

# Host Integration Server 2010

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# Microsoft Host Integration Server

This version of Host Integration Server Help provides documentation and in-depth information about Host Integration Server 2010.

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Additional Resources

Plug into the Host Integration Server community to connect with other developers and get answers to your questions, read the latest from bloggers, see webcasts, find out about events, and participate in the TechNet Wiki.

Resource	Location
Host Integration Server Home	<a href="http://go.microsoft.com/fwlink/?LinkId=187949">http://go.microsoft.com/fwlink/?LinkId=187949</a>
Host Integration Server Blog	<a href="http://go.microsoft.com/fwlink/?LinkId=142377">http://go.microsoft.com/fwlink/?LinkId=142377</a>
Host Integration Server Forum	<a href="http://go.microsoft.com/fwlink/?LinkId=191382">http://go.microsoft.com/fwlink/?LinkId=191382</a>
Host Integration Server on Microsoft Connect	<a href="http://go.microsoft.com/fwlink/?LinkId=187946">http://go.microsoft.com/fwlink/?LinkId=187946</a>
TechNet Wiki	<a href="http://go.microsoft.com/fwlink/?LinkId=198099">http://go.microsoft.com/fwlink/?LinkId=198099</a>

*Last updated: 2010-09-13*

# Class Library






Namespaces

Namespace
<a href="#">Microsoft.HostIntegration.DataAccessLibrary</a>
<a href="#">Microsoft.HostIntegration.MsDb2Client</a>
<a href="#">Microsoft.HostIntegration.MsDb2EntityClient</a>
<a href="#">Microsoft.HostIntegration.MsHostFileClient</a>
<a href="#">Microsoft.HostIntegration.SNA.Session</a>
<a href="#">Microsoft.HostIntegration.TI</a>
<a href="#">System.ServiceModel.Channels.WebSphereMQ</a>

# Microsoft.HostIntegration.DataAccessLibrary Namespace

The **Microsoft.HostIntegration.DataAccessLibrary** namespace grants access to the programmatic interface of the Data Access Tool (DAT).



## Classes

Class	Description
 <a href="#">BasicConnectionString</a>	Describes a basic connection string.
 <a href="#">ConnectionException</a>	Represents the exception that is thrown when an error occurs during a test connection.
 <a href="#">ConnectionKeyLookupTable</a>	Represents the table for the connection key lookup.
 <a href="#">CustomTextBox</a>	Represents a custom textbox associated with the data access library.
 <a href="#">DataAccessControl</a>	Represents a facade that can be used to programmatically execute commands exposed by the Data Access Tool.
 <a href="#">DataAccessHelp</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Supports Data Access Help.
 <a href="#">DataAccessSettings</a>	Controls the computer settings for the Data Access Tool and Data Access Library.
 <a href="#">DB2OleDbConnectionString</a>	Contains the DB2 OLEDB connection string.
 <a href="#">Db2OleDbManager</a>	Manages the DB2 OLEDB provider.
 <a href="#">FileSysOleDbConnectionString</a>	Contains a file system OLEDB connection string.
 <a href="#">HcdColumn</a>	Describes a host column description (HCD) column.
 <a href="#">HcdDataTypes</a>	Allows for the manipulation of groups of Host Column Descriptors (HCD).
 <a href="#">HcdFile</a>	Describes a host column descriptor (HCD) file.
 <a href="#">HcdTable</a>	Describes a host column description (HCD) table.
 <a href="#">HisOleDbManager</a>	Describes the HIS OLEDB manager.
 <a href="#">HisProviderFactory</a>	Describes the HIS provider factory.
 <a href="#">HostFileHcdControl</a>	Describes the host file HCD control.
 <a href="#">HostFileMetadataControl</a>	Provides access to the host file Metadata control.
 <a href="#">IConnectionString</a>	Represents a generic connection string.
 <a href="#">IHcdItem</a>	
 <a href="#">MessageDialog</a>	Represents the message dialog.
 <a href="#">OleDbConnectionString</a>	Describes an OLE DB connection string.
 <a href="#">OutputPane</a>	Represents a pane that displays command results issued by the user.
 <a href="#">SNANLS</a>	Helper class that provides methods for populating locale information in the Data Access Wizard.
 <a href="#">SnaOleDbManager</a>	Represents the Sna OLE DB manager.
 <a href="#">WizardProductImage</a>	Represents the wizard product image.



## Structures

Structure	Description
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 <a href="#">HcdDataType</a>	Describes the host column descriptor (HCD) data type.
 <a href="#">SnaNlsCodePage</a>	Represents the SNANLS code page.


#### Interfaces

	Interface	Description
 <a href="#">IDataAccessControl</a>		Represents an interface for the control of data accesses.
 <a href="#">IHisProviderManager</a>		Represents the HIS provider manager.

#### Delegates

	Delegate	Description
 <a href="#">CreatePackagesStatus</a>		Creates a package status.

#### Enumerations

	Enumeration	Description
 <a href="#">DataSourcePlatform</a>		Describes the type of platform the data is stored on.

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# BasicConnectionString Class

Describes a basic connection string.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

**Microsoft.HostIntegration.DataAccessLibrary.BasicConnectionString**

Syntax



```
C#  
  
[SerializableAttribute]  
public class BasicConnectionString : IConnectionString
```

```
C++  
  
[SerializableAttribute]  
public ref class BasicConnectionString : IConnectionString
```








```
F#  
  
[<SerializableAttribute>]  
type BasicConnectionString =  
    class  
        inherit IConnectionString  
    end
```



























```
VB  
  
<SerializableAttribute>  
Public Class BasicConnectionString  
    Inherits IConnectionString
```





























Constructors

	Name	Description
	<a href="#">BasicConnectionString()</a>	Initializes a new instance of the <b>BasicConnectionString</b> class.
	<a href="#">BasicConnectionString(IConnectionString)</a>	Initializes a new instance of the <b>BasicConnectionString</b> class using the specified connection string.


Properties









	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Authentication</a>	Gets or sets the authentication.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.(Inherited from <a href="#">IConnectionString</a> .)

 BinaryCodepage	Gets or sets the binary codepage.(Inherited from <a href="#">IConnectionString</a> .)
 CacheAuthentication	Gets or sets a value that indicates whether a cache authentication is used.(Inherited from <a href="#">IConnectionString</a> .)
 CertificateCN	Gets or sets the certificate CN.(Inherited from <a href="#">IConnectionString</a> .)
 ClientAccounting	Gets or sets the client accounting.(Inherited from <a href="#">IConnectionString</a> .)
 ClientApplicationName	Gets or sets the client application name.(Inherited from <a href="#">IConnectionString</a> .)
 ClientUserID	Gets or sets the client user identification.(Inherited from <a href="#">IConnectionString</a> .)
 ClientWorkstationName	Gets or sets the client workstation name.(Inherited from <a href="#">IConnectionString</a> .)
 Comment	Gets or sets the additional information about the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionPooling	Gets or sets a value that determines if connection pooling is active.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.(Inherited from <a href="#">IConnectionString</a> .)
 DatabaseName	Gets or sets the database name.(Inherited from <a href="#">IConnectionString</a> .)
 DataSourceName	Gets or sets the name of the data source.(Inherited from <a href="#">IConnectionString</a> .)
 DateModified	Get or sets the date and time the connection string was modified.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsChar	Gets or sets a value that indicates whether date time is interpreted as a character.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsDate	Gets or sets a value that indicates whether the date time is interpreted as date.(Inherited from <a href="#">IConnectionString</a> .)
 DBMSPlatform	Gets or sets the type of database to which the connection string connects.(Inherited from <a href="#">IConnectionString</a> .)
 DecimalAsNumeric	(Inherited from <a href="#">IConnectionString</a> .)
 DefaultLibrary	Gets or sets the default library for the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information.(Inherited from <a href="#">IConnectionString</a> .)
 DeferPrepare	Gets or sets a value that indicates whether to defer preparation.(Inherited from <a href="#">IConnectionString</a> .)
 DeriveParameters	Gets or sets a value that determines if you can derive parameters.(Inherited from <a href="#">IConnectionString</a> .)
 EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined.(Inherited from <a href="#">IConnectionString</a> .)
 ExtendedProperties	Gets or sets the extended properties.(Inherited from <a href="#">IConnectionString</a> .)
 HcdFileName	Gets or sets the host column description file name.(Inherited from <a href="#">IConnectionString</a> .)
 HostCCSID	Gets or sets the character code set identifier (CCSID) for the host.(Inherited from <a href="#">IConnectionString</a> .)

	HostName	Gets the name of the host.(Inherited from <a href="#">IConnectionString</a> .)
	InitialCatalog	Gets or sets the initial catalog name.(Inherited from <a href="#">IConnectionString</a> .)
	IntegratedSecurity	Gets or sets the integrated security.(Inherited from <a href="#">IConnectionString</a> .)
	LoadBalancing	(Inherited from <a href="#">IConnectionString</a> .)
	LocalFolder	Gets or sets the local folder.(Inherited from <a href="#">IConnectionString</a> .)
	LocalLU	Gets or sets the local logical unit (LU) name.(Inherited from <a href="#">IConnectionString</a> .)
	Location	Gets or sets the location.(Inherited from <a href="#">IConnectionString</a> .)
	MaxPoolSize	Gets or sets the maximum pool size.(Inherited from <a href="#">IConnectionString</a> .)
	MetadataAssembly	Gets or sets the metadata assembly.(Inherited from <a href="#">IConnectionString</a> .)
	Name	Gets or sets the name of the connection string.(Inherited from <a href="#">IConnectionString</a> .)
	NetworkAddress	Gets or sets the IP network address.(Inherited from <a href="#">IConnectionString</a> .)
	NetworkLibrary	Gets or sets the type of network over which the connection transmits.(Inherited from <a href="#">IConnectionString</a> .)
	NetworkPort	Gets or sets the network port ID.(Inherited from <a href="#">IConnectionString</a> .)
	NewPassword	Gets or sets the new password.(Inherited from <a href="#">IConnectionString</a> .)
	PackageCollection	Gets or sets the name of the target collection.(Inherited from <a href="#">IConnectionString</a> .)
	Password	Gets or sets the user password.(Inherited from <a href="#">IConnectionString</a> .)
	PCCodepage	Gets or sets the client PC code page.(Inherited from <a href="#">IConnectionString</a> .)
	ReadOnly	Gets or sets a value that determines if the connection string is read-only.(Inherited from <a href="#">IConnectionString</a> .)
	RemoteLU	Gets or sets the remote logical unit (LU).(Inherited from <a href="#">IConnectionString</a> .)
	RepairHostKeys	Gets or sets a value that determines if the host keys should be repaired.(Inherited from <a href="#">IConnectionString</a> .)
	RowsetCacheSize	Gets or sets the rowset cache size.(Inherited from <a href="#">IConnectionString</a> .)
	SecurityPrinciple	Gets or set the security principle.(Inherited from <a href="#">IConnectionString</a> .)
	ShadowCatalog	(Inherited from <a href="#">IConnectionString</a> .)
	StrictValidation	Gets or sets a value that determines if strict validation is enabled.(Inherited from <a href="#">IConnectionString</a> .)
	UnitsOfWork	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.(Inherited from <a href="#">IConnectionString</a> .)
	UseKerberos	Gets or sets a value that indicates whether a Kerberos is used.(Inherited from <a href="#">IConnectionString</a> .)
	UserName	Gets or sets the name of the user.(Inherited from <a href="#">IConnectionString</a> .)
	UseSingleSignOn	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).(Inherited from <a href="#">IConnectionString</a> .)

#### Methods

	Name	Description
	Clone()	Creates a deep copy of the current instance.(Overrides <a href="#">IConnectionString.Clone()</a> .)

 <a href="#">CopyFrom(IConnectionString)</a>	Copies the connection string from the specified object.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Exists()</a>	Determines if the current instance is abstract or actually represents a connection string.(Overrides <a href="#">IConnectionString.Exists()</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetString()</a>	Returns the connection string of the current instance.(Overrides <a href="#">IConnectionString.GetString()</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">InternalDelete()</a>	Deletes the connection string.(Overrides <a href="#">IConnectionString.InternalDelete()</a> .)
 <a href="#">InternalRename(String)</a>	Renames the connection string.(Overrides <a href="#">IConnectionString.InternalRename(String)</a> .)
 <a href="#">Load()</a>	Loads the current instance.(Overrides <a href="#">IConnectionString.Load()</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Rename(String)</a>	Renames the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Save()</a>	Saves the connection string.(Overrides <a href="#">IConnectionString.Save()</a> .)
 <a href="#">SetString(String)</a>	Sets the connection string.(Overrides <a href="#">IConnectionString.SetString(String)</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# BasicConnectionString Members

Describes a basic connection string.




The following tables list the members exposed by the [BasicConnectionString](#) type.

## Public Constructors

Name	Description
<a href="#">BasicConnectionString</a>	Overloaded. Creates a new instance of the <a href="#">BasicConnectionString</a> class.


























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## Public Fields

	Name	Description
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )

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## Public Properties














	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )

	DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
	DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	DeferPrepare	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	DeriveParameters	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	ExtendedProperties	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	Format	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	HcdFileName	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	HostCCSID	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	HostName	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	InitialCatalog	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	IntegratedSecurity	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	LocalFolder	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	LocalLU	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	Location	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	MaxPoolSize	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	MetadataAssembly	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	Name	Gets or sets the name of the connection string. (inherited from <a href="#">IConnectionString</a> )
	NetworkAddress	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	NetworkLibrary	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	NetworkPort	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	NewPassword	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	PackageCollection	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	Password	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	PCCodepage	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	ReadOnly	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	RemoteLU	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
	RepairHostKeys	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
	RowsetCacheSize	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	SecurityPrinciple	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	StrictValidation	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	UnitsOfWork	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	UseKerberos	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	UserName	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	UseSingleSignOn	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

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Public Methods (see also [Protected Methods](#))

	Name	Description
	Clone	Overridden. Creates a deep copy of the current instance.
	CopyFrom	(inherited from <a href="#">IConnectionString</a> )
	Delete	(inherited from <a href="#">IConnectionString</a> )
	Equals	Overloaded. (inherited from <a href="#">Object</a> )
	Exists	Overridden. Determines if the current instance is abstract or actually represents a connection string.
	GetHashCode	(inherited from <a href="#">Object</a> )

	<a href="#">GetString</a>	Overridden. Returns the connection string of the current instance.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Load</a>	Overridden. Loads the current instance.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Overridden. Saves the connection string.
	<a href="#">SetString</a>	Overridden. Sets the connection string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InternalDelete</a>	Overridden. Deletes the connection string.
	<a href="#">InternalRename</a>	Overridden. Renames the connection string.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

#### Reference







[BasicConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# BasicConnectionString Fields

## Public Fields

	Name	Description
 	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )

See Also

### Reference

[BasicConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# BasicConnectionString Constructor

Creates a new instance of the [BasicConnectionString](#) class.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

Name	Description
 <a href="#">BasicConnectionString()</a>	Initializes a new instance of the <a href="#">BasicConnectionString</a> class.
 <a href="#">BasicConnectionString(IConnectionString)</a>	Initializes a new instance of the <a href="#">BasicConnectionString</a> class using the specified connection string.

## See Also

[BasicConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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### BasicConnectionString Constructor ()

Initializes a new instance of the [BasicConnectionString](#) class.

## Syntax

C#

```
public BasicConnectionString()
```

C++

```
public:  
BasicConnectionString()
```

F#

```
new : unit -> BasicConnectionString
```

VB

```
Public Sub New
```

## Remarks

The default constructor initializes any fields to their default values.

[Return to top](#)

### BasicConnectionString Constructor (IConnectionString)

Initializes a new instance of the [BasicConnectionString](#) class using the specified connection string.

## Syntax

C#

```
public BasicConnectionString(  
    IConnectionString connStr  
)
```

C++

```
public:  
BasicConnectionString(  
    IConnectionString^ connStr  
)
```

F#

```
new :  
    connStr:ConnectionString -> BasicConnectionString
```

VB

```
Public Sub New (  
    connStr As IConnectionString  
)
```

#### Parameters

*connStr*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

Connection string for the new instance.

[Return to top](#)

# BasicConnectionString Constructor ()

Initializes a new instance of the [BasicConnectionString](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public BasicConnectionString ()
```

C++

```
public:  
BasicConnectionString ()
```

J#

```
public BasicConnectionString ()
```

JScript

```
public function BasicConnectionString ()
```

Remarks

The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString Constructor (IConnectionString)

Initializes a new instance of the [BasicConnectionString](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connStr As IConnectionString _
)
```

C#

```
public BasicConnectionString (
    IConnectionString connStr
)
```

C++

```
public:
    BasicConnectionString (
        IConnectionString^ connStr
    )
```

J#

```
public BasicConnectionString (
    IConnectionString connStr
)
```

JScript

```
public function BasicConnectionString (
    connStr : IConnectionString
)
```

## Parameters

connStr

Connection string for the new instance.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

















[BasicConnectionString Class](#)

[BasicConnectionString Members](#)





[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Overridden. Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Overridden. Determines if the current instance is abstract or actually represents a connection string.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Overridden. Returns the connection string of the current instance.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Load</a>	Overridden. Loads the current instance.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Overridden. Saves the connection string.
	<a href="#">SetString</a>	Overridden. Sets the connection string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InternalDelete</a>	Overridden. Deletes the connection string.
	<a href="#">InternalRename</a>	Overridden. Renames the connection string.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[BasicConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.Clone Method

Creates a deep copy of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Clone As IConnectionString
```

C#

```
public override IConnectionString Clone ()
```

C++

```
public:
virtual IConnectionString^ Clone () override
```

J#

```
public IConnectionString Clone ()
```

JScript

```
public override function Clone () : IConnectionString
```

## Return Value

A clone of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.Exists Method

Determines if the current instance is abstract or actually represents a connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function Exists As Boolean
```

C#

```
public override bool Exists ()
```

C++

```
public:  
virtual bool Exists () override
```

J#

```
public boolean Exists ()
```

JScript

```
public override function Exists () : boolean
```

## Return Value

**true** if the current instance is a connection string; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# BasicConnectionString.GetString Method

Returns the connection string of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetString As String
```

C#

```
public override string GetString ()
```

C++

```
public:  
virtual String^ GetString () override
```

J#

```
public String GetString ()
```

JScript

```
public override function GetString () : String
```

## Return Value

The connection string of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.InternalDelete Method

Deletes the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Function InternalDelete As Boolean
```

C#

```
protected override bool InternalDelete ()
```

C++

```
protected:  
virtual bool InternalDelete () override
```

J#

```
protected boolean InternalDelete ()
```

JScript

```
protected override function InternalDelete () : boolean
```

## Return Value

The connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.InternalRename Method

Renames the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalRename ( _
    destIdentifier As String _
)
```

C#

```
protected override void InternalRename (
    string destIdentifier
)
```

C++

```
protected:
virtual void InternalRename (
    String^ destIdentifier
) override
```

J#

```
protected void InternalRename (
    String destIdentifier
)
```

JScript

```
protected override function InternalRename (
    destIdentifier : String
)
```

## Parameters

destIdentifier

New name of the connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.Load Method

Loads the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Load
```

C#

```
public override void Load ()
```

C++

```
public:  
virtual void Load () override
```

J#

```
public void Load ()
```

JScript

```
public override function Load ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.Save Method

Saves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Save
```

C#

```
public override void Save ()
```

C++

```
public:  
virtual void Save () override
```

J#

```
public void Save ()
```

JScript

```
public override function Save ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[BasicConnectionString Class](#)

[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# BasicConnectionString.SetString Method

Sets the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub SetString ( _
    value As String _
)
```

C#

```
public override void SetString (
    string value
)
```

C++

```
public:
virtual void SetString (
    String^ value
) override
```

J#

```
public void SetString (
    String value
)
```

JScript

```
public override function SetString (
    value : String
)
```

## Parameters

value

The value to set the string to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

























[BasicConnectionString Class](#)

























[BasicConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)








# BasicConnectionString Properties

## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )

 <a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Format</a>	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HcdFileName</a>	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HostName</a>	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">LocalFolder</a>	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Location</a>	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Name</a>	Gets or sets the name of the connection string. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NetworkAddress</a>	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NetworkPort</a>	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NewPassword</a>	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">PackageCollection</a>	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Password</a>	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">PCCodepage</a>	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
 <a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )



	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

See Also

#### Reference

[BasicConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# ConnectionException Class

Represents the exception that is thrown when an error occurs during a test connection.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Exception](#)  
**Microsoft.HostIntegration.DataAccessLibrary.ConnectionException**

Syntax  
C#

```
[SerializableAttribute]  
public sealed class ConnectionException : Exception
```

C++

```
[SerializableAttribute]  
public ref class ConnectionException sealed : Exception
```




F#

```
[<Sealed>]  
[<SerializableAttribute>]  
type ConnectionException =  
    class  
        inherit Exception  
    end
```







VB



```
<SerializableAttribute>  
Public NotInheritable Class ConnectionException  
    Inherits Exception
```

Constructors







	Name	Description
	<a href="#">ConnectionException()</a>	Initializes a new instance of the <b>ConnectionException</b> class.
	<a href="#">ConnectionException(String)</a>	Initializes a new instance of the <b>ConnectionException</b> class using the specified error message.
	<a href="#">ConnectionException(String, Exception)</a>	Initializes a new instance of the <b>ConnectionException</b> class with a specified error message and a reference to the inner exception that is the cause of this exception.

Properties

	Name	Description
	<a href="#">Data</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">HelpLink</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">HResult</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">InnerException</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">Message</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">Source</a>	(Inherited from <a href="#">Exception</a> .)

 <a href="#">StackTrace</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">TargetSite</a>	(Inherited from <a href="#">Exception</a> .)

#### Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetBaseException()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetObjectData(SerializationInfo, StreamingContext)</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Exception</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# ConnectionException Members

Represents the exception that is thrown when an error occurs during a test connection.








The following tables list the members exposed by the [ConnectionException](#) type.

## Public Constructors

Name	Description
<a href="#">ConnectionException</a>	Overloaded. Initializes a new instance of the <a href="#">ConnectionException</a> class.


## Top

## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )








## Top

## Protected Properties

Name	Description
 <a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )


## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Events

Name	Description
 <a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

## Top

See Also

## Reference

[ConnectionException Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)




# ConnectionException Constructor

Initializes a new instance of the [ConnectionException](#) class.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

Name	Description
 <a href="#">ConnectionException()</a>	Initializes a new instance of the <a href="#">ConnectionException</a> class.
 <a href="#">ConnectionException(String)</a>	Initializes a new instance of the <a href="#">ConnectionException</a> class using the specified error message.
 <a href="#">ConnectionException(String, Exception)</a>	Initializes a new instance of the <a href="#">ConnectionException</a> class with a specified error message and a reference to the inner exception that is the cause of this exception.

See Also

[ConnectionException Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

### ConnectionException Constructor ()

Initializes a new instance of the [ConnectionException](#) class.

Syntax

C#

```
public ConnectionException()
```

C++

```
public:  
ConnectionException()
```

F#

```
new : unit -> ConnectionException
```

VB

```
Public Sub New
```

Remarks

The default constructor initializes any fields to their default values.

[Return to top](#)

### ConnectionException Constructor (String)

Initializes a new instance of the [ConnectionException](#) class using the specified error message.

Syntax

C#

```
public ConnectionException(  
    string s  
)
```

C++

```
public:  
ConnectionException(  
    String^ s  
)
```

F#

```
new :  
    s:string -> ConnectionException
```

VB

```
Public Sub New (  
    s As String  
)
```

#### Parameters

s

Type: [System.String](#)

The message that describes the error.

[Return to top](#)

#### ConnectionException Constructor (String, Exception)

Initializes a new instance of the [ConnectionException](#) class with a specified error message and a reference to the inner exception that is the cause of this exception.

Syntax

C#

```
public ConnectionException(  
    string s,  
    Exception e  
)
```

C++

```
public:  
    ConnectionException(  
        String^ s,  
        Exception^ e  
    )
```

F#

```
new :  
    s:string *  
    e:Exception -> ConnectionException
```

VB

```
Public Sub New (  
    s As String,  
    e As Exception  
)
```

#### Parameters

s

Type: [System.String](#)

The error message that explains the reason for the exception.

e

Type: [System.Exception](#)

The exception that is the cause of the current exception.

[Return to top](#)

# ConnectionException Constructor ()

Initializes a new instance of the [ConnectionException](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public ConnectionException ()
```

C++

```
public:
    ConnectionException ()
```

J#

```
public ConnectionException ()
```

JScript

```
public function ConnectionException ()
```

Remarks

The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ConnectionException Class](#)

[ConnectionException Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# ConnectionException Constructor (String)

Initializes a new instance of the [ConnectionException](#) class using the specified error message.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    s As String _
)
```

C#

```
public ConnectionException (
    string s
)
```

C++

```
public:
    ConnectionException (
        String^ s
    )
```

J#

```
public ConnectionException (
    String s
)
```

JScript

```
public function ConnectionException (
    s : String
)
```

## Parameters

s

The message that describes the error.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ConnectionException Class](#)

[ConnectionException Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# ConnectionException Constructor (String, Exception)

Initializes a new instance of the [ConnectionException](#) class with a specified error message and a reference to the inner exception that is the cause of this exception.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    s As String, _
    e As Exception _
)
```

C#

```
public ConnectionException (
    string s,
    Exception e
)
```

C++

```
public:
    ConnectionException (
        String^ s,
        Exception^ e
    )
```

J#

```
public ConnectionException (
    String s,
    Exception e
)
```

JScript

```
public function ConnectionException (
    s : String,
    e : Exception
)
```

## Parameters

s

The error message that explains the reason for the exception.

e

The exception that is the cause of the current exception.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ConnectionException Class](#)









[ConnectionException Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)





# ConnectionException Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )








See Also

**Reference**


- [ConnectionException Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# ConnectionException Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )

Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )


See Also

**Reference**

- [ConnectionException Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# ConnectionException Events

Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

See Also

Reference

- [ConnectionException Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# CreatePackagesStatus Delegate

Creates a package status.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public delegate void CreatePackagesStatus(  
    string status,  
    IntPtr state  
)
```

C++

```
public delegate void CreatePackagesStatus(  
    String^ status,  
    IntPtr state  
)
```

F#

```
type CreatePackagesStatus =  
    delegate of  
        status:string *  
        state:nativeint -> unit
```

VB

```
Public Delegate Sub CreatePackagesStatus (  
    status As String,  
    state As IntPtr  
)
```

## Parameters

*status*

Type: [System.String](#)

The status to create the package with.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessControl Class

Represents a facade that can be used to programmatically execute commands exposed by the Data Access Tool.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.DataAccessControl**

Syntax

C#

```
[ComVisibleAttribute(true)]
public class DataAccessControl : IDataAccessControl
```

C++

```
[ComVisibleAttribute(true)]
public ref class DataAccessControl : IDataAccessControl
```


F#

```
[<ComVisibleAttribute(true)>]
type DataAccessControl =
    class
        interface IDataAccessControl
    end
```



VB

```
<ComVisibleAttribute(True)>
Public Class DataAccessControl
    Implements IDataAccessControl
```

Constructors









	Name	Description
	<a href="#">DataAccessControl()</a>	Initializes a new instance of the <b>DataAccessControl</b> class.

Methods

	Name	Description
	<a href="#">ChangePasswordUI(IConnectionString, String)</a>	Creates the Change Password UI.
	<a href="#">CreateCustomPackages(IConnectionString, XmlReader, CreatePackagesStatus)</a>	Creates a custom package.

 	CreatePackages(IConnectionString, CreatePackagesStatus)	Creates DB2 packages for a specific DB2 data source.
 	CreatePackagesUI(IConnectionString, CreatePackagesStatus)	Brings up the Create Packages UI.
 	DisplayDataSourceWizard(ArrayList, Boolean, DataSourcePlatform, IConnectionString, Boolean, String, Boolean, Boolean)	Describes the Data Access control.
 	DisplayDataSourceWizard(ArrayList, Boolean, DataSourcePlatform, IConnectionString, String)	Displays the Data Source Wizard using the specified parameters.
	DisplayDataSourceWizard(String, String)	
 	DisplayDataSourceWizardForDb2(Boolean, IConnectionString)	Displays the Data Source Wizard for DB2.
 	DisplayDataSourceWizardForHostFiles(Boolean, IConnectionString)	Displays the Data Source Wizard for Host Files.
 	DisplayDb2ConnectImportWizard()	Displays the DB2 Connect Import Wizard.



	<code>DisplayDb2ConnectImportWizard(IConnectionString)</code>	Displays the DB2 Connect Import Wizard.
	<code>Equals(Object)</code>	(Inherited from <a href="#">Object</a> .)
	<code>Finalize()</code>	(Inherited from <a href="#">Object</a> .)
	<code>GetHashCode()</code>	(Inherited from <a href="#">Object</a> .)
	<code>GetType()</code>	(Inherited from <a href="#">Object</a> .)
	<code>MemberwiseClone()</code>	(Inherited from <a href="#">Object</a> .)
	<code>RunDataSourceWizardAsApplication()</code>	Runs the DataSource Wizard as an application.
	<code>SampleQuery(IConnectionString)</code>	Performs a sample query that fetches a list of available tables or files from a data source.

 	<a href="#">SampleQueryUI(IConnectionString, String)</a>	Activates the Sample Query UI.
 	<a href="#">TestConnection(IConnectionString, String, String)</a>	Performs a test connection on a data source.
 	<a href="#">TestConnectionUI(IConnectionString, String)</a>	Exposes the test connection UI.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

**Thread Safety**  
Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**See Also**  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# DataAccessControl Members

Represents a facade that can be used to programmatically execute commands exposed by the Data Access Tool.



















The following tables list the members exposed by the [DataAccessControl](#) type.

## Public Constructors

Name	Description
<a href="#">DataAccessControl</a>	Initializes a new instance of the <a href="#">DataAccessControl</a> class.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ChangePasswordUI</a>	Creates the Change Password UI.
	<a href="#">CreateCustomPackages</a>	Creates a custom package.
	<a href="#">CreatePackages</a>	Creates DB2 packages for a specific DB2 data source.
	<a href="#">CreatePackagesUI</a>	Brings up the Create Packages UI.
	<a href="#">DisplayDataSourceWizard</a>	Overloaded. Displays the Data Source Wizard.
	<a href="#">DisplayDataSourceWizardForDb2</a>	Displays the Data Source Wizard for DB2.
	<a href="#">DisplayDataSourceWizardForHostFiles</a>	Displays the Data Source Wizard for Host Files.
	<a href="#">DisplayDb2ConnectImportWizard</a>	Overloaded. Displays the DB2 Connect Import Wizard.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RunDataSourceWizardAsApplication</a>	Runs the Data Source Wizard as an application.
	<a href="#">SampleQuery</a>	Performs a sample query that fetches a list of available tables or files from a data source.
	<a href="#">SampleQueryUI</a>	Activates the Sample Query UI.
	<a href="#">TestConnection</a>	Performs a test connection on a data source.
	<a href="#">TestConnectionUI</a>	Exposes the test connection UI.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[DataAccessControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl Constructor

Initializes a new instance of the [DataAccessControl](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public DataAccessControl ()
```

C++

```
public:  
DataAccessControl ()
```

J#

```
public DataAccessControl ()
```

JScript

```
public function DataAccessControl ()
```

Remarks

The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**



















[DataAccessControl Class](#)

[DataAccessControl Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ChangePasswordUI</a>	Creates the Change Password UI.
	<a href="#">CreateCustomPackages</a>	Creates a custom package.
	<a href="#">CreatePackages</a>	Creates DB2 packages for a specific DB2 data source.
	<a href="#">CreatePackagesUI</a>	Brings up the Create Packages UI.
	<a href="#">DisplayDataSourceWizard</a>	Overloaded. Displays the Data Source Wizard.
	<a href="#">DisplayDataSourceWizardForDb2</a>	Displays the Data Source Wizard for DB2.
	<a href="#">DisplayDataSourceWizardForHostFiles</a>	Displays the Data Source Wizard for Host Files.
	<a href="#">DisplayDb2ConnectImportWizard</a>	Overloaded. Displays the DB2 Connect Import Wizard.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RunDataSourceWizardAsApplication</a>	Runs the Data Source Wizard as an application.
	<a href="#">SampleQuery</a>	Performs a sample query that fetches a list of available tables or files from a data source.
	<a href="#">SampleQueryUI</a>	Activates the Sample Query UI.
	<a href="#">TestConnection</a>	Performs a test connection on a data source.
	<a href="#">TestConnectionUI</a>	Exposes the test connection UI.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[DataAccessControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.ChangePasswordUI Method

Creates the Change Password UI.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub ChangePasswordUI ( _
    connStr As IConnectionString, _
    <OutAttribute> ByRef output As String _
)
```

C#

```
public static void ChangePasswordUI (
    IConnectionString connStr,
    out string output
)
```

C++

```
public:
static void ChangePasswordUI (
    IConnectionString^ connStr,
    [OutAttribute] String^% output
)
```

J#

```
public static void ChangePasswordUI (
    IConnectionString connStr,
    /** @attribute OutAttribute() */ /** @ref */ String output
)
```

JScript

## Parameters

connStr

The connection string to change.

output

On a return, contains the output string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.CreateCustomPackages Method

Creates a custom package.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function CreateCustomPackages ( _
    connStr As IConnectionString, _
    packageData As XmlReader, _
    callback As CreatePackagesStatus _
) As Boolean
```

C#

```
public static bool CreateCustomPackages (
    IConnectionString connStr,
    XmlReader packageData,
    CreatePackagesStatus callback
)
```

C++

```
public:
static bool CreateCustomPackages (
    IConnectionString^ connStr,
    XmlReader^ packageData,
    CreatePackagesStatus^ callback
)
```

J#

```
public static boolean CreateCustomPackages (
    IConnectionString connStr,
    XmlReader packageData,
    CreatePackagesStatus callback
)
```

JScript

```
public static function CreateCustomPackages (
    connStr : IConnectionString,
    packageData : XmlReader,
    callback : CreatePackagesStatus
) : boolean
```

## Parameters

connStr

The connection string to use.

packageData

The package data to use.

callback

The callback to use.

## Return Value

**true** if creation was successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DataAccessControl.CreatePackages Method

Creates DB2 packages for a specific DB2 data source.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function CreatePackages ( _
    connStr As IConnectionString, _
    callback As CreatePackagesStatus _
) As Boolean
```

C#

```
public static bool CreatePackages (
    IConnectionString connStr,
    CreatePackagesStatus callback
)
```

C++

```
public:
static bool CreatePackages (
    IConnectionString^ connStr,
    CreatePackagesStatus^ callback
)
```

J#

```
public static boolean CreatePackages (
    IConnectionString connStr,
    CreatePackagesStatus callback
)
```

JScript

```
public static function CreatePackages (
    connStr : IConnectionString,
    callback : CreatePackagesStatus
) : boolean
```

## Parameters

connStr

The connection string to the data source.

callback

A CreatePackagesStatus containing a delegate that receives status messages.

## Return Value

**true** if the call succeeded; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.CreatePackagesUI Method

Brings up the Create Packages UI.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub CreatePackagesUI ( _
    connStr As IConnectionString, _
    status As CreatePackagesStatus _
)
```

C#

```
public static void CreatePackagesUI (
    IConnectionString connStr,
    CreatePackagesStatus status
)
```

C++

```
public:
static void CreatePackagesUI (
    IConnectionString^ connStr,
    CreatePackagesStatus^ status
)
```

J#

```
public static void CreatePackagesUI (
    IConnectionString connStr,
    CreatePackagesStatus status
)
```

JScript

```
public static function CreatePackagesUI (
    connStr : IConnectionString,
    status : CreatePackagesStatus
)
```

## Parameters

connStr

Connection string to use on the UI.

status

The status of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)




# DataAccessControl.DisplayDataSourceWizard Method



Displays the Data Source Wizard.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

	Name	Description
	<a href="#">DisplayDataSourceWizard</a> (ArrayList, Boolean, DataSourcePlatform, IConnectionString, Boolean, String, Boolean, Boolean)	Describes the Data Access control.

	<a href="#">DisplayDataSourceWizard(ArrayList, Boolean, DataSourcePlatform, IConnectionString, String)</a>	Displays the Data Source Wizard using the specified parameters.
	<a href="#">DisplayDataSourceWizard(String, String)</a>	

See Also

[DataAccessControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

**DataAccessControl.DisplayDataSourceWizard Method**

**(ArrayList, Boolean, DataSourcePlatform, IConnectionString, Boolean, String, Boolean, Boolean)**

Describes the Data Access control.

Syntax

C#

```
public static DialogResult DisplayDataSourceWizard(
    ArrayList providers,
    bool showWelcome,
    ref DataSourcePlatform platform,
    ref IConnectionString connString,
    bool allowPersistence,
    out string dataSourceName,
    out bool createdUdl,
    out bool createdOleDbText
)
```

C++

```

public:
static DialogResult DisplayDataSourceWizard(
    ArrayList^ providers,
    bool showWelcome,
    DataSourcePlatform% platform,
    IConnectionString^% connString,
    bool allowPersistence,
    [OutAttribute] String^% dataSourceName,
    [OutAttribute] bool% createdUdl,
    [OutAttribute] bool% createdOleDbText
)

```

F#

```

static member DisplayDataSourceWizard :
    providers:ArrayList *
    showWelcome:bool *
    platform:DataSourcePlatform byref *
    connString:IConnectionString byref *
    allowPersistence:bool *
    dataSourceName:string byref *
    createdUdl:bool byref *
    createdOleDbText:bool byref -> DialogResult

```

VB

```

Public Shared Function DisplayDataSourceWizard (
    providers As ArrayList,
    showWelcome As Boolean,
    ByRef platform As DataSourcePlatform,
    ByRef connString As IConnectionString,
    allowPersistence As Boolean,
    <OutAttribute> ByRef dataSourceName As String,
    <OutAttribute> ByRef createdUdl As Boolean,
    <OutAttribute> ByRef createdOleDbText As Boolean
) As DialogResult

```

#### Parameters

*providers*

Type: [System.Collections.ArrayList](#)

A list of arrays containing the valid provider names.

*showWelcome*

Type: [System.Boolean](#)

**True** to show the welcome screen; otherwise, **false**.

*platform*

Type: [Microsoft.HostIntegration.DataAccessLibrary.DataSourcePlatform](#)

A reference to the list of data source platforms.

*connString*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

The connection string to use.

*allowPersistence*

Type: [System.Boolean](#)

**True** to allow persistence; otherwise, **false**.

*dataSourceName*

Type: [System.String](#)

Returns the data source name.

*createdUdl*

Type: [System.Boolean](#)

Returns the created UDL.

*createdOleDbText*

Type: [System.Boolean](#)

Returns the created Ole Db Text.

#### Return Value

Type: [System.Windows.Forms.DialogResult](#)

A DialogResult containing the result of the dialog.

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#### DataAccessControl.DisplayDataSourceWizard Method (ArrayList, Boolean, DataSourcePlatform, IConnectionString, String)

Displays the Data Source Wizard using the specified parameters.

Syntax

C#

```
public static DialogResult DisplayDataSourceWizard(
    ArrayList providers,
    bool showWelcome,
    ref DataSourcePlatform platform,
    ref IConnectionString connString,
    out string dataSourceName
)
```

C++

```
public:
static DialogResult DisplayDataSourceWizard(
    ArrayList^ providers,
    bool showWelcome,
    DataSourcePlatform% platform,
    IConnectionString^% connString,
    [OutAttribute] String% dataSourceName
)
```

F#

```
static member DisplayDataSourceWizard :
    providers:ArrayList *
    showWelcome:bool *
    platform:DataSourcePlatform byref *
    connString:IConnectionString byref *
    dataSourceName:string byref -> DialogResult
```

VB

```
Public Shared Function DisplayDataSourceWizard (
    providers As ArrayList,
    showWelcome As Boolean,
    ByRef platform As DataSourcePlatform,
    ByRef connString As IConnectionString,
    <OutAttribute> ByRef dataSourceName As String
) As DialogResult
```

#### Parameters

*providers*

Type: [System.Collections.ArrayList](#)

A list of arrays containing the valid provider names.

*showWelcome*

Type: [System.Boolean](#)

**true** to show the welcome screen; otherwise, **false**.

*platform*

Type: [Microsoft.HostIntegration.DataAccessLibrary.DataSourcePlatform](#)

A reference to the list of data source platforms.



*connString*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

The connection string to use.

*dataSourceName*

Type: [System.String](#)

Returns the data source name.

#### Return Value

Type: [System.Windows.Forms.DialogResult](#)

A DialogResult containing the result of the dialog.

[Return to top](#)

#### DataAccessControl.DisplayDataSourceWizard Method (String, String)

Syntax

C#

```
public int DisplayDataSourceWizard(  
    string inConnString,  
    out string outConnString  
)
```

C++

```
public:  
virtual int DisplayDataSourceWizard(  
    String^ inConnString,  
    [OutAttribute] String^% outConnString  
) sealed
```

F#

```
abstract DisplayDataSourceWizard :  
    inConnString:string *  
    outConnString:string byref -> int  
override DisplayDataSourceWizard :  
    inConnString:string *  
    outConnString:string byref -> int
```

VB

```
Public Function DisplayDataSourceWizard (  
    inConnString As String,  
    <OutAttribute> ByRef outConnString As String  
) As Integer
```

#### Parameters

*inConnString*

Type: [System.String](#)

*outConnString*

Type: [System.String](#)

#### Return Value

Type: [System.Int32](#)

#### Implements

[IDataAccessControl.DisplayDataSourceWizard\(String, String\)](#)

[Return to top](#)

# DataAccessControl.DisplayDataSourceWizard Method (ArrayList, Boolean, ref DataSourcePlatform, ref IConnectionString, out String)

Displays the Data Source Wizard using the specified parameters.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDataSourceWizard ( _
    providers As ArrayList, _
    showWelcome As Boolean, _
    ByRef platform As DataSourcePlatform, _
    ByRef connString As IConnectionString, _
    <OutAttribute> ByRef dataSourceName As String _
) As DialogResult
```

C#

```
public static DialogResult DisplayDataSourceWizard (
    ArrayList providers,
    bool showWelcome,
    ref DataSourcePlatform platform,
    ref IConnectionString connString,
    out string dataSourceName
)
```

C++

```
public:
static DialogResult DisplayDataSourceWizard (
    ArrayList^ providers,
    bool showWelcome,
    DataSourcePlatform% platform,
    IConnectionString^% connString,
    [OutAttribute] String^% dataSourceName
)
```

J#

```
public static DialogResult DisplayDataSourceWizard (
    ArrayList providers,
    boolean showWelcome,
    /** @ref */ DataSourcePlatform platform,
    /** @ref */ IConnectionString connString,
    /** @attribute OutAttribute() */ /** @ref */ String dataSourceName
)
```

JScript

## Parameters

providers

A list of arrays containing the valid provider names.

showWelcome

**true** to show the welcome screen; otherwise, **false**.

platform

A reference to the list of data source platforms.

connString

The connection string to use.

dataSourceName

Returns the data source name.

#### **Return Value**

A DialogResult containing the result of the dialog.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.DisplayDataSourceWizard Method (ArrayList, Boolean, ref DataSourcePlatform, ref IConnectionString, Boolean, out String, out Boolean, out Boolean)

Describes the Data Access control.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDataSourceWizard ( _
    providers As ArrayList, _
    showWelcome As Boolean, _
    ByRef platform As DataSourcePlatform, _
    ByRef connString As IConnectionString, _
    allowPersistence As Boolean, _
    <OutAttribute> ByRef dataSourceName As String, _
    <OutAttribute> ByRef createdUdl As Boolean, _
    <OutAttribute> ByRef createdOleDbText As Boolean _
) As DialogResult
```

C#

```
public static DialogResult DisplayDataSourceWizard (
    ArrayList providers,
    bool showWelcome,
    ref DataSourcePlatform platform,
    ref IConnectionString connString,
    bool allowPersistence,
    out string dataSourceName,
    out bool createdUdl,
    out bool createdOleDbText
)
```

C++

```
public:
static DialogResult DisplayDataSourceWizard (
    ArrayList^ providers,
    bool showWelcome,
    DataSourcePlatform% platform,
    IConnectionString^% connString,
    bool allowPersistence,
    [OutAttribute] String^% dataSourceName,
    [OutAttribute] bool% createdUdl,
    [OutAttribute] bool% createdOleDbText
)
```

J#

```
public static DialogResult DisplayDataSourceWizard (
    ArrayList providers,
    boolean showWelcome,
    /** @ref */ DataSourcePlatform platform,
    /** @ref */ IConnectionString connString,
    boolean allowPersistence,
    /** @attribute OutAttribute() */ /** @ref */ String dataSourceName,
    /** @attribute OutAttribute() */ /** @ref */ boolean createdUdl,
```

```
/** @attribute OutAttribute() */ /** @ref */ boolean createdOleDbText  
)
```

## JScript

### Parameters

providers

A list of arrays containing the valid provider names.

showWelcome

**True** to show the welcome screen; otherwise, **false**.

platform

A reference to the list of data source platforms.

connString

The connection string to use.

allowPersistence

**True** to allow persistence; otherwise, **false**.

dataSourceName

Returns the data source name.

createdUdl

Returns the created UDL.

createdOleDbText

Returns the created Ole Db Text.

### Return Value

A DialogResult containing the result of the dialog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.DisplayDataSourceWizardForDb2 Method

Displays the Data Source Wizard for DB2.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDataSourceWizardForDb2 ( _
    showWelcome As Boolean, _
    ByRef connString As IConnectionString _
) As DialogResult
```

C#

```
public static DialogResult DisplayDataSourceWizardForDb2 (
    bool showWelcome,
    ref IConnectionString connString
)
```

C++

```
public:
static DialogResult DisplayDataSourceWizardForDb2 (
    bool showWelcome,
    IConnectionString^% connString
)
```

J#

```
public static DialogResult DisplayDataSourceWizardForDb2 (
    boolean showWelcome,
    /** @ref */ IConnectionString connString
)
```

JScript

## Parameters

showWelcome

**true** to show the welcome screen; otherwise, **false**.

connString

Reference to the connection string to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.DisplayDataSourceWizardForHostFiles Method

Displays the Data Source Wizard for Host Files.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDataSourceWizardForHostFiles ( _
    showWelcome As Boolean, _
    ByRef connString As IConnectionString _
) As DialogResult
```

C#

```
public static DialogResult DisplayDataSourceWizardForHostFiles (
    bool showWelcome,
    ref IConnectionString connString
)
```

C++

```
public:
static DialogResult DisplayDataSourceWizardForHostFiles (
    bool showWelcome,
    IConnectionString^% connString
)
```

J#

```
public static DialogResult DisplayDataSourceWizardForHostFiles (
    boolean showWelcome,
    /** @ref */ IConnectionString connString
)
```

JScript

## Parameters

showWelcome

**true** to show the welcome screen; otherwise, **false**.

connString

Reference to the connection string to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)





# DataAccessControl.DisplayDb2ConnectImportWizard Method

Displays the DB2 Connect Import Wizard.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

	Name	Description
	<a href="#">DisplayDb2ConnectImportWizard()</a>	Displays the DB2 Connect Import Wizard.
	<a href="#">DisplayDb2ConnectImportWizard(IConnectionString)</a>	Displays the DB2 Connect Import Wizard.

See Also  
[DataAccessControl Class](#)  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)  
**DataAccessControl.DisplayDb2ConnectImportWizard Method ()**  
Displays the DB2 Connect Import Wizard.

Syntax  
C#

```
public static DialogResult DisplayDb2ConnectImportWizard()
```

```
C++
public:
static DialogResult DisplayDb2ConnectImportWizard()
```

```
F#
static member DisplayDb2ConnectImportWizard : unit -> DialogResult
```

```
VB
Public Shared Function DisplayDb2ConnectImportWizard As DialogResult
```

**Return Value**  
Type: [System.Windows.Forms.DialogResult](#)  
A DialogResult containing the results of the dialog.

[Return to top](#)  
**DataAccessControl.DisplayDb2ConnectImportWizard Method (IConnectionString)**  
Displays the DB2 Connect Import Wizard.

Syntax  
C#

```
public static DialogResult DisplayDb2ConnectImportWizard(
    out IConnectionString connString
)
```

```
C++
public:
static DialogResult DisplayDb2ConnectImportWizard(
    [OutAttribute] IConnectionString^% connString
)
```

F#

```
static member DisplayDb2ConnectImportWizard :  
    connString:IConnectionString byref -> DialogResult
```

VB

```
Public Shared Function DisplayDb2ConnectImportWizard (  
    <OutAttribute> ByRef connString As IConnectionString  
) As DialogResult
```

#### Parameters

*connString*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

Returns the connection string.

#### Return Value

Type: [System.Windows.Forms.DialogResult](#)

A DialogResult containing the results of the dialog.

[Return to top](#)

# DataAccessControl.DisplayDb2ConnectImportWizard Method ()

Displays the DB2 Connect Import Wizard.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDb2ConnectImportWizard As DialogResult
```

C#

```
public static DialogResult DisplayDb2ConnectImportWizard ()
```

C++

```
public:
static DialogResult DisplayDb2ConnectImportWizard ()
```

J#

```
public static DialogResult DisplayDb2ConnectImportWizard ()
```

JScript

```
public static function DisplayDb2ConnectImportWizard () : DialogResult
```

## Return Value

A DialogResult containing the results of the dialog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataContextControl.DisplayDb2ConnectImportWizard Method (out IConnectionString)

Displays the DB2 Connect Import Wizard.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function DisplayDb2ConnectImportWizard ( _
    <OutAttribute> ByRef connString As IConnectionString _
) As DialogResult
```

C#

```
public static DialogResult DisplayDb2ConnectImportWizard (
    out IConnectionString connString
)
```

C++

```
public:
static DialogResult DisplayDb2ConnectImportWizard (
    [OutAttribute] IConnectionString^% connString
)
```

J#

```
public static DialogResult DisplayDb2ConnectImportWizard (
    /** @attribute OutAttribute() */ /** @ref */ IConnectionString connString
)
```

JScript

## Parameters

connString

Returns the connection string.

## Return Value

A DialogResult containing the results of the dialog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataContextControl Class](#)

[DataContextControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.RunDataSourceWizardAsApplication Method

Runs the Data Source Wizard as an application.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub RunDataSourceWizardAsApplication
```

C#

```
public static void RunDataSourceWizardAsApplication ()
```

C++

```
public:
static void RunDataSourceWizardAsApplication ()
```

J#

```
public static void RunDataSourceWizardAsApplication ()
```

JScript

```
public static function RunDataSourceWizardAsApplication ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.SampleQuery Method

Performs a sample query that fetches a list of available tables or files from a data source.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function SampleQuery ( _
    connStr As IConnectionString _
) As DataTable
```

C#

```
public static DataTable SampleQuery (
    IConnectionString connStr
)
```

C++

```
public:
static DataTable^ SampleQuery (
    IConnectionString^ connStr
)
```

J#

```
public static DataTable SampleQuery (
    IConnectionString connStr
)
```

JScript

```
public static function SampleQuery (
    connStr : IConnectionString
) : DataTable
```

## Parameters

connStr

A connection string that represents the data source.

## Return Value

If successful, returns a data table with the values. Otherwise, **null**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.SampleQueryUI Method

Activates the Sample Query UI.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function SampleQueryUI ( _
    connStr As IConnectionString, _
    <OutAttribute> ByRef output As String _
) As DataTable
```

C#

```
public static DataTable SampleQueryUI (
    IConnectionString connStr,
    out string output
)
```

C++

```
public:
static DataTable^ SampleQueryUI (
    IConnectionString^ connStr,
    [OutAttribute] String^% output
)
```

J#

```
public static DataTable SampleQueryUI (
    IConnectionString connStr,
    /** @attribute OutAttribute() */ /** @ref */ String output
)
```

JScript

## Parameters

connStr

The connection string to use.

output

Returns the output of the sample query.

## Return Value

A DataTable containing the results of the sample query.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)





# DataAccessControl.TestConnection Method

Performs a test connection on a data source.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```

'Declaration
Public Shared Sub TestConnection ( _
    connStr As IConnectionString, _
    <OutAttribute> ByRef serverClass As String, _
    <OutAttribute> ByRef serverVersion As String _
)
```

C#

```

public static void TestConnection (
    IConnectionString connStr,
    out string serverClass,
    out string serverVersion
)
```

C++

```

public:
static void TestConnection (
    IConnectionString^ connStr,
    [OutAttribute] String^% serverClass,
    [OutAttribute] String^% serverVersion
)
```

J#

```

public static void TestConnection (
    IConnectionString connStr,
    /** @attribute OutAttribute() */ /** @ref */ String serverClass,
    /** @attribute OutAttribute() */ /** @ref */ String serverVersion
)
```

JScript

## Parameters

connStr

The connection string item.

serverClass

An output string that contains the server class.

serverVersion

An output string that contains the server version.

Remarks

## Exceptions

Exception	Condition
ConnectionException	The connection attempt failed.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessControl.TestConnectionUI Method

Exposes the test connection UI.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TestConnectionUI ( _
    connStr As IConnectionString, _
    <OutAttribute> ByRef output As String _
)
```

C#

```
public static void TestConnectionUI (
    IConnectionString connStr,
    out string output
)
```

C++

```
public:
static void TestConnectionUI (
    IConnectionString^ connStr,
    [OutAttribute] String^% output
)
```

J#

```
public static void TestConnectionUI (
    IConnectionString connStr,
    /** @attribute OutAttribute() */ /** @ref */ String output
)
```

JScript

## Parameters

connStr

The connection string to use.

output

Returns the output of the Test Connection UI.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessControl Class](#)

[DataAccessControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessHelp Class

This API supports the product infrastructure and is not intended to be used directly from your code.

Supports Data Access Help.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.DataAccessLibrary.DataAccessHelp**

Syntax

```
C#  
  
public class DataAccessHelp
```

```
C++  
  
public ref class DataAccessHelp
```

```
F#  
  
type DataAccessHelp = class end
```

```
VB  
  
Public Class DataAccessHelp
```

Constructors







	Name	Description
	<a href="#">DataAccessHelp()</a>	Initializes a new instance of the <b>DataAccessHelp</b> class.

Methods

	Name	Description
	<a href="#">DisplayHelp(String)</a>	Displays the help and its properties.
	<a href="#">DisplayHISHelp(String)</a>	
	<a href="#">DisplayOLEDBHelp(String)</a>	
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">UnloadDExplore()</a>	Unloads the explore view.

Fields

	Name	Description
	<a href="#">HIS_HELP_DAT</a>	Represents the HIS_HELP_DAT data access help key.
	<a href="#">HIS_HELP_DAT_HIS</a>	Represents the HIS_HELP_DAT_HIS data access help key.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE</a>	Defines the HIS_HELP_WIZARD_DATA_SOURCE.

 	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HIS</a>	The HIS_HELP_WIZARD_DATA_SOURCE_HIS.
 	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES data access help key.
 	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS data access help key.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# DataAccessHelp Members

Supports Data Access Help.







The following tables list the members exposed by the [DataAccessHelp](#) type.

## Public Constructors

Name	Description
<a href="#">DataAccessHelp</a>	Initializes a new instance of the <a href="#">DataAccessHelp</a> class.








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## Public Fields

	Name	Description
	<a href="#">HIS_HELP_DAT</a>	Represents the HIS_HELP_DAT data access help key.
	<a href="#">HIS_HELP_DAT_HIS</a>	Represents the HIS_HELP_DAT_HIS data access help key.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE</a>	Defines the HIS_HELP_WIZARD_DATA_SOURCE.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HIS</a>	The HIS_HELP_WIZARD_DATA_SOURCE_HIS.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES data access help key.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS data access help key.



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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">DisplayHelp</a>	Displays the help and its properties.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">UnloadDExplore</a>	Unloads the explore view.

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## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also







## Reference

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessHelp Fields

Public Fields

	Name	Description
	<a href="#">HIS_HELP_DAT</a>	Represents the HIS_HELP_DAT data access help key.
	<a href="#">HIS_HELP_DAT_HIS</a>	Represents the HIS_HELP_DAT_HIS data access help key.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE</a>	Defines the HIS_HELP_WIZARD_DATA_SOURCE.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HIS</a>	The HIS_HELP_WIZARD_DATA_SOURCE_HIS.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES data access help key.
	<a href="#">HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS</a>	Represents the HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS data access help key.

See Also

Reference

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessHelp.HIS\_HELP\_DAT Field

Represents the HIS\_HELP\_DAT data access help key.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_DAT
```

C++

```
public:  
literal String^ HIS_HELP_DAT
```

F#

```
static val mutable HIS_HELP_DAT : string
```

VB

```
Public Const HIS_HELP_DAT As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)



# DataAccessHelp.HIS\_HELP\_DAT\_HIS Field

Represents the HIS\_HELP\_DAT\_HIS data access help key.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_DAT_HIS
```

C++

```
public:  
literal String^ HIS_HELP_DAT_HIS
```

F#

```
static val mutable HIS_HELP_DAT_HIS : string
```

VB

```
Public Const HIS_HELP_DAT_HIS As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessHelp.HIS\_HELP\_WIZARD\_DATA\_SOURCE Field

Defines the HIS\_HELP\_WIZARD\_DATA\_SOURCE.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_WIZARD_DATA_SOURCE
```

C++

```
public:  
literal String^ HIS_HELP_WIZARD_DATA_SOURCE
```

F#

```
static val mutable HIS_HELP_WIZARD_DATA_SOURCE : string
```

VB

```
Public Const HIS_HELP_WIZARD_DATA_SOURCE As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessHelp.HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HIS Field

The HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HIS.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_WIZARD_DATA_SOURCE_HIS
```

C++

```
public:  
literal String^ HIS_HELP_WIZARD_DATA_SOURCE_HIS
```

F#

```
static val mutable HIS_HELP_WIZARD_DATA_SOURCE_HIS : string
```

VB

```
Public Const HIS_HELP_WIZARD_DATA_SOURCE_HIS As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessHelp.HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HOST\_FILES Field

Represents the HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HOST\_FILES data access help key.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES
```

C++

```
public:  
literal String^ HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES
```

F#

```
static val mutable HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES : string
```

VB

```
Public Const HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessHelp.HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HOST\_FILES\_HIS Field

Represents the HIS\_HELP\_WIZARD\_DATA\_SOURCE\_HOST\_FILES\_HIS data access help key.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS
```

C++

```
public:  
literal String^ HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS
```

F#

```
static val mutable HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS : string
```

VB

```
Public Const HIS_HELP_WIZARD_DATA_SOURCE_HOST_FILES_HIS As String
```

## Field Value

Type: [System.String](#)

See Also

[DataAccessHelp Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# DataAccessHelp Constructor

This constructor supports the infrastructure and is not intended to be used directly from your code.

Initializes a new instance of the [DataAccessHelp](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public DataAccessHelp ()
```

C++

```
public:
DataAccessHelp ()
```

J#

```
public DataAccessHelp ()
```

JScript

```
public function DataAccessHelp ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**








[DataAccessHelp Class](#)

[DataAccessHelp Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessHelp Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">DisplayHelp</a>	Displays the help and its properties.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">UnloadDExplore</a>	Unloads the explore view.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

Reference

- [DataAccessHelp Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessHelp.DisplayHelp Method

This method supports the infrastructure and is not intended to be used directly from your code.

Displays the help and its properties.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub DisplayHelp ( _
    topic As String _
)
```

C#

```
public static void DisplayHelp (
    string topic
)
```

C++

```
public:
static void DisplayHelp (
    String^ topic
)
```

J#

```
public static void DisplayHelp (
    String topic
)
```

JScript

```
public static function DisplayHelp (
    topic : String
)
```

## Parameters

topic

The topic.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessHelp Class](#)

[DataAccessHelp Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DataAccessHelp.UnloadDExplore Method

This method supports the infrastructure and is not intended to be used directly from your code.

Unloads the explore view.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub UnloadDExplore
```

C#

```
public static void UnloadDExplore ()
```

C++

```
public:
static void UnloadDExplore ()
```

J#

```
public static void UnloadDExplore ()
```

JScript

```
public static function UnloadDExplore ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[DataAccessHelp Class](#)

[DataAccessHelp Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings Class

Controls the computer settings for the Data Access Tool and Data Access Library.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.DataAccessSettings**

Syntax

C#

```
public class DataAccessSettings
```

C++

```
public ref class DataAccessSettings
```


F#

```
type DataAccessSettings = class end
```






VB

```
Public Class DataAccessSettings
```









Constructors

	Name	Description
	<a href="#">DataAccessSettings()</a>	Initializes a new instance of the <b>DataAccessSettings</b> class.

Properties

	Name	Description
	<a href="#">HcdPath</a>	Gets or sets the path of the file storing the host column descriptors.
	<a href="#">LocalFilePath</a>	Gets or sets the local files path.
	<a href="#">ShowCrtPkgWarning</a>	Gets or sets a value indicating whether to warn users before creating packages during the data source wizard.
	<a href="#">ShowWizardWelcome</a>	Gets or sets a value indicating whether to show the data source wizard welcome screen.
	<a href="#">UDLPath</a>	Gets or sets the default path where UDLs are located and saved in the Data Access Tool.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MakeHcdPath(String)</a>	Creates a full path to the host column descriptor file.
	<a href="#">MakeUDLPath(String)</a>	Creates a full path to a universal data link (UDL) file based on the default UDL directory.
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ShowWelcomePage(String)</a>	Shows the Welcome page.

	<a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )
---	----------------------------	---

Thread Safety  
Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)  
[Return to top](#)

# DataAccessSettings Members

Controls the computer settings for the Data Access Tool and Data Access Library.






The following tables list the members exposed by the [DataAccessSettings](#) type.

## Public Constructors

Name	Description
<a href="#">DataAccessSettings</a>	Initializes a new instance of the <a href="#">DataAccessSettings</a> class.









## Top

## Public Properties

	Name	Description
	<a href="#">HcdPath</a>	Gets or sets the path of the file storing the host column descriptors.
	<a href="#">LocalFilePath</a>	Gets or sets the local files path.
	<a href="#">ShowCrtPkgWarning</a>	Gets or sets a value indicating whether to warn users before creating packages during the data source wizard.
	<a href="#">ShowWizardWelcome</a>	Gets or sets a value indicating whether to show the data source wizard welcome screen.
	<a href="#">UDLPath</a>	Gets or sets the default path where UDLs are located and saved in the Data Access Tool.



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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MakeHcdPath</a>	Creates a full path to the host column descriptor file.
	<a href="#">MakeUDLPath</a>	Creates a full path to a universal data link (UDL) file based on the default UDL directory.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShowWelcomePage</a>	Shows the Welcome page.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[DataAccessSettings Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings Constructor

Initializes a new instance of the [DataAccessSettings](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public DataAccessSettings ()
```

C++

```
public:  
DataAccessSettings ()
```

J#

```
public DataAccessSettings ()
```

JScript

```
public function DataAccessSettings ()
```

Remarks

The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**













[DataAccessSettings Class](#)

[DataAccessSettings Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MakeHcdPath</a>	Creates a full path to the host column descriptor file.
 	<a href="#">MakeUDLPath</a>	Creates a full path to a universal data link (UDL) file based on the default UDL directory.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ShowWelcomePage</a>	Shows the Welcome page.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[DataAccessSettings Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.MakeHcdPath Method

Creates a full path to the host column descriptor file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function MakeHcdPath ( _
    name As String _
) As String
```

C#

```
public static string MakeHcdPath (
    string name
)
```

C++

```
public:
static String^ MakeHcdPath (
    String^ name
)
```

J#

```
public static String MakeHcdPath (
    String name
)
```

JScript

```
public static function MakeHcdPath (
    name : String
) : String
```

## Parameters

name

The name of the file. Do not include the file extension or file path.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.MakeUDLPath Method

Creates a full path to a universal data link (UDL) file based on the default UDL directory.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function MakeUDLPath ( _
    name As String _
) As String
```

C#

```
public static string MakeUDLPath (
    string name
)
```

C++

```
public:
static String^ MakeUDLPath (
    String^ name
)
```

J#

```
public static String MakeUDLPath (
    String name
)
```

JScript

```
public static function MakeUDLPath (
    name : String
) : String
```

## Parameters

name

The name of the file. Do not include the file extension or the path.

## Return Value

The full path of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DataAccessSettings.ShowWelcomePage Method

Shows the Welcome page.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ShowWelcomePage ( _
    _adapterName As String _
) As Boolean
```

C#

```
public static bool ShowWelcomePage (
    string _adapterName
)
```

C++

```
public:
static bool ShowWelcomePage (
    String^ _adapterName
)
```

J#

```
public static boolean ShowWelcomePage (
    String _adapterName
)
```

JScript

```
public static function ShowWelcomePage (
    _adapterName : String
) : boolean
```

## Parameters

\_adapterName

The name of the adapter.

## Return Value

**True** if the welcome page is shown; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference






[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings Properties

Public Properties

	Name	Description
	<a href="#">HcdPath</a>	Gets or sets the path of the file storing the host column descriptors.
	<a href="#">LocalFilePath</a>	Gets or sets the local files path.
	<a href="#">ShowCrtPkgWarning</a>	Gets or sets a value indicating whether to warn users before creating packages during the data source wizard.
	<a href="#">ShowWizardWelcome</a>	Gets or sets a value indicating whether to show the data source wizard welcome screen.
	<a href="#">UDLPath</a>	Gets or sets the default path where UDLs are located and saved in the Data Access Tool.

See Also

Reference

- [DataAccessSettings Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.HcdPath Property

Gets or sets the path of the file storing the host column descriptors.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property HcdPath As String
```

C#

```
public static string HcdPath { get; set; }
```

C++

```
public:
static property String^ HcdPath {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public static String get_HcdPath ()

/** @property */
public static void set_HcdPath (String value)
```

JScript

```
public static function get HcdPath () : String

public static function set HcdPath (value : String)
```

## Property Value

The host column descriptor file path.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.LocalFilePath Property

Gets or sets the local files path.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property LocalFilePath As String
```

C#

```
public static string LocalFilePath { get; set; }
```

C++

```
public:
static property String^ LocalFilePath {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public static String get_LocalFilePath ()

/** @property */
public static void set_LocalFilePath (String value)
```

JScript

```
public static function get LocalFilePath () : String

public static function set LocalFilePath (value : String)
```

## Property Value

The local files path.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.ShowCrtPkgWarning Property

Gets or sets a value indicating whether to warn users before creating packages during the data source wizard.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property ShowCrtPkgWarning As Boolean
```

C#

```
public static bool ShowCrtPkgWarning { get; set; }
```

C++

```
public:
static property bool ShowCrtPkgWarning {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public static boolean get_ShowCrtPkgWarning ()

/** @property */
public static void set_ShowCrtPkgWarning (boolean value)
```

JScript

```
public static function get ShowCrtPkgWarning () : boolean

public static function set ShowCrtPkgWarning (value : boolean)
```

## Property Value

**true** to warn users; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.ShowWizardWelcome Property

Gets or sets a value indicating whether to show the data source wizard welcome screen.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property ShowWizardWelcome As Boolean
```

C#

```
public static bool ShowWizardWelcome { get; set; }
```

C++

```
public:
static property bool ShowWizardWelcome {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public static boolean get_ShowWizardWelcome ()

/** @property */
public static void set_ShowWizardWelcome (boolean value)
```

JScript

```
public static function get ShowWizardWelcome () : boolean

public static function set ShowWizardWelcome (value : boolean)
```

## Property Value

**true** to show the Data Source Wizard Welcome screen; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataAccessSettings.UDLPath Property

Gets or sets the default path where UDLs are located and saved in the Data Access Tool.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property UDLPath As String
```

C#

```
public static string UDLPath { get; set; }
```

C++

```
public:
static property String^ UDLPath {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public static String get_UDLPath ()

/** @property */
public static void set_UDLPath (String value)
```

JScript

```
public static function get UDLPath () : String

public static function set UDLPath (value : String)
```

## Property Value

The default path for the UDLs.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DataAccessSettings Class](#)

[DataAccessSettings Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DataSourcePlatform Enumeration

Describes the type of platform the data is stored on.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public enum DataSourcePlatform
```

C++

```
public enum class DataSourcePlatform
```

F#

```
type DataSourcePlatform
```

VB

```
Public Enumeration DataSourcePlatform
```

Members

Member name	Description
<b>AS400FileSystem</b>	An AS/400 file system.
<b>Db26000</b>	A DB2 database running on a 6000-series system.
<b>Db2AS400</b>	Running a DB2 database on an AS/400 system.
<b>Db2MVS</b>	Running a DB2 database on an MVS system.
<b>Db2NT</b>	Running a DB2 database on a Windows operating system.
<b>LocalFile</b>	A local file.
<b>MainframeFileSystem</b>	A mainframe file system.
<b>None</b>	None.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# DB2OleDbConnectionString Class

Contains the DB2 OLEDB connection string.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
[Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)  
[Microsoft.HostIntegration.DataAccessLibrary.OleDbConnectionString](#)  
**Microsoft.HostIntegration.DataAccessLibrary.DB2OleDbConnectionString**

Syntax  
C#

```
[SerializableAttribute]  
public class DB2OleDbConnectionString : OleDbConnectionString
```

C++

```
[SerializableAttribute]  
public ref class DB2OleDbConnectionString : OleDbConnectionString
```



F#

```
[<SerializableAttribute>]  
type DB2OleDbConnectionString =  
    class  
        inherit OleDbConnectionString  
    end
```







VB


























```
<SerializableAttribute>  
Public Class DB2OleDbConnectionString  
    Inherits OleDbConnectionString
```































Constructors


	Name	Description
	<a href="#">DB2OleDbConnectionString(String, Boolean)</a>	Initializes a new instance of the <b>DB2OleDbConnectionString</b> class.
	<a href="#">DB2OleDbConnectionString(String, Boolean, IConnectionString)</a>	Initializes a new instance of the <b>DB2OleDbConnectionString</b> class using the specified name and connection string.

Properties





























	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Authentication</a>	Gets or sets the authentication.(Inherited from <a href="#">IConnectionString</a> .)

 AutoCommit	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.(Inherited from <a href="#">IConnectionString</a> .)
 BinaryCodepage	Gets or sets the binary codepage.(Inherited from <a href="#">IConnectionString</a> .)
 CacheAuthentication	Gets or sets a value that indicates whether a cache authentication is used.(Inherited from <a href="#">IConnectionString</a> .)
 CertificateCN	Gets or sets the certificate CN.(Inherited from <a href="#">IConnectionString</a> .)
 ClientAccounting	Gets or sets the client accounting.(Inherited from <a href="#">IConnectionString</a> .)
 ClientApplicationName	Gets or sets the client application name.(Inherited from <a href="#">IConnectionString</a> .)
 ClientUserID	Gets or sets the client user identification.(Inherited from <a href="#">IConnectionString</a> .)
 ClientWorkstationName	Gets or sets the client workstation name.(Inherited from <a href="#">IConnectionString</a> .)
 Comment	Gets or sets the additional information about the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionPooling	Gets or sets a value that determines if connection pooling is active.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.(Inherited from <a href="#">IConnectionString</a> .)
 DatabaseName	Gets or sets the database name.(Inherited from <a href="#">IConnectionString</a> .)
 DataSourceName	Gets or sets the name of the data source.(Inherited from <a href="#">IConnectionString</a> .)
 DateModified	Get or sets the date and time the connection string was modified.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsChar	Gets or sets a value that indicates whether date time is interpreted as a character.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsDate	Gets or sets a value that indicates whether the date time is interpreted as date.(Inherited from <a href="#">IConnectionString</a> .)
 DBMSPlatform	Gets or sets the type of database to which the connection string connects.(Inherited from <a href="#">IConnectionString</a> .)
 DecimalAsNumeric	(Inherited from <a href="#">IConnectionString</a> .)
 DefaultLibrary	Gets or sets the default library for the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information.(Inherited from <a href="#">IConnectionString</a> .)
 DeferPrepare	Gets or sets a value that indicates whether to defer preparation.(Inherited from <a href="#">IConnectionString</a> .)
 DeriveParameters	Gets or sets a value that determines if you can derive parameters.(Inherited from <a href="#">IConnectionString</a> .)
 EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined.(Inherited from <a href="#">IConnectionString</a> .)
 ExtendedProperties	Gets or sets the extended properties.(Inherited from <a href="#">IConnectionString</a> .)

 <a href="#">FilePath</a>	Gets the file path of the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
 <a href="#">HcdFileName</a>	Gets or sets the host column description file name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">HostName</a>	Gets the name of the host.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LoadBalancing</a>	(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LocalFolder</a>	Gets or sets the local folder.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Location</a>	Gets or sets the location.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Name</a>	Gets or sets the name of the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
 <a href="#">NetworkAddress</a>	Gets or sets the IP network address.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NetworkPort</a>	Gets or sets the network port ID.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NewPassword</a>	Gets or sets the new password.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">PackageCollection</a>	Gets or sets the name of the target collection.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Password</a>	Gets or sets the user password.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">PCCodepage</a>	Gets or sets the client PC code page.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU).(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">SecurityPrinciple</a>	Gets or set the security principle.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">ShadowCatalog</a>	(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UserName</a>	Gets or sets the name of the user.(Inherited from <a href="#">IConnectionString</a> .)

 <b>UseSingleSignOn</b>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).(Inherited from <a href="#">IConnectionString</a> .)
--	--

#### Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Clone()</a>	Creates a deep copy of the current instance.(Overrides <a href="#">IConnectionString.Clone()</a> .)
	<a href="#">CopyFrom(IConnectionString)</a>	Copies the connection string from the specified object.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">DeleteAsText()</a>	Determines if the connection string will be deleted as text.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Exists()</a>	Determines if the current instance is abstract or actually represents a connection string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">ExistsAsText()</a>	Determines if the connection string exists as text.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetKey(Int32)</a>	Retrieves the key from the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">GetString()</a>	Retrieves the connection string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">InternalDelete()</a>	Retrieves a value that indicates whether it deletes the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">InternalRename(String)</a>	Renames the current instance. (Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">IsSupported(Int32)</a>	Determines if the specified connection string type is supported.(Inherited from <a href="#">OleDbConnectionString</a> .)
	 <a href="#">IsUDL(String)</a>	Returns a value that describes if the specified file is a universal data link (UDL) file.
	<a href="#">Load()</a>	Retrieves the current instance. (Inherited from <a href="#">OleDbConnectionString</a> .)
	 <a href="#">MakePathFromIdentifier(String)</a>	Makes a path from the specified identifier.(Inherited from <a href="#">OleDbConnectionString</a> .)
	 <a href="#">MakeTextPathFromIdentifier(String)</a>	Creates a text path using the specified identifier.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	 <a href="#">ReadUDL(String)</a>	Returns a connection string for the specified file.
	<a href="#">Rename(String)</a>	Renames the connection string.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Save()</a>	Saves the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">SaveAsText()</a>	Saves the current instance as a text file.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">SetString(String)</a>	Sets the current string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# DB2OleDbConnectionString Members

Contains the DB2 OLEDB connection string.






The following tables list the members exposed by the [DB2OleDbConnectionString](#) type.

## Public Constructors

Name	Description
<a href="#">DB2OleDbConnectionString</a>	Overloaded. Initializes a new instance of the <a href="#">DB2OleDbConnectionString</a> class.






















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## Public Fields

	Name	Description
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text. (inherited from <a href="#">OleDbConnectionString</a> )

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## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )

 <a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">FilePath</a>	Gets the file path of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 <a href="#">Format</a>	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HcdFileName</a>	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">HostName</a>	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">LocalFolder</a>	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Location</a>	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Name</a>	Gets or sets the name of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 <a href="#">NetworkAddress</a>	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NetworkPort</a>	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">NewPassword</a>	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">PackageCollection</a>	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">Password</a>	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">PCCodepage</a>	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
 <a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
 <a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )













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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Overridden. Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsUDL</a>	Returns a value that describes if the specified file is a universal data link (UDL) file.
	<a href="#">Load</a>	Retrieves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ReadUDL</a>	Returns a connection string for the specified file.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SaveAsText</a>	Saves the current instance as a text file. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SetString</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateAndRetrieveConnectionString</a>	(inherited from <a href="#">OleDbConnectionString</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetKey</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">InternalDelete</a>	Retrieves a value that indicates whether it deletes the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">InternalRename</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">IsSupported</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MakePathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MakeTextPathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateLine1</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ValidateLine2</a>	(inherited from <a href="#">OleDbConnectionString</a> )

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See Also

#### Reference











[DB2OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DB2OleDbConnectionString Fields

## Public Fields

	Name	Description
 	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text. (inherited from <a href="#">OleDbConnectionString</a> )

See Also

### Reference

[DB2OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DB2OleDbConnectionString Constructor

Initializes a new instance of the [DB2OleDbConnectionString](#) class.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

Name	Description
 <a href="#">DB2OleDbConnectionString(String, Boolean)</a>	Initializes a new instance of the <a href="#">DB2OleDbConnectionString</a> class.
 <a href="#">DB2OleDbConnectionString(String, Boolean, IConnectionString)</a>	Initializes a new instance of the <a href="#">DB2OleDbConnectionString</a> class using the specified name and connection string.

See Also

[DB2OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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### DB2OleDbConnectionString Constructor (String, Boolean)

Initializes a new instance of the [DB2OleDbConnectionString](#) class.

Syntax

C#

```
public DB2OleDbConnectionString(  
    string name,  
    bool isFullPath  
)
```

C++

```
public:  
DB2OleDbConnectionString(  
    String^ name,  
    bool isFullPath  
)
```

F#

```
new :  
    name:string *  
    isFullPath:bool -> DB2OleDbConnectionString
```

VB

```
Public Sub New (  
    name As String,  
    isFullPath As Boolean  
)
```

### Parameters

*name*

Type: [System.String](#)  
Name of the connection string.

*isFullPath*

Type: [System.Boolean](#)  
**true** if the name contains the full connection string path; otherwise, **false**.

Remarks

If `isFullPath` is false, then the new instance is created using the default path for the connection string.

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### **DB2OleDbConnectionString Constructor (String, Boolean, IConnectionString)**

Initializes a new instance of the [DB2OleDbConnectionString](#) class using the specified name and connection string.

Syntax

C#

```
public DB2OleDbConnectionString(  
    string name,  
    bool isFullPath,  
    IConnectionString connStr  
)
```

C++

```
public:  
DB2OleDbConnectionString(  
    String^ name,  
    bool isFullPath,  
    IConnectionString^ connStr  
)
```

F#

```
new :  
    name:string *  
    isFullPath:bool *  
    connStr:IConnectionString -> DB2OleDbConnectionString
```

VB

```
Public Sub New (  
    name As String,  
    isFullPath As Boolean,  
    connStr As IConnectionString  
)
```

### **Parameters**

*name*

Type: [System.String](#)

Name of the connection string.

*isFullPath*

Type: [System.Boolean](#)

true if the name contains the full connection string; otherwise, false.

*connStr*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

The connection string.

Remarks

This constructor is designed as a copy constructor. Using `connStr`, you can create a new instance of an existing connection string and give it a new friendly name.

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# DB2OleDbConnectionString Constructor (String, Boolean)

Initializes a new instance of the [DB2OleDbConnectionString](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    isFullPath As Boolean _
)
```

C#

```
public DB2OleDbConnectionString (
    string name,
    bool isFullPath
)
```

C++

```
public:
    DB2OleDbConnectionString (
        String^ name,
        bool isFullPath
    )
```

J#

```
public DB2OleDbConnectionString (
    String name,
    boolean isFullPath
)
```

JScript

```
public function DB2OleDbConnectionString (
    name : String,
    isFullPath : boolean
)
```

## Parameters

name

Name of the connection string.

isFullPath

**true** if the name contains the full connection string path; otherwise, **false**.

Remarks

If isFullPath is false, then the new instance is created using the default path for the connection string.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DB2OleDbConnectionString Class](#)  
[DB2OleDbConnectionString Members](#)  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DB2OleDbConnectionString Constructor (String, Boolean, IConnectionString)

Initializes a new instance of the [DB2OleDbConnectionString](#) class using the specified name and connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    isFullPath As Boolean, _
    connStr As IConnectionString _
)
```

C#

```
public DB2OleDbConnectionString (
    string name,
    bool isFullPath,
    IConnectionString connStr
)
```

C++

```
public:
    DB2OleDbConnectionString (
        String^ name,
        bool isFullPath,
        IConnectionString^ connStr
    )
```

J#

```
public DB2OleDbConnectionString (
    String name,
    boolean isFullPath,
    IConnectionString connStr
)
```

JScript

```
public function DB2OleDbConnectionString (
    name : String,
    isFullPath : boolean,
    connStr : IConnectionString
)
```

## Parameters

name

Name of the connection string.

isFullPath

true if the name contains the full connection string; otherwise, false.

connStr

The connection string.

Remarks

This constructor is designed as a copy constructor. Using `connStr`, you can create a new instance of an existing connection string and give it a new friendly name.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**









[DB2OleDbConnectionString Class](#)

[DB2OleDbConnectionString Members](#)













[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DB2OleDbConnectionString Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Overridden. Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
	 <a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
	 <a href="#">IsUDL</a>	Returns a value that describes if the specified file is a universal data link (UDL) file.
	<a href="#">Load</a>	Retrieves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	 <a href="#">ReadUDL</a>	Returns a connection string for the specified file.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SaveAsText</a>	Saves the current instance as a text file. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SetString</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ValidateAndRetrieveConnectionString</a>	(inherited from <a href="#">OleDbConnectionString</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetKey</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">InternalDelete</a>	Retrieves a value that indicates whether it deletes the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">InternalRename</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">IsSupported</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MakePathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MakeTextPathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ValidateLine1</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	 <a href="#">ValidateLine2</a>	(inherited from <a href="#">OleDbConnectionString</a> )

See Also

## Reference

[DB2OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# DB2OleDbConnectionString.Clone Method

Creates a deep copy of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Clone As IConnectionString
```

C#

```
public override IConnectionString Clone ()
```

C++

```
public:
virtual IConnectionString^ Clone () override
```

J#

```
public IConnectionString Clone ()
```

JScript

```
public override function Clone () : IConnectionString
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[DB2OleDbConnectionString Class](#)

[DB2OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DB2OleDbConnectionString.IsUDL Method

Returns a value that describes if the specified file is a universal data link (UDL) file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsUDL ( _
    file As String _
) As Boolean
```

C#

```
public static bool IsUDL (
    string file
)
```

C++

```
public:
static bool IsUDL (
    String^ file
)
```

J#

```
public static boolean IsUDL (
    String file
)
```

JScript

```
public static function IsUDL (
    file : String
) : boolean
```

## Parameters

file

Name of the specified file.

## Return Value

**true** if the file is a UDL file; otherwise, **false**.

**Thread Safety** Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DB2OleDbConnectionString Class](#)

[DB2OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# DB2OleDbConnectionString.ReadUDL Method

Returns a connection string for the specified file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ReadUDL ( _
    file As String _
) As IConnectionString
```

C#

```
public static IConnectionString ReadUDL (
    string file
)
```

C++

```
public:
static IConnectionString^ ReadUDL (
    String^ file
)
```

J#

```
public static IConnectionString ReadUDL (
    String file
)
```

JScript

```
public static function ReadUDL (
    file : String
) : IConnectionString
```

## Parameters

file

Name of the file to return a connection string for.

## Return Value

An IConnectionString containing the connection string for the file in question.

Remarks

In addition to creating a connection string for the specified file, ReadUDL will load the file into active memory.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[DB2OleDbConnectionString Class](#)











[DB2OleDbConnectionString Members](#)













[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)











# DB2OleDbConnectionString Properties

## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )

	DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
	DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	DeferPrepare	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	DeriveParameters	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	ExtendedProperties	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	FilePath	Gets the file path of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	Format	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	HcdFileName	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	HostCCSID	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	HostName	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	InitialCatalog	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	IntegratedSecurity	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	LocalFolder	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	LocalLU	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	Location	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	MaxPoolSize	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	MetadataAssembly	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	Name	Gets or sets the name of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	NetworkAddress	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	NetworkLibrary	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	NetworkPort	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	NewPassword	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	PackageCollection	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	Password	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	PCCodepage	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	ReadOnly	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	RemoteLU	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )

	<a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

See Also

#### Reference

[DB2OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager Class

Manages the DB2 OLEDB provider.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.HisOleDbManager](#)

**Microsoft.HostIntegration.DataAccessLibrary.Db2OleDbManager**

Syntax

C#

```
public class Db2OleDbManager : HisOleDbManager
```

C++

```
public ref class Db2OleDbManager : HisOleDbManager
```


F#

```
type Db2OleDbManager =  
    class  
        inherit HisOleDbManager  
    end
```


VB

```
Public Class Db2OleDbManager  
    Inherits HisOleDbManager
```










Constructors

	Name	Description
	<a href="#">Db2OleDbManager()</a>	Creates a new instance of the <b>Db2OleDbManager</b> class.



Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type.(Inherited from <a href="#">HisOleDbManager</a> .)

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetDataSources(Int32)</a>	Retrieves a data source, based on the specified index.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetProviderConnStringType(Int32)</a>	Retrieves the types of supported provider connection strings, based on the specified index type.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">IsInstalled()</a>	Determines if the HIS OLEDB manager is installed.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">IsUDL(String)</a>	Determines if the specified file is a UDL file.(Overrides <a href="#">HisOleDbManager.IsUDL(String)</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)



 <a href="#">ReadUDL(String)</a>	Reads and retrieves the connection string from the specified UDL file.(Overrides <a href="#">HisOleDbManager.ReadUDL(String)</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# Db2OleDbManager Members

Manages the DB2 OLEDB provider.


The following tables list the members exposed by the [Db2OleDbManager](#) type.

## Public Constructors

Name	Description
<a href="#">Db2OleDbManager</a>	Creates a new instance of the <a href="#">Db2OleDbManager</a> class.












[Top](#)

## Public Properties

Name	Description
 <a href="#">DataSourceTypeCount</a>	Gets the index of the data source type. (inherited from <a href="#">HisOleDbManager</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetDataSources</a>	(inherited from <a href="#">HisOleDbManager</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetProviderConnStringType</a>	(inherited from <a href="#">HisOleDbManager</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed. (inherited from <a href="#">HisOleDbManager</a> )
 <a href="#">IsUDL</a>	Overridden. Determines if the specified file is a UDL file.
 <a href="#">ReadUDL</a>	Overridden. Reads and retrieves the connection string from the specified UDL file.
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

[Top](#)

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

## Reference

[Db2OleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager Constructor

Creates a new instance of the [Db2OleDbManager](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public Db2OleDbManager ()
```

C++

```
public:  
Db2OleDbManager ()
```

J#

```
public Db2OleDbManager ()
```

JScript

```
public function Db2OleDbManager ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**












[Db2OleDbManager Class](#)

[Db2OleDbManager Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDataSources</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProviderConnStringType</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed. (inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">IsUDL</a>	Overridden. Determines if the specified file is a UDL file.
	<a href="#">ReadUDL</a>	Overridden. Reads and retrieves the connection string from the specified UDL file.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[Db2OleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager.IsUDL Method

Determines if the specified file is a UDL file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IsUDL ( _
    path As String _
) As Boolean
```

C#

```
public override bool IsUDL (
    string path
)
```

C++

```
public:
virtual bool IsUDL (
    String^ path
) override
```

J#

```
public boolean IsUDL (
    String path
)
```

JScript

```
public override function IsUDL (
    path : String
) : boolean
```

## Parameters

path

Path to the specified file.

## Return Value

**true** if the file is a UDL file; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Db2OleDbManager Class](#)

[Db2OleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager.ReadUDL Method

Reads and retrieves the connection string from the specified UDL file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ReadUDL ( _
    path As String _
) As IConnectionString
```

C#

```
public override IConnectionString ReadUDL (
    string path
)
```

C++

```
public:
virtual IConnectionString^ ReadUDL (
    String^ path
) override
```

J#

```
public IConnectionString ReadUDL (
    String path
)
```

JScript

```
public override function ReadUDL (
    path : String
) : IConnectionString
```

## Parameters

path

Path to the specified UDL file.

## Return Value

A connection string using the values contained in the UDL file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[Db2OleDbManager Class](#)

[Db2OleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Db2OleDbManager Properties

Public Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type. (inherited from <a href="#">HisOleDbManager</a> )

See Also

Reference

- [Db2OleDbManager Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString Class

Contains a file system OLEDB connection string.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
[Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)  
[Microsoft.HostIntegration.DataAccessLibrary.OleDbConnectionString](#)  
**Microsoft.HostIntegration.DataAccessLibrary.FileSysOleDbConnectionString**

Syntax  
C#

```
[SerializableAttribute]
public class FileSysOleDbConnectionString : OleDbConnectionString
```

C++

```
[SerializableAttribute]
public ref class FileSysOleDbConnectionString : OleDbConnectionString
```



F#

```
[<SerializableAttribute>]
type FileSysOleDbConnectionString =
    class
        inherit OleDbConnectionString
    end
```







VB

```
<SerializableAttribute>
Public Class FileSysOleDbConnectionString
    Inherits OleDbConnectionString
```


























Constructors





















	Name	Description
	<a href="#">FileSysOleDbConnectionString(String, Boolean)</a>	Initializes a new instance of the <b>FileSysOleDbConnectionString</b> class using the specified name.
	<a href="#">FileSysOleDbConnectionString(String, Boolean, IConnectionString)</a>	Initializes a new instance of the <b>FileSysOleDbConnectionString</b> class.


Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Authentication</a>	Gets or sets the authentication.(Inherited from <a href="#">IConnectionString</a> .)

































 AutoCommit	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.(Inherited from <a href="#">IConnectionString</a> .)
 BinaryCodepage	Gets or sets the binary codepage.(Inherited from <a href="#">IConnectionString</a> .)
 CacheAuthentication	Gets or sets a value that indicates whether a cache authentication is used.(Inherited from <a href="#">IConnectionString</a> .)
 CertificateCN	Gets or sets the certificate CN.(Inherited from <a href="#">IConnectionString</a> .)
 ClientAccounting	Gets or sets the client accounting.(Inherited from <a href="#">IConnectionString</a> .)
 ClientApplicationName	Gets or sets the client application name.(Inherited from <a href="#">IConnectionString</a> .)
 ClientUserID	Gets or sets the client user identification.(Inherited from <a href="#">IConnectionString</a> .)
 ClientWorkstationName	Gets or sets the client workstation name.(Inherited from <a href="#">IConnectionString</a> .)
 Comment	Gets or sets the additional information about the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionPooling	Gets or sets a value that determines if connection pooling is active.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.(Inherited from <a href="#">IConnectionString</a> .)
 DatabaseName	Gets or sets the database name.(Inherited from <a href="#">IConnectionString</a> .)
 DataSourceName	Gets or sets the name of the data source.(Inherited from <a href="#">IConnectionString</a> .)
 DateModified	Get or sets the date and time the connection string was modified.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsChar	Gets or sets a value that indicates whether date time is interpreted as a character.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsDate	Gets or sets a value that indicates whether the date time is interpreted as date.(Inherited from <a href="#">IConnectionString</a> .)
 DBMSPlatform	Gets or sets the type of database to which the connection string connects.(Inherited from <a href="#">IConnectionString</a> .)
 DecimalAsNumeric	(Inherited from <a href="#">IConnectionString</a> .)
 DefaultLibrary	Gets or sets the default library for the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information.(Inherited from <a href="#">IConnectionString</a> .)
 DeferPrepare	Gets or sets a value that indicates whether to defer preparation.(Inherited from <a href="#">IConnectionString</a> .)
 DeriveParameters	Gets or sets a value that determines if you can derive parameters.(Inherited from <a href="#">IConnectionString</a> .)
 EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined.(Inherited from <a href="#">IConnectionString</a> .)
 ExtendedProperties	Gets or sets the extended properties.(Inherited from <a href="#">IConnectionString</a> .)

 <a href="#">FilePath</a>	Gets the file path of the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
 <a href="#">HcdFileName</a>	Gets or sets the host column description file name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">HostName</a>	Gets the name of the host.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LoadBalancing</a>	(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LocalFolder</a>	Gets or sets the local folder.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Location</a>	Gets or sets the location.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Name</a>	Gets or sets the name of the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
 <a href="#">NetworkAddress</a>	Gets or sets the IP network address.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NetworkPort</a>	Gets or sets the network port ID.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">NewPassword</a>	Gets or sets the new password.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">PackageCollection</a>	Gets or sets the name of the target collection.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">Password</a>	Gets or sets the user password.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">PCCodepage</a>	Gets or sets the client PC code page.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU).(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">SecurityPrinciple</a>	Gets or set the security principle.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">ShadowCatalog</a>	(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used.(Inherited from <a href="#">IConnectionString</a> .)
 <a href="#">UserName</a>	Gets or sets the name of the user.(Inherited from <a href="#">IConnectionString</a> .)

 <b>UseSingleSignOn</b>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).(Inherited from <a href="#">IConnectionString</a> .)
--	--

#### Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Clone()</a>	Creates a deep copy of the current instance.(Overrides <a href="#">IConnectionString.Clone()</a> .)
	<a href="#">CopyFrom(IConnectionString)</a>	Copies the connection string from the specified object.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">DeleteAsText()</a>	Determines if the connection string will be deleted as text.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Exists()</a>	Determines if the current instance is abstract or actually represents a connection string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">ExistsAsText()</a>	Determines if the connection string exists as text.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetKey(Int32)</a>	Retrieves the key.(Overrides <a href="#">OleDbConnectionString.GetKey(Int32)</a> .)
	<a href="#">GetString()</a>	Retrieves the connection string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">InternalDelete()</a>	Retrieves a value that indicates whether it deletes the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">InternalRename(String)</a>	Renames the current instance. (Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">IsSupported(Int32)</a>	Determines whether the specified key is supported.(Overrides <a href="#">OleDbConnectionString.IsSupported(Int32)</a> .)
	 <a href="#">IsUDL(String)</a>	Determines if the specified file name describes a universal data link (UDL).
	<a href="#">Load()</a>	Retrieves the current instance. (Inherited from <a href="#">OleDbConnectionString</a> .)
	 <a href="#">MakePathFromIdentifier(String)</a>	Makes a path from the specified identifier.(Inherited from <a href="#">OleDbConnectionString</a> .)
	 <a href="#">MakeTextPathFromIdentifier(String)</a>	Creates a text path using the specified identifier.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	 <a href="#">ReadUDL(String)</a>	Returns a connection string for the specified file.
	<a href="#">Rename(String)</a>	Renames the connection string.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Save()</a>	Saves the current instance.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">SaveAsText()</a>	Saves the current instance as a text file.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">SetString(String)</a>	Sets the current string.(Inherited from <a href="#">OleDbConnectionString</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# FileSysOleDbConnectionString Members

Contains a file system OLEDB connection string.






The following tables list the members exposed by the [FileSysOleDbConnectionString](#) type.

## Public Constructors

Name	Description
<a href="#">FileSysOleDbConnectionString</a>	Overloaded. Initializes a new instance of the <a href="#">FileSysOleDbConnectionString</a> class.






















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## Public Fields

	Name	Description
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text. (inherited from <a href="#">OleDbConnectionString</a> )

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## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )

	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ExtendedProperties</a>	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">FilePath</a>	Gets the file path of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">Format</a>	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HcdFileName</a>	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HostName</a>	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">InitialCatalog</a>	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">IntegratedSecurity</a>	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">LocalFolder</a>	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Location</a>	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Name</a>	Gets or sets the name of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">NetworkAddress</a>	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NetworkPort</a>	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NewPassword</a>	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">PackageCollection</a>	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Password</a>	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">PCCodepage</a>	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )













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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Overridden. Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsUDL</a>	Determines if the specified file name describes a universal data link (UDL).
	<a href="#">Load</a>	Retrieves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ReadUDL</a>	Returns a connection string for the specified file.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SaveAsText</a>	Saves the current instance as a text file. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SetString</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateAndRetrieveConnectionString</a>	(inherited from <a href="#">OleDbConnectionString</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetKey</a>	Overridden. Retrieves the key.
	<a href="#">InternalDelete</a>	Retrieves a value that indicates whether it deletes the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">InternalRename</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">IsSupported</a>	Overridden. Determines whether the specified key is supported.
	<a href="#">MakePathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MakeTextPathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateLine1</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ValidateLine2</a>	(inherited from <a href="#">OleDbConnectionString</a> )

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See Also











#### Reference

[FileSysOleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString Fields

Public Fields

	Name	Description
 	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text. (inherited from <a href="#">OleDbConnectionString</a> )

See Also

Reference

- [FileSysOleDbConnectionString Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)





# FileSysOleDbConnectionString Constructor

Initializes a new instance of the [FileSysOleDbConnectionString](#) class.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** [Microsoft.HostIntegration.DataAccessLibrary](#) (in [Microsoft.HostIntegration.DataAccessLibrary.dll](#))

## Overload List

Name	Description
 <a href="#">FileSysOleDbConnectionString(String, Boolean)</a>	Initializes a new instance of the <a href="#">FileSysOleDbConnectionString</a> class using the specified name.
 <a href="#">FileSysOleDbConnectionString(String, Boolean, IConnectionString)</a>	Initializes a new instance of the <a href="#">FileSysOleDbConnectionString</a> class.

See Also

[FileSysOleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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### FileSysOleDbConnectionString Constructor (String, Boolean)

Initializes a new instance of the [FileSysOleDbConnectionString](#) class using the specified name.

## Syntax

C#

```
public FileSysOleDbConnectionString(  
    string name,  
    bool isFullPath  
)
```

C++

```
public:  
FileSysOleDbConnectionString(  
    String^ name,  
    bool isFullPath  
)
```

F#

```
new :  
    name:string *  
    isFullPath:bool -> FileSysOleDbConnectionString
```

VB

```
Public Sub New (  
    name As String,  
    isFullPath As Boolean  
)
```

## Parameters

*name*

Type: [System.String](#)

Name of the connection string.

*isFullPath*

Type: [System.Boolean](#)

**true** if the connection string contains the full path; otherwise, **false**.

## Remarks

If `isFullPath` is false, then the instance is created using the default file path.

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### **FileSysOleDbConnectionString Constructor (String, Boolean, IConnectionString)**

Initializes a new instance of the [FileSysOleDbConnectionString](#) class.

Syntax

C#

```
public FileSysOleDbConnectionString(  
    string name,  
    bool isFullPath,  
    IConnectionString connStr  
)
```

C++

```
public:  
FileSysOleDbConnectionString(  
    String^ name,  
    bool isFullPath,  
    IConnectionString^ connStr  
)
```

F#

```
new :  
    name:string *  
    isFullPath:bool *  
    connStr:IConnectionString -> FileSysOleDbConnectionString
```

VB

```
Public Sub New (  
    name As String,  
    isFullPath As Boolean,  
    connStr As IConnectionString  
)
```

### **Parameters**

*name*

Type: [System.String](#)

Name of the connection string.

*isFullPath*

Type: [System.Boolean](#)

**true** if the connection string contains the full path; otherwise, **false**.

*connStr*

Type: [Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

An [IConnectionString](#) containing an existing connection string.

Remarks

If `isFullPath` is false, then the instance is created using the default file path.

This constructor is designed as a copy constructor. Using `connStr`, you can create a new instance of an existing connection string and give it a new friendly name.

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# FileSysOleDbConnectionString Constructor (String, Boolean)

Initializes a new instance of the [FileSysOleDbConnectionString](#) class using the specified name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    isFullPath As Boolean _
)
```

C#

```
public FileSysOleDbConnectionString (
    string name,
    bool isFullPath
)
```

C++

```
public:
FileSysOleDbConnectionString (
    String^ name,
    bool isFullPath
)
```

J#

```
public FileSysOleDbConnectionString (
    String name,
    boolean isFullPath
)
```

JScript

```
public function FileSysOleDbConnectionString (
    name : String,
    isFullPath : boolean
)
```

## Parameters

name

Name of the connection string.

isFullPath

**true** if the connection string contains the full path; otherwise, **false**.

Remarks

If isFullPath is false, then the instance is created using the default file path.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FileSysOleDbConnectionString Class](#)  
[FileSysOleDbConnectionString Members](#)  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString Constructor (String, Boolean, IConnectionString)

Initializes a new instance of the [FileSysOleDbConnectionString](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    isFullPath As Boolean, _
    connStr As IConnectionString _
)
```

C#

```
public FileSysOleDbConnectionString (
    string name,
    bool isFullPath,
    IConnectionString connStr
)
```

C++

```
public:
FileSysOleDbConnectionString (
    String^ name,
    bool isFullPath,
    IConnectionString^ connStr
)
```

J#

```
public FileSysOleDbConnectionString (
    String name,
    boolean isFullPath,
    IConnectionString connStr
)
```

JScript

```
public function FileSysOleDbConnectionString (
    name : String,
    isFullPath : boolean,
    connStr : IConnectionString
)
```

## Parameters

name

Name of the connection string.

isFullPath

**true** if the connection string contains the full path; otherwise, **false**.

connStr

An IConnectionString containing an existing connection string.

Remarks

If `isFullPath` is false, then the instance is created using the default file path.

This constructor is designed as a copy constructor. Using `connStr`, you can create a new instance of an existing connection string and give it a new friendly name.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[FileSysOleDbConnectionString Class](#)

[FileSysOleDbConnectionString Members](#)





















[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Overridden. Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
 	<a href="#">IsUDL</a>	Determines if the specified file name describes a universal data link (UDL).
	<a href="#">Load</a>	Retrieves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ReadUDL</a>	Returns a connection string for the specified file.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SaveAsText</a>	Saves the current instance as a text file. (inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">SetString</a>	(inherited from <a href="#">OleDbConnectionString</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateAndRetrieveConnectionString</a>	(inherited from <a href="#">OleDbConnectionString</a> )

Protected Methods

	Name	Description
 	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">GetKey</a>	Overridden. Retrieves the key.
 	<a href="#">InternalDelete</a>	Retrieves a value that indicates whether it deletes the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">InternalRename</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">IsSupported</a>	Overridden. Determines whether the specified key is supported.
 	<a href="#">MakePathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">MakeTextPathFromIdentifier</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateLine1</a>	(inherited from <a href="#">OleDbConnectionString</a> )
 	<a href="#">ValidateLine2</a>	(inherited from <a href="#">OleDbConnectionString</a> )

See Also

## Reference

[FileSysOleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString.Clone Method

Creates a deep copy of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Clone As IConnectionString
```

C#

```
public override IConnectionString Clone ()
```

C++

```
public:
virtual IConnectionString^ Clone () override
```

J#

```
public IConnectionString Clone ()
```

JScript

```
public override function Clone () : IConnectionString
```

## Return Value

A deep copy of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FileSysOleDbConnectionString Class](#)

[FileSysOleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# FileSysOleDbConnectionString.GetKey Method

Retrieves the key.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetKey ( _
    key As Integer _
) As String
```

C#

```
protected override string GetKey (
    int key
)
```

C++

```
protected:
virtual String^ GetKey (
    int key
) override
```

J#

```
protected String GetKey (
    int key
)
```

JScript

```
protected override function GetKey (
    key : int
) : String
```

## Parameters

key

The number of the key to retrieve.

## Return Value

The key.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FileSysOleDbConnectionString Class](#)

[FileSysOleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString.IsSupported Method

Determines whether the specified key is supported.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function IsSupported ( _
    key As Integer _
) As Boolean
```

C#

```
protected override bool IsSupported (
    int key
)
```

C++

```
protected:
virtual bool IsSupported (
    int key
) override
```

J#

```
protected boolean IsSupported (
    int key
)
```

JScript

```
protected override function IsSupported (
    key : int
) : boolean
```

## Parameters

key

Number of the specified key.

## Return Value

**true** if the key is supported; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FileSysOleDbConnectionString Class](#)

[FileSysOleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString.IsUDL Method

Determines if the specified file name describes a universal data link (UDL).

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsUDL ( _
    file As String _
) As Boolean
```

C#

```
public static bool IsUDL (
    string file
)
```

C++

```
public:
static bool IsUDL (
    String^ file
)
```

J#

```
public static boolean IsUDL (
    String file
)
```

JScript

```
public static function IsUDL (
    file : String
) : boolean
```

## Parameters

file

Path to the specified file.

## Return Value

**true** if the file is a UDL; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FileSysOleDbConnectionString Class](#)

[FileSysOleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString.ReadUDL Method

Returns a connection string for the specified file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ReadUDL ( _
    file As String _
) As IConnectionString
```

C#

```
public static IConnectionString ReadUDL (
    string file
)
```

C++

```
public:
static IConnectionString^ ReadUDL (
    String^ file
)
```

J#

```
public static IConnectionString ReadUDL (
    String file
)
```

JScript

```
public static function ReadUDL (
    file : String
) : IConnectionString
```

## Parameters

file

Name of the file to return a connection string for.

## Return Value

An IConnectionString containing the connection string for the file in question.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference










[FileSysOleDbConnectionString Class](#)













[FileSysOleDbConnectionString Members](#)









[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# FileSysOleDbConnectionString Properties

## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )

	DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
	DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	DeferPrepare	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	DeriveParameters	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	ExtendedProperties	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	FilePath	Gets the file path of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	Format	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	HcdFileName	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	HostCCSID	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	HostName	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	InitialCatalog	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	IntegratedSecurity	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	LocalFolder	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	LocalLU	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	Location	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	MaxPoolSize	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	MetadataAssembly	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	Name	Gets or sets the name of the current instance. (inherited from <a href="#">OleDbConnectionString</a> )
	NetworkAddress	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	NetworkLibrary	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	NetworkPort	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	NewPassword	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	PackageCollection	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	Password	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	PCCodepage	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	ReadOnly	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	RemoteLU	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )

	<a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

See Also

#### Reference

[FileSysOleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn Class

Describes a host column description (HCD) column.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.IHcdItem](#)

**Microsoft.HostIntegration.DataAccessLibrary.HcdColumn**

Syntax

C#

```
[SerializableAttribute]
public sealed class HcdColumn : IHcdItem
```

C++

```
[SerializableAttribute]
public ref class HcdColumn sealed : IHcdItem
```













F#

```
[<Sealed>]
[<SerializableAttribute>]
type HcdColumn =
    class
        inherit IHcdItem
    end
```

VB











```
<SerializableAttribute>
Public NotInheritable Class HcdColumn
    Inherits IHcdItem
```

Properties


	Name	Description
	<a href="#">ColumnNumber</a>	Gets or sets the column number.
	<a href="#">Comment</a>	Gets or sets the comment associated with the column.
	<a href="#">HostCCSID</a>	Gets or sets the host CCSID.
	<a href="#">Label</a>	Gets or sets the column label.
	<a href="#">Length</a>	Gets or sets the column length.
	<a href="#">Name</a>	Gets or sets the column name.(Overrides <a href="#">IHcdItem.Name</a> .)
	<a href="#">Nullable</a>	Determines if the column can be <b>null</b> .
	<a href="#">Precision</a>	Gets or sets the precision of the column.
	<a href="#">Scale</a>	Gets or sets the scale of the column.
	<a href="#">SqlTypeHost</a>	Gets or sets the type of the SQL host.
	<a href="#">SqlTypeLocal</a>	Gets or sets the SQL type of the local host.
	<a href="#">UseQualifier</a>	Determines whether the column uses qualifiers.



## Methods

	Name	Description
	<a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Load()</a>	Loads the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	<a href="#">MoveDown()</a>	Moves the column down.
	<a href="#">MoveUp()</a>	Moves the column up.
	<a href="#">Rename(String)</a>	Renames the column to the specified name.(Overrides <a href="#">IHcdItem.Rename(String)</a> .)
	<a href="#">Save()</a>	Saves the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

## Fields

	Name	Description
	<a href="#">Format</a>	The format of the column.

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


[Return to top](#)

# HcdColumn Members

Describes a host column description (HCD) column.













The following tables list the members exposed by the [HcdColumn](#) type.

## Public Fields

	Name	Description
	<a href="#">Format</a>	The format of the column.


## Top

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">ColumnNumber</a>	Gets or sets the column number.
	<a href="#">Comment</a>	Gets or sets the comment associated with the column.
	<a href="#">HostCCSID</a>	Gets or sets the host CCSID.
	<a href="#">Label</a>	Gets or sets the column label.
	<a href="#">Length</a>	Gets or sets the column length.
	<a href="#">Name</a>	Overridden. Gets or sets the column name.
	<a href="#">Nullable</a>	Determines if the column can be <b>null</b> .
	<a href="#">Precision</a>	Gets or sets the precision of the column.
	<a href="#">Scale</a>	Gets or sets the scale of the column.
	<a href="#">SqlTypeHost</a>	Gets or sets the type of the SQL host.
	<a href="#">SqlTypeLocal</a>	Gets or sets the SQL type of the local host.
	<a href="#">UseQualifier</a>	Determines whether the column uses qualifiers.













## Top

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )








## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MoveDown</a>	Moves the column down.
	<a href="#">MoveUp</a>	Moves the column up.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Overridden. Renames the column to the specified name.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also



**Reference**

HcdColumn Class

Microsoft.HostIntegration.DataAccessLibrary Namespace

# HcdColumn Fields

Public Fields

	Name	Description
 	<a href="#">Format</a>	The format of the column.

See Also

**Reference**

[HcdColumn Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Format Field

The format of the column.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public static DataFormats.Format Format
```

C++

```
public:  
static DataFormats::Format^ Format
```

F#

```
static val mutable Format : DataFormats.Format
```

VB

```
Public Shared Format As DataFormats.Format
```

## Field Value

Type: [System.Windows.Forms.DataFormats.Format](#)

See Also













[HcdColumn Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)








[Return to top](#)

# HcdColumn Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MoveDown</a>	Moves the column down.
	<a href="#">MoveUp</a>	Moves the column up.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Overridden. Renames the column to the specified name.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HcdColumn Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.MoveDown Method

Moves the column down.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub MoveDown
```

C#

```
public void MoveDown ()
```

C++

```
public:  
void MoveDown ()
```

J#

```
public void MoveDown ()
```

JScript

```
public function MoveDown ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.MoveUp Method

Moves the column up.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub MoveUp
```

C#

```
public void MoveUp ()
```

C++

```
public:  
void MoveUp ()
```

J#

```
public void MoveUp ()
```

JScript

```
public function MoveUp ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdColumn.Rename Method

Renames the column to the specified name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Rename ( _
    newName As String _
)
```

C#

```
public override void Rename (
    string newName
)
```

C++

```
public:
virtual void Rename (
    String^ newName
) override
```

J#

```
public void Rename (
    String newName
)
```

JScript

```
public override function Rename (
    newName : String
)
```

## Parameters

newName

The new name of the column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference













[HcdColumn Class](#)

[HcdColumn Members](#)


[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">ColumnNumber</a>	Gets or sets the column number.
	<a href="#">Comment</a>	Gets or sets the comment associated with the column.
	<a href="#">HostCCSID</a>	Gets or sets the host CCSID.
	<a href="#">Label</a>	Gets or sets the column label.
	<a href="#">Length</a>	Gets or sets the column length.
	<a href="#">Name</a>	Overridden. Gets or sets the column name.
	<a href="#">Nullable</a>	Determines if the column can be <b>null</b> .
	<a href="#">Precision</a>	Gets or sets the precision of the column.
	<a href="#">Scale</a>	Gets or sets the scale of the column.
	<a href="#">SqlTypeHost</a>	Gets or sets the type of the SQL host.
	<a href="#">SqlTypeLocal</a>	Gets or sets the SQL type of the local host.
	<a href="#">UseQualifier</a>	Determines whether the column uses qualifiers.

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )

See Also

## Reference

[HcdColumn Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.ColumnNumber Property

Gets or sets the column number.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property ColumnNumber As Integer
```

C#

```
public int ColumnNumber { get; }
```

C++

```
public:  
property int ColumnNumber {  
    int get ();  
}
```

J#

```
/** @property */  
public int get_ColumnNumber ()
```

JScript

```
public function get ColumnNumber () : int
```

## Property Value

The column number.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Comment Property

Gets or sets the comment associated with the column.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Comment As String
```

C#

```
public string Comment { get; set; }
```

C++

```
public:
property String^ Comment {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Comment ()

/** @property */
public void set_Comment (String value)
```

JScript

```
public function get Comment () : String

public function set Comment (value : String)
```

## Property Value

The associated comment.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.HostCCSID Property

Gets or sets the host CCSID.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HostCCSID As Integer
```

C#

```
public int HostCCSID { get; set; }
```

C++

```
public:
property int HostCCSID {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCCSID ()

/** @property */
public void set_HostCCSID (int value)
```

JScript

```
public function get HostCCSID () : int

public function set HostCCSID (value : int)
```

## Property Value

The host CCSID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Label Property

Gets or sets the column label.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Property Label As String
```

C#

```
public string Label { get; set; }
```

C++

```
public:  
property String^ Label {  
    String^ get ();  
    void set (String^ value);  
}
```

J#

```
/** @property */  
public String get_Label ()  
  
/** @property */  
public void set_Label (String value)
```

JScript

```
public function get Label () : String  
  
public function set Label (value : String)
```

## Property Value

The column label.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Length Property

Gets or sets the column length.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Length As Integer
```

C#

```
public int Length { get; set; }
```

C++

```
public:
property int Length {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Length ()

/** @property */
public void set_Length (int value)
```

JScript

```
public function get Length () : int

public function set Length (value : int)
```

## Property Value

The column length.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Name Property

Gets or sets the column name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Name As String
```

C#

```
public override string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public override function get Name () : String

public override function set Name (value : String)
```

## Property Value

The column name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdColumn.Nullable Property

Determines if the column can be **null**.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Nullable As Boolean
```

C#

```
public bool Nullable { get; set; }
```

C++

```
public:
property bool Nullable {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_Nullable ()

/** @property */
public void set_Nullable (boolean value)
```

JScript

```
public function get Nullable () : boolean

public function set Nullable (value : boolean)
```

## Property Value

**true** if the column is nullable; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Precision Property

Gets or sets the precision of the column.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Precision As Integer
```

C#

```
public int Precision { get; set; }
```

C++

```
public:
property int Precision {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Precision ()

/** @property */
public void set_Precision (int value)
```

JScript

```
public function get Precision () : int

public function set Precision (value : int)
```

## Property Value

The precision of the column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.Scale Property

Gets or sets the scale of the column.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Scale As Integer
```

C#

```
public int Scale { get; set; }
```

C++

```
public:
property int Scale {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Scale ()

/** @property */
public void set_Scale (int value)
```

JScript

```
public function get Scale () : int

public function set Scale (value : int)
```

## Property Value

The scale of the column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.SqlTypeHost Property

Gets or sets the type of the SQL host.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property SqlTypeHost As String
```

C#

```
public string SqlTypeHost { get; set; }
```

C++

```
public:
property String^ SqlTypeHost {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_SqlTypeHost ()

/** @property */
public void set_SqlTypeHost (String value)
```

JScript

```
public function get SqlTypeHost () : String

public function set SqlTypeHost (value : String)
```

## Property Value

The type of the SQL host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.SqlTypeLocal Property

Gets or sets the SQL type of the local host.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property SqlTypeLocal As String
```

C#

```
public string SqlTypeLocal { get; set; }
```

C++

```
public:
property String^ SqlTypeLocal {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_SqlTypeLocal ()

/** @property */
public void set_SqlTypeLocal (String value)
```

JScript

```
public function get SqlTypeLocal () : String

public function set SqlTypeLocal (value : String)
```

## Property Value

The SQL type of the local host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdColumn.UseQualifier Property

Determines whether the column uses qualifiers.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UseQualifier As Boolean
```

C#

```
public bool UseQualifier { get; set; }
```

C++

```
public:
property bool UseQualifier {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseQualifier ()

/** @property */
public void set_UseQualifier (boolean value)
```

JScript

```
public function get UseQualifier () : boolean

public function set UseQualifier (value : boolean)
```

## Property Value

**true** if the column uses a qualifier; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdColumn Class](#)

[HcdColumn Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType Structure

Describes the host column descriptor (HCD) data type.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public struct HcdDataType
```

C++

```
public value struct HcdDataType
```









F#

```
[<Sealed>]  
type HcdDataType = struct end
```





VB

```
Public Structure HcdDataType
```

Properties

	Name	Description
	<a href="#">DefaultLength</a>	Gets or sets the default length of the data.
	<a href="#">DefaultPrecision</a>	Gets or sets the default precision of the data.
	<a href="#">DefaultScale</a>	Gets or sets the default scale of the data.
	<a href="#">EditableLength</a>	Gets or sets the editable length of the data.
	<a href="#">EditablePrecision</a>	Determines if the precision is editable.
	<a href="#">EditableScale</a>	Gets or sets whether the scale is editable.
	<a href="#">FriendlyName</a>	Gets or sets the friendly name for the data type.
	<a href="#">Name</a>	Gets or sets the name of the data type.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)









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# HcdDataType Members

Describes the host column descriptor (HCD) data type.







The following tables list the members exposed by the [HcdDataType](#) type.

## Public Properties

	Name	Description
	<a href="#">DefaultLength</a>	Gets or sets the default length of the data.
	<a href="#">DefaultPrecision</a>	Gets or sets the default precision of the data.
	<a href="#">DefaultScale</a>	Gets or sets the default scale of the data.
	<a href="#">EditableLength</a>	Gets or sets the editable length of the data.
	<a href="#">EditablePrecision</a>	Determines if the precision is editable.
	<a href="#">EditableScale</a>	Gets or sets whether the scale is editable.
	<a href="#">FriendlyName</a>	Gets or sets the friendly name for the data type.
	<a href="#">Name</a>	Gets or sets the name of the data type.



## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

### Reference







[HcdDataType Structure](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)






# HcdDataType Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )









See Also

**Reference**

- [HcdDataType Structure](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType Properties

Public Properties

	Name	Description
	<a href="#">DefaultLength</a>	Gets or sets the default length of the data.
	<a href="#">DefaultPrecision</a>	Gets or sets the default precision of the data.
	<a href="#">DefaultScale</a>	Gets or sets the default scale of the data.
	<a href="#">EditableLength</a>	Gets or sets the editable length of the data.
	<a href="#">EditablePrecision</a>	Determines if the precision is editable.
	<a href="#">EditableScale</a>	Gets or sets whether the scale is editable.
	<a href="#">FriendlyName</a>	Gets or sets the friendly name for the data type.
	<a href="#">Name</a>	Gets or sets the name of the data type.

See Also

Reference

[HcdDataType Structure](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.DefaultLength Property

Gets or sets the default length of the data.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultLength As Integer
```

C#

```
public int DefaultLength { get; set; }
```

C++

```
public:
property int DefaultLength {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_DefaultLength ()

/** @property */
public void set_DefaultLength (int value)
```

JScript

```
public function get DefaultLength () : int

public function set DefaultLength (value : int)
```

## Property Value

The default length of the data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.DefaultPrecision Property

Gets or sets the default precision of the data.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultPrecision As Integer
```

C#

```
public int DefaultPrecision { get; set; }
```

C++

```
public:
property int DefaultPrecision {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_DefaultPrecision ()

/** @property */
public void set_DefaultPrecision (int value)
```

JScript

```
public function get DefaultPrecision () : int

public function set DefaultPrecision (value : int)
```

## Property Value

The default precision of the data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.DefaultScale Property

Gets or sets the default scale of the data.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultScale As Integer
```

C#

```
public int DefaultScale { get; set; }
```

C++

```
public:
property int DefaultScale {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_DefaultScale ()

/** @property */
public void set_DefaultScale (int value)
```

JScript

```
public function get DefaultScale () : int

public function set DefaultScale (value : int)
```

## Property Value

The default scale of the data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.EditableLength Property

Gets or sets the editable length of the data.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property EditableLength As Boolean
```

C#

```
public bool EditableLength { get; set; }
```

C++

```
public:
property bool EditableLength {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_EditableLength ()

/** @property */
public void set_EditableLength (boolean value)
```

JScript

```
public function get EditableLength () : boolean

public function set EditableLength (value : boolean)
```

## Property Value

The editable length of the data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.EditablePrecision Property

Determines if the precision is editable.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property EditablePrecision As Boolean
```

C#

```
public bool EditablePrecision { get; set; }
```

C++

```
public:
property bool EditablePrecision {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_EditablePrecision ()

/** @property */
public void set_EditablePrecision (boolean value)
```

JScript

```
public function get EditablePrecision () : boolean

public function set EditablePrecision (value : boolean)
```

## Property Value

**true** if the precision is editable; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.EditableScale Property

Gets or sets whether the scale is editable.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property EditableScale As Boolean
```

C#

```
public bool EditableScale { get; set; }
```

C++

```
public:
property bool EditableScale {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_EditableScale ()

/** @property */
public void set_EditableScale (boolean value)
```

JScript

```
public function get EditableScale () : boolean

public function set EditableScale (value : boolean)
```

## Property Value

**true** if the scale is editable; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdDataType.FriendlyName Property

Gets or sets the friendly name for the data type.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property FriendlyName As String
```

C#

```
public string FriendlyName { get; set; }
```

C++

```
public:
property String^ FriendlyName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_FriendlyName ()

/** @property */
public void set_FriendlyName (String value)
```

JScript

```
public function get FriendlyName () : String

public function set FriendlyName (value : String)
```

## Property Value

The friendly name for the data type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataType.Name Property

Gets or sets the name of the data type.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Name As String
```

C#

```
public string Name { get; set; }
```

C++

```
public:
property String^ Name {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public function get Name () : String

public function set Name (value : String)
```

## Property Value

The name of the data type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataType Structure](#)

[HcdDataType Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes Class

Allows for the manipulation of groups of Host Column Descriptors (HCD).

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.HcdDataTypes**

Syntax

C#

```
public class HcdDataTypes
```

C++

```
public ref class HcdDataTypes
```


F#

```
type HcdDataTypes = class end
```










VB

```
Public Class HcdDataTypes
```



Constructors

	Name	Description
	<a href="#">HcdDataTypes()</a>	Creates a new instance of the <b>HcdDataTypes</b> class.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">FriendlyNameToName(HcdDataType[], String)</a>	Translates the friendly name of a host column descriptor array and translates it to the name.
	<a href="#">FriendlyNameToType(HcdDataType[], String)</a>	Retrieves the data type of the specified Host Column Descriptor (HCD).
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">NameToFriendlyName(HcdDataType[], String)</a>	Translates the name of the specified list of host column descriptors (HCD) to their friendly name.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Fields

	Name	Description
	<a href="#">HostTypes</a>	List containing the host data types.
	<a href="#">LocalTypes</a>	List containing the local data types.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to

be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# HcdDataTypes Members

Allows for the manipulation of groups of Host Column Descriptors (HCD).



The following tables list the members exposed by the [HcdDataTypes](#) type.

## Public Constructors

Name	Description
<a href="#">HcdDataTypes</a>	Creates a new instance of the <a href="#">HcdDataTypes</a> class.









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## Public Fields

	Name	Description
	<a href="#">HostTypes</a>	List containing the host data types.
	<a href="#">LocalTypes</a>	List containing the local data types.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FriendlyNameToName</a>	Translates the friendly name of a host column descriptor array and translates it to the name.
	<a href="#">FriendlyNameToType</a>	Retrieves the data type of the specified Host Column Descriptor (HCD).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">NameToFriendlyName</a>	Translates the name of the specified list of host column descriptors (HCD) to their friendly name.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also





## Reference

[HcdDataTypes Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes Fields

Public Fields

	Name	Description
 	<a href="#">HostTypes</a>	List containing the host data types.
 	<a href="#">LocalTypes</a>	List containing the local data types.

See Also

Reference

- [HcdDataTypes Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes.HostTypes Field

List containing the host data types.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public static HcdDataType[] HostTypes
```

C++

```
public:  
static array<HcdDataType>^ HostTypes
```

F#

```
static val mutable HostTypes : HcdDataType[]
```

VB

```
Public Shared HostTypes As HcdDataType()
```

## Field Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdDataType](#)

See Also

[HcdDataTypes Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# HcdDataTypes.LocalTypes Field

List containing the local data types.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public static HcdDataType[] LocalTypes
```

C++

```
public:  
static array<HcdDataType>^ LocalTypes
```

F#

```
static val mutable LocalTypes : HcdDataType[]
```

VB

```
Public Shared LocalTypes As HcdDataType()
```

## Field Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdDataType](#)

See Also

[HcdDataTypes Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# HcdDataTypes Constructor

Creates a new instance of the [HcdDataTypes](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HcdDataTypes ()
```

C++

```
public:  
HcdDataTypes ()
```

J#

```
public HcdDataTypes ()
```

JScript

```
public function HcdDataTypes ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**













[HcdDataTypes Class](#)

[HcdDataTypes Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 	<a href="#">FriendlyNameToName</a>	Translates the friendly name of a host column descriptor array and translates it to the name.
 	<a href="#">FriendlyNameToType</a>	Retrieves the data type of the specified Host Column Descriptor (HCD).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">NameToFriendlyName</a>	Translates the name of the specified list of host column descriptors (HCD) to their friendly name.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [HcdDataTypes Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes.FriendlyNameToName Method

Translates the friendly name of a host column descriptor array and translates it to the name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function FriendlyNameToName ( _
    list As HcdDataType(), _
    friendlyName As String _
) As String
```

C#

```
public static string FriendlyNameToName (
    HcdDataType[] list,
    string friendlyName
)
```

C++

```
public:
static String^ FriendlyNameToName (
    array<HcdDataType>^ list,
    String^ friendlyName
)
```

J#

```
public static String FriendlyNameToName (
    HcdDataType[] list,
    String friendlyName
)
```

JScript

```
public static function FriendlyNameToName (
    list : HcdDataType[],
    friendlyName : String
) : String
```

## Parameters

list

List of HCDs.

friendlyName

The friendly name of the HCD array.

## Return Value

The name of the HCD array.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataTypes Class](#)

[HcdDataTypes Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes.FriendlyNameToType Method

Retrieves the data type of the specified Host Column Descriptor (HCD).

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function FriendlyNameToType ( _
    list As HcdDataType(), _
    friendlyName As String _
) As HcdDataType
```

C#

```
public static HcdDataType FriendlyNameToType (
    HcdDataType[] list,
    string friendlyName
)
```

C++

```
public:
static HcdDataType FriendlyNameToType (
    array<HcdDataType>^ list,
    String^ friendlyName
)
```

J#

```
public static HcdDataType FriendlyNameToType (
    HcdDataType[] list,
    String friendlyName
)
```

JScript

```
public static function FriendlyNameToType (
    list : HcdDataType[],
    friendlyName : String
) : HcdDataType
```

## Parameters

list

List of HCDs.

friendlyName

Friendly name of the HCD.

## Return Value

Type value of the specified HCD array.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataTypes Class](#)

[HcdDataTypes Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdDataTypes.NameToFriendlyName Method

Translates the name of the specified list of host column descriptors (HCD) to their friendly name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function NameToFriendlyName ( _
    list As HcdDataType(), _
    name As String _
) As String
```

C#

```
public static string NameToFriendlyName (
    HcdDataType[] list,
    string name
)
```

C++

```
public:
static String^ NameToFriendlyName (
    array<HcdDataType>^ list,
    String^ name
)
```

J#

```
public static String NameToFriendlyName (
    HcdDataType[] list,
    String name
)
```

JScript

```
public static function NameToFriendlyName (
    list : HcdDataType[],
    name : String
) : String
```

## Parameters

list

List of HCDs.

name

Friendly name of the specified HCD.

## Return Value

The friendly name of the specified HCD list.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdDataTypes Class](#)

[HcdDataTypes Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdFile Class

Describes a host column descriptor (HCD) file.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.IHcdItem](#)

**Microsoft.HostIntegration.DataAccessLibrary.HcdFile**

Syntax

C#

```
[SerializableAttribute]
public sealed class HcdFile : IHcdItem
```

C++

```
[SerializableAttribute]
public ref class HcdFile sealed : IHcdItem
```






F#

```
[<Sealed>]
[<SerializableAttribute>]
type HcdFile =
    class
        inherit IHcdItem
    end
```






VB
















```
<SerializableAttribute>
Public NotInheritable Class HcdFile
    Inherits IHcdItem
```

Properties



	Name	Description
	<a href="#">CreationDate</a>	Gets or sets the file that was created.
	<a href="#">FilePath</a>	Gets or sets the path to the file.
	<a href="#">HcdExtension</a>	Gets or sets the HCD extension of the file.
	<a href="#">Name</a>	Gets or sets the name of the file.(Overrides <a href="#">IHcdItem.Name</a> .)
	<a href="#">TableCount</a>	Gets or sets the table count of the file.

Methods

	Name	Description
	<a href="#">AddTable()</a>	Adds an empty table to the file.
	<a href="#">AddTable(HcdTable)</a>	Adds the specified table to the file.
	<a href="#">AddTable(String)</a>	Adds an empty table to the file, using the specified name.
	<a href="#">CreateFile()</a>	Creates a new empty HCD file in the default location.
	<a href="#">CreateFile(String)</a>	Creates a new HCD file using the specified file path.

	<a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	 <a href="#">Exists(String, String)</a>	Determines whether the specified HCD file exists in the specified path.
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetTableAt(Int32)</a>	Retrieves a table from the HCD file based on the specified index.
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Load()</a>	Loads the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	 <a href="#">OpenFile(String)</a>	Opens the HcdFile using the specified file path.
	<a href="#">RemoveTable(HcdTable)</a>	Removes a table from the HCD file.
	<a href="#">Rename(String)</a>	Renames the HCD file.(Overrides <a href="#">IHcdItem.Rename(String)</a> .)
	<a href="#">Save()</a>	Saves the current instance.(Inherited from <a href="#">IHcdItem</a> .)
	<a href="#">TableExists(String)</a>	Determines whether the specified table exists in the HCD file.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Fields

	Name	Description
	 <a href="#">Format</a>	The format of the HCD file.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


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# HcdFile Members

Describes a host column descriptor (HCD) file.






The following tables list the members exposed by the [HcdFile](#) type.

## Public Fields

	Name	Description
	<a href="#">Format</a>	The format of the HCD file.


## Top

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CreationDate</a>	Gets or sets the file that was created.
	<a href="#">FilePath</a>	Gets or sets the path to the file.
	<a href="#">HcdExtension</a>	Gets or sets the HCD extension of the file.
	<a href="#">Name</a>	Overridden. Gets or sets the name of the file.
	<a href="#">TableCount</a>	Gets or sets the table count of the file.

















## Top

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )








## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddTable</a>	Overloaded. Adds a table to the file.
	<a href="#">CreateFile</a>	Overloaded. Creates a new HCD file.
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines whether the specified HCD file exists in the specified path.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTableAt</a>	Retrieves a table from the HCD file based on the specified index.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">OpenFile</a>	Opens the HcdFile using the specified file path.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RemoveTable</a>	Removes a table from the HCD file.
	<a href="#">Rename</a>	Overridden. Renames the HCD file.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">TableExists</a>	Determines whether the specified table exists in the HCD file.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also



## Reference

[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile Fields

Public Fields

	Name	Description
 	<a href="#">Format</a>	The format of the HCD file.

See Also

Reference

[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.Format Field

The format of the HCD file.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public static DataFormats.Format Format
```

C++

```
public:  
static DataFormats::Format^ Format
```

F#

```
static val mutable Format : DataFormats.Format
```

VB

```
Public Shared Format As DataFormats.Format
```

## Field Value

Type: [System.Windows.Forms.DataFormats.Format](#)

See Also

















[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)








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# HcdFile Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddTable</a>	Overloaded. Adds a table to the file.
	<a href="#">CreateFile</a>	Overloaded. Creates a new HCD file.
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines whether the specified HCD file exists in the specified path.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTableAt</a>	Retrieves a table from the HCD file based on the specified index.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">OpenFile</a>	Opens the HcdFile using the specified file path.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RemoveTable</a>	Removes a table from the HCD file.
	<a href="#">Rename</a>	Overridden. Renames the HCD file.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">TableExists</a>	Determines whether the specified table exists in the HCD file.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)




# HcdFile.AddTable Method

Adds a table to the file.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

	Name	Description
	<a href="#">AddTable()</a>	Adds an empty table to the file.
	<a href="#">AddTable(HcdTable)</a>	Adds the specified table to the file.
	<a href="#">AddTable(String)</a>	Adds an empty table to the file, using the specified name.

See Also

[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

**HcdFile.AddTable Method ()**

Adds an empty table to the file.

Syntax

C#

```
public HcdTable AddTable()
```

C++

```
public:  
HcdTable^ AddTable()
```

F#

```
member AddTable : unit -> HcdTable
```

VB

```
Public Function AddTable As HcdTable
```

**Return Value**

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdTable](#)

An HcdTable describing the added file.

[Return to top](#)

**HcdFile.AddTable Method (HcdTable)**

Adds the specified table to the file.

Syntax

C#

```
public HcdTable AddTable(  
    HcdTable table  
)
```

C++

```
public:  
HcdTable^ AddTable(  
    HcdTable^ table  
)
```

F#

```
member AddTable :  
    table:HcdTable -> HcdTable
```

VB

```
Public Function AddTable (  
    table As HcdTable  
) As HcdTable
```

#### Parameters

*table*

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdTable](#)

The table to add to the file.

#### Return Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdTable](#)

An HcdTable containing the added table.

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#### HcdFile.AddTable Method (String)

Adds an empty table to the file, using the specified name.

Syntax

C#

```
public HcdTable AddTable(  
    string name  
)
```

C++

```
public:  
HcdTable^ AddTable(  
    String^ name  
)
```

F#

```
member AddTable :  
    name:string -> HcdTable
```

VB

```
Public Function AddTable (  
    name As String  
) As HcdTable
```

#### Parameters

*name*

Type: [System.String](#)

The name of the new table.

#### Return Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdTable](#)

An HcdTable containing the added table.

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# HcdFile.AddTable Method ()

Adds an empty table to the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function AddTable As HcdTable
```

C#

```
public HcdTable AddTable ()
```

C++

```
public:  
HcdTable^ AddTable ()
```

J#

```
public HcdTable AddTable ()
```

JScript

```
public function AddTable () : HcdTable
```

## Return Value

An HcdTable describing the added file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.AddTable Method (HcdTable)

Adds the specified table to the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function AddTable ( _
    table As HcdTable _
) As HcdTable
```

C#

```
public HcdTable AddTable (
    HcdTable table
)
```

C++

```
public:
HcdTable^ AddTable (
    HcdTable^ table
)
```

J#

```
public HcdTable AddTable (
    HcdTable table
)
```

JScript

```
public function AddTable (
    table : HcdTable
) : HcdTable
```

## Parameters

table

The table to add to the file.

## Return Value

An HcdTable containing the added table.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.AddTable Method (String)

Adds an empty table to the file, using the specified name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function AddTable ( _
    name As String _
) As HcdTable
```

C#

```
public HcdTable AddTable (
    string name
)
```

C++

```
public:
HcdTable^ AddTable (
    String^ name
)
```

J#

```
public HcdTable AddTable (
    String name
)
```

JScript

```
public function AddTable (
    name : String
) : HcdTable
```

## Parameters

name

The name of the new table.

## Return Value

An HcdTable containing the added table.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdFile.CreateFile Method

Creates a new HCD file.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

	Name	Description
	<a href="#">CreateFile()</a>	Creates a new empty HCD file in the default location.
	<a href="#">CreateFile(String)</a>	Creates a new HCD file using the specified file path.

See Also

[HcdFile Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

## HcdFile.CreateFile Method ()

Creates a new empty HCD file in the default location.

Syntax

C#

```
public static HcdFile CreateFile()
```

C++

```
public:  
static HcdFile^ CreateFile()
```

F#

```
static member CreateFile : unit -> HcdFile
```

VB

```
Public Shared Function CreateFile As HcdFile
```

## Return Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdFile](#)

An HcdFile containing the created HCD file.

[Return to top](#)

## HcdFile.CreateFile Method (String)

Creates a new HCD file using the specified file path.

Syntax

C#

```
public static HcdFile CreateFile(  
    string filePath  
)
```

C++

```
public:  
static HcdFile^ CreateFile(  
    String^ filePath  
)
```

F#

```
static member CreateFile :  
    filePath:string -> HcdFile
```

VB

```
Public Shared Function CreateFile (  
    filePath As String  
) As HcdFile
```

#### Parameters

*filePath*

Type: [System.String](#)

The file path of the new file.

#### Return Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdFile](#)

An HcdFile containing the created HCD file.

[Return to top](#)

# HcdFile.CreateFile Method ()

Creates a new empty HCD file in the default location.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function CreateFile As HcdFile
```

C#

```
public static HcdFile CreateFile ()
```

C++

```
public:
static HcdFile^ CreateFile ()
```

J#

```
public static HcdFile CreateFile ()
```

JScript

```
public static function CreateFile () : HcdFile
```

## Return Value

An HcdFile containing the created HCD file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.CreateFile Method (String)

Creates a new HCD file using the specified file path.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function CreateFile ( _
    filePath As String _
) As HcdFile
```

C#

```
public static HcdFile CreateFile (
    string filePath
)
```

C++

```
public:
static HcdFile^ CreateFile (
    String^ filePath
)
```

J#

```
public static HcdFile CreateFile (
    String filePath
)
```

JScript

```
public static function CreateFile (
    filePath : String
) : HcdFile
```

## Parameters

filePath

The file path of the new file.

## Return Value

An HcdFile containing the created HCD file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.Exists Method

Determines whether the specified HCD file exists in the specified path.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function Exists ( _
    path As String, _
    name As String _
) As Boolean
```

C#

```
public static bool Exists (
    string path,
    string name
)
```

C++

```
public:
static bool Exists (
    String^ path,
    String^ name
)
```

J#

```
public static boolean Exists (
    String path,
    String name
)
```

JScript

```
public static function Exists (
    path : String,
    name : String
) : boolean
```

## Parameters

path

The path to search in.

name

The name of the file to search for.

## Return Value

**true** if the specified file exists; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also



## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.GetTableAt Method

Retrieves a table from the HCD file based on the specified index.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetTableAt ( _
    i As Integer _
) As HcdTable
```

C#

```
public HcdTable GetTableAt (
    int i
)
```

C++

```
public:
HcdTable^ GetTableAt (
    int i
)
```

J#

```
public HcdTable GetTableAt (
    int i
)
```

JScript

```
public function GetTableAt (
    i : int
) : HcdTable
```

## Parameters

i

The index to locate the file at.

## Return Value

An HcdFile containing the file located at the specified index.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.OpenFile Method

Opens the HcdFile using the specified file path.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function OpenFile ( _
    filePath As String _
) As HcdFile
```

C#

```
public static HcdFile OpenFile (
    string filePath
)
```

C++

```
public:
static HcdFile^ OpenFile (
    String^ filePath
)
```

J#

```
public static HcdFile OpenFile (
    String filePath
)
```

JScript

```
public static function OpenFile (
    filePath : String
) : HcdFile
```

## Parameters

filePath

The location of the file to open.

## Return Value

An HcdFile that contains the opened file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.RemoveTable Method

Removes a table from the HCD file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub RemoveTable ( _
    table As HcdTable _
)
```

C#

```
public void RemoveTable (
    HcdTable table
)
```

C++

```
public:
void RemoveTable (
    HcdTable^ table
)
```

J#

```
public void RemoveTable (
    HcdTable table
)
```

JScript

```
public function RemoveTable (
    table : HcdTable
)
```

## Parameters

table

The table to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.Rename Method

Renames the HCD file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Rename ( _
    newLabel As String _
)
```

C#

```
public override void Rename (
    string newLabel
)
```

C++

```
public:
virtual void Rename (
    String^ newLabel
) override
```

J#

```
public void Rename (
    String newLabel
)
```

JScript

```
public override function Rename (
    newLabel : String
)
```

## Parameters

newLabel

The new name to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.TableExists Method

Determines whether the specified table exists in the HCD file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function TableExists ( _
    name As String _
) As Boolean
```

C#

```
public bool TableExists (
    string name
)
```

C++

```
public:
bool TableExists (
    String^ name
)
```

J#

```
public boolean TableExists (
    String name
)
```

JScript

```
public function TableExists (
    name : String
) : boolean
```

## Parameters

name

The name of the table to search on.

## Return Value

**true** if the specified table exists; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference






[HcdFile Class](#)

[HcdFile Members](#)


[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CreationDate</a>	Gets or sets the file that was created.
	<a href="#">FilePath</a>	Gets or sets the path to the file.
 S	<a href="#">HcdExtension</a>	Gets or sets the HCD extension of the file.
	<a href="#">Name</a>	Overridden. Gets or sets the name of the file.
	<a href="#">TableCount</a>	Gets or sets the table count of the file.

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )

See Also

**Reference**

- [HcdFile Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.CreationDate Property

Gets or sets the file that was created.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CreationDate As DateTime
```

C#

```
public DateTime CreationDate { get; set; }
```

C++

```
public:
property DateTime CreationDate {
    DateTime get ();
    void set (DateTime value);
}
```

J#

```
/** @property */
public DateTime get_CreationDate ()

/** @property */
public void set_CreationDate (DateTime value)
```

JScript

```
public function get CreationDate () : DateTime

public function set CreationDate (value : DateTime)
```

## Property Value

When the file was created.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdFile.FilePath Property

Gets or sets the path to the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property FilePath As String
```

C#

```
public string FilePath { get; }
```

C++

```
public:  
property String^ FilePath {  
    String^ get ();  
}
```

J#

```
/** @property */  
public String get_FilePath ()
```

JScript

```
public function get FilePath () : String
```

## Property Value

The path to the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.HcdExtension Property

Gets or sets the HCD extension of the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Property HcdExtension As String
```

C#

```
public static string HcdExtension { get; }
```

C++

```
public:
static property String^ HcdExtension {
    String^ get ();
}
```

J#

```
/** @property */
public static String get_HcdExtension ()
```

JScript

```
public static function get HcdExtension () : String
```

## Property Value

The HCD extension of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.Name Property

Gets or sets the name of the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Name As String
```

C#

```
public override string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public override function get Name () : String

public override function set Name (value : String)
```

## Property Value

The name of the file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdFile.TableCount Property

Gets or sets the table count of the file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property TableCount As Integer
```

C#

```
public int TableCount { get; }
```

C++

```
public:
property int TableCount {
    int get ();
}
```

J#

```
/** @property */
public int get_TableCount ()
```

JScript

```
public function get TableCount () : int
```

## Property Value

The table count of the file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdFile Class](#)

[HcdFile Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable Class

Describes a host column description (HCD) table.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
[Microsoft.HostIntegration.DataAccessLibrary.IHcdItem](#)  
**Microsoft.HostIntegration.DataAccessLibrary.HcdTable**

Syntax  
C#

```
[SerializableAttribute]  
public sealed class HcdTable : IHcdItem
```

C++

```
[SerializableAttribute]  
public ref class HcdTable sealed : IHcdItem
```











F#

```
[<Sealed>]  
[<SerializableAttribute>]  
type HcdTable =  
    class  
        inherit IHcdItem  
    end
```

VB















```
<SerializableAttribute>  
Public NotInheritable Class HcdTable  
    Inherits IHcdItem
```

## Properties


	Name	Description
	<a href="#">ColumnCount</a>	Gets or sets the column count of the current instance.
	<a href="#">CreationType</a>	Gets or sets the creation type of the current instance.
	<a href="#">DelimiterField</a>	Gets or sets the delimiter field of the current instance.
	<a href="#">DelimiterRecord</a>	Gets or sets the delimiter record of the current instance.
	<a href="#">KeyLength</a>	Gets or sets the key length of the current instance.
	<a href="#">KeyPosition</a>	Gets or sets the key position of the current instance.
	<a href="#">KeySort</a>	Gets or sets the key sort of the current instance.
	<a href="#">Name</a>	Gets or sets the name of the current instance.(Overrides <a href="#">IHcdItem.Name</a> .)
	<a href="#">TextQualifier</a>	Gets or sets the text qualifier of the current instance.
	<a href="#">UseForFileTransfer</a>	Determines whether or not the current HCD file is used for file transfers.

## Methods

Name	Description
------	-------------

 <a href="#">AddColumn(HcdColumn)</a>	Adds a column to the current instance.
 <a href="#">AddNewColumn()</a>	Adds a new column to the current instance.
 <a href="#">AddNewColumn(String)</a>	Adds a new column to the current instance, using the specified column name.
 <a href="#">ColumnExists(String)</a>	Determines whether the specified column exists in the current instance.
 <a href="#">Delete(Boolean)</a>	Deletes the current instance.(Inherited from <a href="#">IHcdItem</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetColumnAt(Int32)</a>	Retrieves the column in the current instance specified by the index number.
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Load()</a>	Loads the current instance.(Inherited from <a href="#">IHcdItem</a> .)
 <a href="#">RemoveColumn(HcdColumn)</a>	Removes the specified column.
 <a href="#">Rename(String)</a>	Renames the current instance.(Overrides <a href="#">IHcdItem.Rename(String)</a> .)
 <a href="#">Save()</a>	Saves the current instance.(Inherited from <a href="#">IHcdItem</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Fields

	Name	Description
	<a href="#">Format</a>	Reformats the current instance.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


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# HcdTable Members

Describes a host column description (HCD) table.











The following tables list the members exposed by the [HcdTable](#) type.

## Public Fields

	Name	Description
	<a href="#">Format</a>	Reformats the current instance.


## Top

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">ColumnCount</a>	Gets or sets the column count of the current instance.
	<a href="#">CreationType</a>	Gets or sets the creation type of the current instance.
	<a href="#">DelimiterField</a>	Gets or sets the delimiter field of the current instance.
	<a href="#">DelimiterRecord</a>	Gets or sets the delimiter record of the current instance.
	<a href="#">KeyLength</a>	Gets or sets the key length of the current instance.
	<a href="#">KeyPosition</a>	Gets or sets the key position of the current instance.
	<a href="#">KeySort</a>	Gets or sets the key sort of the current instance.
	<a href="#">Name</a>	Overridden. Gets or sets the name of the current instance.
	<a href="#">TextQualifier</a>	Gets or sets the text qualifier of the current instance.
	<a href="#">UseForFileTransfer</a>	Determines whether or not the current HCD file is used for file transfers.















## Top

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )








## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddColumn</a>	Adds a column to the current instance.
	<a href="#">AddNewColumn</a>	Overloaded. Adds a new column to the current instance.
	<a href="#">ColumnExists</a>	Determines whether the specified column exists in the current instance.
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetColumnAt</a>	Retrieves the column in the current instance specified by the index number.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RemoveColumn</a>	Removes the specified column.
	<a href="#">Rename</a>	Overridden. Renames the current instance.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdTable Fields

Public Fields

	Name	Description
	<a href="#">Format</a>	Reformats the current instance.

See Also

**Reference**

[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.Format Field

Reformats the current instance.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public static DataFormats.Format Format
```

C++

```
public:  
static DataFormats::Format^ Format
```

F#

```
static val mutable Format : DataFormats.Format
```

VB

```
Public Shared Format As DataFormats.Format
```

## Field Value

Type: [System.Windows.Forms.DataFormats.Format](#)

See Also
















[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)








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# HcdTable Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddColumn</a>	Adds a column to the current instance.
	<a href="#">AddNewColumn</a>	Overloaded. Adds a new column to the current instance.
	<a href="#">ColumnExists</a>	Determines whether the specified column exists in the current instance.
	<a href="#">Delete</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetColumnAt</a>	Retrieves the column in the current instance specified by the index number.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance. (inherited from <a href="#">IHcdItem</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RemoveColumn</a>	Removes the specified column.
	<a href="#">Rename</a>	Overridden. Renames the current instance.
	<a href="#">Save</a>	Saves the current instance. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	(inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalLoad</a>	Loads the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">InternalSave</a>	Saves the connection string. (inherited from <a href="#">IHcdItem</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.AddColumn Method

Adds a column to the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function AddColumn ( _
    column As HcdColumn _
) As HcdColumn
```

C#

```
public HcdColumn AddColumn (
    HcdColumn column
)
```

C++

```
public:
HcdColumn^ AddColumn (
    HcdColumn^ column
)
```

J#

```
public HcdColumn AddColumn (
    HcdColumn column
)
```

JScript

```
public function AddColumn (
    column : HcdColumn
) : HcdColumn
```

## Parameters

column

The column to add.

## Return Value

The modified HCD file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdTable.AddNewColumn Method

Adds a new column to the current instance.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

Name	Description
 <a href="#">AddNewColumn()</a>	Adds a new column to the current instance.
 <a href="#">AddNewColumn(String)</a>	Adds a new column to the current instance, using the specified column name.

See Also

[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

**HcdTable.AddNewColumn Method ()**

Adds a new column to the current instance.

Syntax

C#

```
public HcdColumn AddNewColumn()
```

C++

```
public:  
HcdColumn^ AddNewColumn()
```

F#

```
member AddNewColumn : unit -> HcdColumn
```

VB

```
Public Function AddNewColumn As HcdColumn
```

**Return Value**

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdColumn](#)

The modified HCD file.

[Return to top](#)

**HcdTable.AddNewColumn Method (String)**

Adds a new column to the current instance, using the specified column name.

Syntax

C#

```
public HcdColumn AddNewColumn(  
    string name  
)
```

C++

```
public:  
HcdColumn^ AddNewColumn(  
    String^ name  
)
```

F#

```
member AddNewColumn :  
    name:string -> HcdColumn
```

VB

```
Public Function AddNewColumn (  
    name As String  
) As HcdColumn
```

#### Parameters

*name*

Type: [System.String](#)

The name of the column to add.

#### Return Value

Type: [Microsoft.HostIntegration.DataAccessLibrary.HcdColumn](#)

The updated HCD file.

[Return to top](#)

# HcdTable.AddNewColumn Method ()

Adds a new column to the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function AddNewColumn As HcdColumn
```

C#

```
public HcdColumn AddNewColumn ()
```

C++

```
public:  
HcdColumn^ AddNewColumn ()
```

J#

```
public HcdColumn AddNewColumn ()
```

JScript

```
public function AddNewColumn () : HcdColumn
```

## Return Value

The modified HCD file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.AddNewColumn Method (String)

Adds a new column to the current instance, using the specified column name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function AddNewColumn ( _
    name As String _
) As HcdColumn
```

C#

```
public HcdColumn AddNewColumn (
    string name
)
```

C++

```
public:
HcdColumn^ AddNewColumn (
    String^ name
)
```

J#

```
public HcdColumn AddNewColumn (
    String name
)
```

JScript

```
public function AddNewColumn (
    name : String
) : HcdColumn
```

## Parameters

name

The name of the column to add.

## Return Value

The updated HCD file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdTable.ColumnExists Method

Determines whether the specified column exists in the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ColumnExists ( _
    name As String _
) As Boolean
```

C#

```
public bool ColumnExists (
    string name
)
```

C++

```
public:
bool ColumnExists (
    String^ name
)
```

J#

```
public boolean ColumnExists (
    String name
)
```

JScript

```
public function ColumnExists (
    name : String
) : boolean
```

## Parameters

name

Name of the column to search for.

## Return Value

**true** if the column exists; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.GetColumnAt Method

Retrieves the column in the current instance specified by the index number.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetColumnAt ( _
    i As Integer _
) As HcdColumn
```

C#

```
public HcdColumn GetColumnAt (
    int i
)
```

C++

```
public:
HcdColumn^ GetColumnAt (
    int i
)
```

J#

```
public HcdColumn GetColumnAt (
    int i
)
```

JScript

```
public function GetColumnAt (
    i : int
) : HcdColumn
```

## Parameters

i

The index of the column to retrieve.

## Return Value

The column with the specified index.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.RemoveColumn Method

Removes the specified column.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub RemoveColumn ( _
    column As HcdColumn _
)
```

C#

```
public void RemoveColumn (
    HcdColumn column
)
```

C++

```
public:
void RemoveColumn (
    HcdColumn^ column
)
```

J#

```
public void RemoveColumn (
    HcdColumn column
)
```

JScript

```
public function RemoveColumn (
    column : HcdColumn
)
```

## Parameters

column

The column to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.Rename Method

Renames the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Rename ( _
    newName As String _
)
```

C#

```
public override void Rename (
    string newName
)
```

C++

```
public:
virtual void Rename (
    String^ newName
) override
```

J#

```
public void Rename (
    String newName
)
```

JScript

```
public override function Rename (
    newName : String
)
```

## Parameters

newName

The new name to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference











[HcdTable Class](#)

[HcdTable Members](#)


[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">ColumnCount</a>	Gets or sets the column count of the current instance.
	<a href="#">CreationType</a>	Gets or sets the creation type of the current instance.
	<a href="#">DelimiterField</a>	Gets or sets the delimiter field of the current instance.
	<a href="#">DelimiterRecord</a>	Gets or sets the delimiter record of the current instance.
	<a href="#">KeyLength</a>	Gets or sets the key length of the current instance.
	<a href="#">KeyPosition</a>	Gets or sets the key position of the current instance.
	<a href="#">KeySort</a>	Gets or sets the key sort of the current instance.
	<a href="#">Name</a>	Overridden. Gets or sets the name of the current instance.
	<a href="#">TextQualifier</a>	Gets or sets the text qualifier of the current instance.
	<a href="#">UseForFileTransfer</a>	Determines whether or not the current HCD file is used for file transfers.

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance. (inherited from <a href="#">IHcdItem</a> )

See Also

## Reference

[HcdTable Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.ColumnCount Property

Gets or sets the column count of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ColumnCount As Integer
```

C#

```
public int ColumnCount { get; }
```

C++

```
public:
property int ColumnCount {
    int get ();
}
```

J#

```
/** @property */
public int get_ColumnCount ()
```

JScript

```
public function get ColumnCount () : int
```

## Property Value

The column count of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.CreationType Property

Gets or sets the creation type of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CreationType As Integer
```

C#

```
public int CreationType { get; set; }
```

C++

```
public:
property int CreationType {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_CreationType ()

/** @property */
public void set_CreationType (int value)
```

JScript

```
public function get CreationType () : int

public function set CreationType (value : int)
```

## Property Value

The creation type of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.DelimiterField Property

Gets or sets the delimiter field of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Property DelimiterField As String
```

C#

```
public string DelimiterField { get; set; }
```

C++

```
public:  
property String^ DelimiterField {  
    String^ get ();  
    void set (String^ value);  
}
```

J#

```
/** @property */  
public String get_DelimiterField ()  
  
/** @property */  
public void set_DelimiterField (String value)
```

JScript

```
public function get DelimiterField () : String  
  
public function set DelimiterField (value : String)
```

## Property Value

The delimiter field of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HcdTable.DelimiterRecord Property

Gets or sets the delimiter record of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DelimiterRecord As String
```

C#

```
public string DelimiterRecord { get; set; }
```

C++

```
public:
property String^ DelimiterRecord {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DelimiterRecord ()

/** @property */
public void set_DelimiterRecord (String value)
```

JScript

```
public function get DelimiterRecord () : String

public function set DelimiterRecord (value : String)
```

## Property Value

The delimiter record of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.KeyLength Property

Gets or sets the key length of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property KeyLength As Integer
```

C#

```
public int KeyLength { get; set; }
```

C++

```
public:
property int KeyLength {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_KeyLength ()

/** @property */
public void set_KeyLength (int value)
```

JScript

```
public function get KeyLength () : int

public function set KeyLength (value : int)
```

## Property Value

The key length of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.KeyPosition Property

Gets or sets the key position of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property KeyPosition As Integer
```

C#

```
public int KeyPosition { get; set; }
```

C++

```
public:
property int KeyPosition {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_KeyPosition ()

/** @property */
public void set_KeyPosition (int value)
```

JScript

```
public function get KeyPosition () : int

public function set KeyPosition (value : int)
```

## Property Value

The key position of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.KeySort Property

Gets or sets the key sort of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property KeySort As Integer
```

C#

```
public int KeySort { get; set; }
```

C++

```
public:
property int KeySort {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_KeySort ()

/** @property */
public void set_KeySort (int value)
```

JScript

```
public function get KeySort () : int

public function set KeySort (value : int)
```

## Property Value

The key sort of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.Name Property

Gets or sets the name of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Name As String
```

C#

```
public override string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public override function get Name () : String

public override function set Name (value : String)
```

## Property Value

The name of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.TextQualifier Property

Gets or sets the text qualifier of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TextQualifier As String
```

C#

```
public string TextQualifier { get; set; }
```

C++

```
public:
property String^ TextQualifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TextQualifier ()

/** @property */
public void set_TextQualifier (String value)
```

JScript

```
public function get TextQualifier () : String

public function set TextQualifier (value : String)
```

## Property Value

The text qualifier of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HcdTable.UseForFileTransfer Property

Determines whether or not the current HCD file is used for file transfers.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UseForFileTransfer As Boolean
```

C#

```
public bool UseForFileTransfer { get; set; }
```

C++

```
public:
property bool UseForFileTransfer {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseForFileTransfer ()

/** @property */
public void set_UseForFileTransfer (boolean value)
```

JScript

```
public function get UseForFileTransfer () : boolean

public function set UseForFileTransfer (value : boolean)
```

## Property Value

**True** if the file is used for file transfers; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HcdTable Class](#)

[HcdTable Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager Class

Describes the HIS OLEDB manager.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.HisOleDbManager**

[Microsoft.HostIntegration.DataAccessLibrary.Db2OleDbManager](#)

[Microsoft.HostIntegration.DataAccessLibrary.SnaOleDbManager](#)

Syntax

C#

```
public abstract class HisOleDbManager : IHisProviderManager
```

C++

```
public ref class HisOleDbManager abstract : IHisProviderManager
```


F#

```
[<AbstractClass>]  
type HisOleDbManager =  
    class  
        interface IHisProviderManager  
    end
```


VB

```
Public MustInherit Class HisOleDbManager  
    Implements IHisProviderManager
```









Constructors

	Name	Description
	<a href="#">HisOleDbManager(String, Type)</a>	Creates a new instance of the <b>HisOleDbManager</b> class, using the specified provider type and ID.




Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetDataSources(Int32)</a>	Retrieves a data source, based on the specified index.
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetProviderConnStringType(Int32)</a>	Retrieves the types of supported provider connection strings, based on the specified index type.
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">IsInstalled()</a>	Determines if the HIS OLEDB manager is installed.
	<a href="#">IsUDL(String)</a>	Determines if the specified file is a UDL file.



 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ReadUDL(String)</a>	Reads the specified UDL file.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# HisOleDbManager Members

Describes the HIS OLEDB manager.


The following tables list the members exposed by the [HisOleDbManager](#) type.

## Public Constructors

Name	Description
<a href="#">HisOleDbManager</a>	Creates a new instance of the <a href="#">HisOleDbManager</a> class, using the specified provider type and ID.












## Top

## Public Properties

Name	Description
 <a href="#">DataSourceTypeCount</a>	Gets the index of the data source type.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDataSources</a>	Retrieves a data source, based on the specified index.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProviderConnStringType</a>	Retrieves the types of supported provider connection strings, based on the specified index type.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed.
	<a href="#">IsUDL</a>	Determines if the specified file is a UDL file.
	<a href="#">ReadUDL</a>	Reads the specified UDL file.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[HisOleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager Constructor

Creates a new instance of the [HisOleDbManager](#) class, using the specified provider type and ID.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    providerId As String, _
    providerType As Type _
)
```

C#

```
public HisOleDbManager (
    string providerId,
    Type providerType
)
```

C++

```
public:
HisOleDbManager (
    String^ providerId,
    Type^ providerType
)
```

J#

```
public HisOleDbManager (
    String providerId,
    Type providerType
)
```

JScript

```
public function HisOleDbManager (
    providerId : String,
    providerType : Type
)
```

## Parameters

providerId

ID of the provider.

providerType

Type of provider.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[HisOleDbManager Class](#)

[HisOleDbManager Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDataSources</a>	Retrieves a data source, based on the specified index.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProviderConnStringType</a>	Retrieves the types of supported provider connection strings, based on the specified index type.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed.
	<a href="#">IsUDL</a>	Determines if the specified file is a UDL file.
	<a href="#">ReadUDL</a>	Reads the specified UDL file.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HisOleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager.GetDataSources Method

Retrieves a data source, based on the specified index.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetDataSources ( _
    i As Integer _
) As ArrayList
```

C#

```
public ArrayList GetDataSources (
    int i
)
```

C++

```
public:
virtual ArrayList^ GetDataSources (
    int i
) sealed
```

J#

```
public final ArrayList GetDataSources (
    int i
)
```

JScript

```
public final function GetDataSources (
    i : int
) : ArrayList
```

## Parameters

i

The index of the data source to retrieve.

## Return Value

An ArrayList describing the types of data sources, based on the index.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager.GetProviderConnStringType Method

Retrieves the types of supported provider connection strings, based on the specified index type.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetProviderConnStringType ( _
    i As Integer _
) As Type
```

C#

```
public Type GetProviderConnStringType (
    int i
)
```

C++

```
public:
virtual Type^ GetProviderConnStringType (
    int i
) sealed
```

J#

```
public final Type GetProviderConnStringType (
    int i
)
```

JScript

```
public final function GetProviderConnStringType (
    i : int
) : Type
```

## Parameters

i

The index of the type of provider string.

## Return Value

The supported provider connection string type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager.IsInstalled Method

Determines if the HIS OLEDB manager is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function IsInstalled As Boolean
```

C#

```
public bool IsInstalled ()
```

C++

```
public:  
virtual bool IsInstalled () sealed
```

J#

```
public final boolean IsInstalled ()
```

JScript

```
public final function IsInstalled () : boolean
```

## Return Value

**True** if the manager is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager.IsUDL Method

Determines if the specified file is a UDL file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function IsUDL ( _
    path As String _
) As Boolean
```

C#

```
public abstract bool IsUDL (
    string path
)
```

C++

```
public:
virtual bool IsUDL (
    String^ path
) abstract
```

J#

```
public abstract boolean IsUDL (
    String path
)
```

JScript

```
public abstract function IsUDL (
    path : String
) : boolean
```

## Parameters

path

The path of a file.

## Return Value

**true** if the file is a UDL file; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HisOleDbManager.ReadUDL Method

Reads the specified UDL file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function ReadUDL ( _
    path As String _
) As IConnectionString
```

C#

```
public abstract IConnectionString ReadUDL (
    string path
)
```

C++

```
public:
virtual IConnectionString^ ReadUDL (
    String^ path
) abstract
```

J#

```
public abstract IConnectionString ReadUDL (
    String path
)
```

JScript

```
public abstract function ReadUDL (
    path : String
) : IConnectionString
```

## Parameters

path

The path of the UDL file.

## Return Value

The connection string contained in the UDL file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager Properties

## Public Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type.

See Also

### Reference

[HisOleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisOleDbManager.DataSourceTypeCount Property

Gets the index of the data source type.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property DataSourceTypeCount As Integer
```

C#

```
public int DataSourceTypeCount { get; }
```

C++

```
public:  
virtual property int DataSourceTypeCount {  
    int get () sealed;  
}
```

J#

```
/** @property */  
public final int get_DataSourceTypeCount ()
```

JScript

```
public final function get DataSourceTypeCount () : int
```

## Property Value

The index of the data source type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisOleDbManager Class](#)

[HisOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory Class

Describes the HIS provider factory.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.HisProviderFactory**

Syntax


```
C#  
  
public class HisProviderFactory
```

```
C++  
  
public ref class HisProviderFactory
```

```
F#  
  
type HisProviderFactory = class end
```

```
VB  
  
Public Class HisProviderFactory
```












Constructors

	Name	Description
	<a href="#">HisProviderFactory()</a>	Creates a new instance of the <b>HisProviderFactory</b> class.

Properties

	Name	Description
	<a href="#">InstalledProviders</a>	Retrieves a list of the installed providers.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">IsAPPCInstalled()</a>	Determines if APPC is installed.
	<a href="#">IsDb2OleDbInstalled()</a>	Determines if DB2 OLEDB is installed.
	<a href="#">IsDUWInstalled()</a>	Determines if DUW is installed.
	<a href="#">IsMsDb2Installed()</a>	Determines if Microsoft DB2 is installed.
	<a href="#">IsSnaOleDbInstalled()</a>	Determines if SNAOLEDB is installed.
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to

be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# HisProviderFactory Members

Describes the HIS provider factory.



The following tables list the members exposed by the [HisProviderFactory](#) type.

## Public Constructors

Name	Description
<a href="#">HisProviderFactory</a>	Creates a new instance of the <a href="#">HisProviderFactory</a> class.

















## Top

## Public Properties

	Name	Description
 	<a href="#">InstalledProviders</a>	Retrieves a list of the installed providers.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsAPPCInstalled</a>	Determines if APPC is installed.
 	<a href="#">IsDb2OleDbInstalled</a>	Determines if DB2 OLEDB is installed.
 	<a href="#">IsDUWInstalled</a>	Determines if DUW is installed.
 	<a href="#">IsMsDb2Installed</a>	Determines if Microsoft DB2 is installed.
 	<a href="#">IsSnaOleDbInstalled</a>	Determines if SNAOLEDB is installed.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[HisProviderFactory Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory Constructor

Creates a new instance of the [HisProviderFactory](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HisProviderFactory ()
```

C++

```
public:  
HisProviderFactory ()
```

J#

```
public HisProviderFactory ()
```

JScript

```
public function HisProviderFactory ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

















[HisProviderFactory Class](#)

[HisProviderFactory Members](#)




[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsAPPCInstalled</a>	Determines if APPC is installed.
 	<a href="#">IsDb2OleDbInstalled</a>	Determines if DB2 OLEDB is installed.
 	<a href="#">IsDUWInstalled</a>	Determines if DUW is installed.
 	<a href="#">IsMsDb2Installed</a>	Determines if Microsoft DB2 is installed.
 	<a href="#">IsSnaOleDbInstalled</a>	Determines if SNAOLEDB is installed.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [HisProviderFactory Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HisProviderFactory.IsAPPCInstalled Method

Determines if APPC is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsAPPCInstalled As Boolean
```

C#

```
public static bool IsAPPCInstalled ()
```

C++

```
public:
static bool IsAPPCInstalled ()
```

J#

```
public static boolean IsAPPCInstalled ()
```

JScript

```
public static function IsAPPCInstalled () : boolean
```

## Return Value

**true** if APPC is installed; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory.IsDb2OleDbInstalled Method

Determines if DB2 OLEDB is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsDb2OleDbInstalled As Boolean
```

C#

```
public static bool IsDb2OleDbInstalled ()
```

C++

```
public:
static bool IsDb2OleDbInstalled ()
```

J#

```
public static boolean IsDb2OleDbInstalled ()
```

JScript

```
public static function IsDb2OleDbInstalled () : boolean
```

## Return Value

**True** if DB2 OLEDB is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory.IsDUWInstalled Method

Determines if DUW is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsDUWInstalled As Boolean
```

C#

```
public static bool IsDUWInstalled ()
```

C++

```
public:
static bool IsDUWInstalled ()
```

J#

```
public static boolean IsDUWInstalled ()
```

JScript

```
public static function IsDUWInstalled () : boolean
```

## Return Value

**True** if DUW is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory.IsMsDb2Installed Method

Determines if Microsoft DB2 is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsMsDb2Installed As Boolean
```

C#

```
public static bool IsMsDb2Installed ()
```

C++

```
public:
static bool IsMsDb2Installed ()
```

J#

```
public static boolean IsMsDb2Installed ()
```

JScript

```
public static function IsMsDb2Installed () : boolean
```

## Return Value

**true** if MSDB2 is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory.IsSnaOleDbInstalled Method

Determines if SNAOLEDB is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsSnaOleDbInstalled As Boolean
```

C#

```
public static bool IsSnaOleDbInstalled ()
```

C++

```
public:
static bool IsSnaOleDbInstalled ()
```

J#

```
public static boolean IsSnaOleDbInstalled ()
```

JScript

```
public static function IsSnaOleDbInstalled () : boolean
```

## Return Value

**true** if SNAOLEDB is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory Properties

Public Properties

	Name	Description
	 <a href="#">InstalledProviders</a>	Retrieves a list of the installed providers.

See Also

Reference

[HisProviderFactory Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HisProviderFactory.InstalledProviders Property

Retrieves a list of the installed providers.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Property InstalledProviders As ArrayList
```

C#

```
public static ArrayList InstalledProviders { get; }
```

C++

```
public:
static property ArrayList^ InstalledProviders {
    ArrayList^ get ();
}
```

J#

```
/** @property */
public static ArrayList get_InstalledProviders ()
```

JScript

```
public static function get InstalledProviders () : ArrayList
```

## Property Value

A list of installed providers.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[HisProviderFactory Class](#)

[HisProviderFactory Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl Class

Describes the host file HCD control.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Windows.Forms.Control](#)  
[System.Windows.Forms.ScrollableControl](#)  
[System.Windows.Forms.ContainerControl](#)  
[System.Windows.Forms.UserControl](#)  
**Microsoft.HostIntegration.DataAccessLibrary.HostFileHcdControl**

Syntax  
C#

```
public class HostFileHcdControl : UserControl
```

C++

```
public ref class HostFileHcdControl : UserControl
```


F#

```
type HostFileHcdControl =  
    class  
        inherit UserControl  
    end
```










VB

```
Public Class HostFileHcdControl  
    Inherits UserControl
```

Constructors


	Name	Description
	<a href="#">HostFileHcdControl()</a>	Creates a new instance of the <b>HostFileHcdControl</b> class.


































Properties





	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleName</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleRole</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">ActiveControl</a>	(Inherited from <a href="#">ContainerControl</a> .)
	<a href="#">AllowDrop</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">Anchor</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AutoScaleDimensions</a>	(Inherited from <a href="#">ContainerControl</a> .)



 AutoScaleFactor	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScaleMode	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMargin	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMinSize	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollOffset	(Inherited from <a href="#">Control.</a> )
 AutoScrollPosition	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoSize	(Inherited from <a href="#">UserControl.</a> )
 AutoSizeMode	(Inherited from <a href="#">UserControl.</a> )
 AutoValidate	(Inherited from <a href="#">UserControl.</a> )
 BackColor	(Inherited from <a href="#">Control.</a> )
 BackgroundImage	(Inherited from <a href="#">Control.</a> )
 BackgroundImageLayout	(Inherited from <a href="#">Control.</a> )
 BindingContext	(Inherited from <a href="#">ContainerControl.</a> )
 BorderStyle	(Inherited from <a href="#">UserControl.</a> )
 Bottom	(Inherited from <a href="#">Control.</a> )
 Bounds	(Inherited from <a href="#">Control.</a> )
 CanEnableIme	(Inherited from <a href="#">ContainerControl.</a> )
 CanFocus	(Inherited from <a href="#">Control.</a> )
 CanRaiseEvents	(Inherited from <a href="#">Control.</a> )
 CanSelect	(Inherited from <a href="#">Control.</a> )
 Capture	(Inherited from <a href="#">Control.</a> )
 CausesValidation	(Inherited from <a href="#">Control.</a> )
 ClientRectangle	(Inherited from <a href="#">Control.</a> )
 ClientSize	(Inherited from <a href="#">Control.</a> )
 CompanyName	(Inherited from <a href="#">Control.</a> )
 Container	(Inherited from <a href="#">Component.</a> )
 ContainsFocus	(Inherited from <a href="#">Control.</a> )
 ContextMenu	(Inherited from <a href="#">Control.</a> )
 ContextMenuStrip	(Inherited from <a href="#">Control.</a> )
 Controls	(Inherited from <a href="#">Control.</a> )
 Created	(Inherited from <a href="#">Control.</a> )
 CreateParams	(Inherited from <a href="#">UserControl.</a> )


































 CurrentAutoScaleDimensions	(Inherited from <a href="#">ContainerControl.</a> )
 Cursor	(Inherited from <a href="#">Control.</a> )
 DataBindings	(Inherited from <a href="#">Control.</a> )
 DefaultCursor	(Inherited from <a href="#">Control.</a> )
 DefaultImeMode	(Inherited from <a href="#">Control.</a> )
 DefaultMargin	(Inherited from <a href="#">Control.</a> )
 DefaultMaximumSize	(Inherited from <a href="#">Control.</a> )
 DefaultMinimumSize	(Inherited from <a href="#">Control.</a> )
 DefaultPadding	(Inherited from <a href="#">Control.</a> )
 DefaultSize	(Inherited from <a href="#">UserControl.</a> )
 DesignMode	(Inherited from <a href="#">Component.</a> )
 DisplayRectangle	(Inherited from <a href="#">ScrollableControl.</a> )
 Disposing	(Inherited from <a href="#">Control.</a> )
 Dock	(Inherited from <a href="#">Control.</a> )
 DoubleBuffered	(Inherited from <a href="#">Control.</a> )
 Enabled	(Inherited from <a href="#">Control.</a> )
 Events	(Inherited from <a href="#">Component.</a> )
 Focused	(Inherited from <a href="#">Control.</a> )
 Font	(Inherited from <a href="#">Control.</a> )
 FontHeight	(Inherited from <a href="#">Control.</a> )
 ForeColor	(Inherited from <a href="#">Control.</a> )
 Handle	(Inherited from <a href="#">Control.</a> )
 HasChildren	(Inherited from <a href="#">Control.</a> )
 HcdFile	Gets and sets the HCD file.
 Height	(Inherited from <a href="#">Control.</a> )
 HorizontalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 HScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 ImeMode	(Inherited from <a href="#">Control.</a> )
 ImeModeBase	(Inherited from <a href="#">Control.</a> )
 InvokeRequired	(Inherited from <a href="#">Control.</a> )
 IsAccessible	(Inherited from <a href="#">Control.</a> )
 IsDisposed	(Inherited from <a href="#">Control.</a> )
 IsHandleCreated	(Inherited from <a href="#">Control.</a> )


































 IsMirrored	(Inherited from <a href="#">Control</a> .)
 LayoutEngine	(Inherited from <a href="#">Control</a> .)
 Left	(Inherited from <a href="#">Control</a> .)
 Location	(Inherited from <a href="#">Control</a> .)
 Margin	(Inherited from <a href="#">Control</a> .)
 MaximumSize	(Inherited from <a href="#">Control</a> .)
 MinimumSize	(Inherited from <a href="#">Control</a> .)
 Name	(Inherited from <a href="#">Control</a> .)
 Padding	(Inherited from <a href="#">Control</a> .)
 Parent	(Inherited from <a href="#">Control</a> .)
 ParentForm	(Inherited from <a href="#">ContainerControl</a> .)
 PreferredSize	(Inherited from <a href="#">Control</a> .)
 ProductName	(Inherited from <a href="#">Control</a> .)
 ProductVersion	(Inherited from <a href="#">Control</a> .)
 RecreatingHandle	(Inherited from <a href="#">Control</a> .)
 Region	(Inherited from <a href="#">Control</a> .)
 RenderRightToLeft	(Inherited from <a href="#">Control</a> .)
 ResizeRedraw	(Inherited from <a href="#">Control</a> .)
 Right	(Inherited from <a href="#">Control</a> .)
 RightToLeft	(Inherited from <a href="#">Control</a> .)
 ScaleChildren	(Inherited from <a href="#">Control</a> .)
 ShowFocusCues	(Inherited from <a href="#">Control</a> .)
 ShowKeyboardCues	(Inherited from <a href="#">Control</a> .)
 Site	(Inherited from <a href="#">Control</a> .)
 Size	(Inherited from <a href="#">Control</a> .)
 TabIndex	(Inherited from <a href="#">Control</a> .)
 TabStop	(Inherited from <a href="#">Control</a> .)
 Tag	(Inherited from <a href="#">Control</a> .)
 Text	(Inherited from <a href="#">Control</a> .)
 TextChangedHandler	Sets the text changed handler.
 Top	(Inherited from <a href="#">Control</a> .)
 TopLevelControl	(Inherited from <a href="#">Control</a> .)
 UseWaitCursor	(Inherited from <a href="#">Control</a> .)

























	VerticalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
	Visible	(Inherited from <a href="#">Control.</a> )
	VScroll	(Inherited from <a href="#">ScrollableControl.</a> )
	Width	(Inherited from <a href="#">Control.</a> )

































#### Methods

	Name	Description
	AccessibilityNotifyClients(AccessibleEvents, Int32)	(Inherited from <a href="#">Control.</a> )
	AccessibilityNotifyClients(AccessibleEvents, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
	AdjustFormScrollbars(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
	BeginInvoke(Delegate)	(Inherited from <a href="#">Control.</a> )
	BeginInvoke(Delegate, Object[])	(Inherited from <a href="#">Control.</a> )
	BringToFront()	(Inherited from <a href="#">Control.</a> )
	CanContinue()	Determines if the user can continue.
	Contains(Control)	(Inherited from <a href="#">Control.</a> )
	CreateAccessibilityInstance()	(Inherited from <a href="#">Control.</a> )
	CreateControl()	(Inherited from <a href="#">Control.</a> )
	CreateControlsInstance()	(Inherited from <a href="#">Control.</a> )
	CreateGraphics()	(Inherited from <a href="#">Control.</a> )
	CreateHandle()	(Inherited from <a href="#">Control.</a> )
	CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject.</a> )
	DefWndProc(Message)	(Inherited from <a href="#">Control.</a> )
	DestroyHandle()	(Inherited from <a href="#">Control.</a> )
	Dispose()	(Inherited from <a href="#">Component.</a> )
	Dispose(Boolean)	Disposes system resources associated with the current instance.(Overrides <a href="#">ContainerControl.Dispose(Boolean).</a> )
	DoDragDrop(Object, DragDropEffects)	(Inherited from <a href="#">Control.</a> )
	DrawToBitmap(Bitmap, Rectangle)	(Inherited from <a href="#">Control.</a> )
	EndInvoke(IAsyncResult)	(Inherited from <a href="#">Control.</a> )
	Equals(Object)	(Inherited from <a href="#">Object.</a> )
	Finalize()	(Inherited from <a href="#">Component.</a> )
	FindForm()	(Inherited from <a href="#">Control.</a> )
	Focus()	(Inherited from <a href="#">Control.</a> )
	GetAccessibilityObjectById(Int32)	(Inherited from <a href="#">Control.</a> )
	GetAutoSizeMode()	(Inherited from <a href="#">Control.</a> )


































 GetChildAtPoint(Point)	(Inherited from <a href="#">Control.</a> )
 GetChildAtPoint(Point, GetChildAtPointSkip)	(Inherited from <a href="#">Control.</a> )
 GetContainerControl()	(Inherited from <a href="#">Control.</a> )
 GetHashCode()	(Inherited from <a href="#">Object.</a> )
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 GetNextControl(Control, Boolean)	(Inherited from <a href="#">Control.</a> )
 GetPreferredSize(Size)	(Inherited from <a href="#">Control.</a> )
 GetScaledBounds(Rectangle, SizeF, BoundsSpecified)	(Inherited from <a href="#">Control.</a> )
 GetScrollState(Int32)	(Inherited from <a href="#">ScrollableControl.</a> )
 GetService(Type)	(Inherited from <a href="#">Component.</a> )
 GetStyle(ControlStyles)	(Inherited from <a href="#">Control.</a> )
 GetTopLevel()	(Inherited from <a href="#">Control.</a> )
 GetType()	(Inherited from <a href="#">Object.</a> )
 Hide()	(Inherited from <a href="#">Control.</a> )
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 InitLayout()	(Inherited from <a href="#">Control.</a> )
 Invalidate()	(Inherited from <a href="#">Control.</a> )
 Invalidate(Boolean)	(Inherited from <a href="#">Control.</a> )
 Invalidate(Rectangle)	(Inherited from <a href="#">Control.</a> )
 Invalidate(Rectangle, Boolean)	(Inherited from <a href="#">Control.</a> )
 Invalidate(Region)	(Inherited from <a href="#">Control.</a> )
 Invalidate(Region, Boolean)	(Inherited from <a href="#">Control.</a> )
 Invoke(Delegate)	(Inherited from <a href="#">Control.</a> )
 Invoke(Delegate, Object[])	(Inherited from <a href="#">Control.</a> )
 InvokeGotFocus(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokeLostFocus(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokeOnClick(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokePaint(Control, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokePaintBackground(Control, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 IsInputChar(Char)	(Inherited from <a href="#">Control.</a> )
 IsInputKey(Keys)	(Inherited from <a href="#">Control.</a> )
 MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject.</a> )

 NotifyInvalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 OnAutoSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnAutoValidateChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBackgroundImageLayoutChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnCausesValidationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnChangeUICues(UICuesEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnClientSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnContextMenuChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnContextMenuStripChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnControlAdded(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnControlRemoved(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnCreateControl()	(Inherited from <a href="#">UserControl</a> .)
 OnCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDockChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDoubleClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragDrop(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragEnter(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragOver(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnFontChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnGiveFeedback(GiveFeedbackEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnGotFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHandleCreated(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHandleDestroyed(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHelpRequested(HelpEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnImeModeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)

 OnInvalidated(InvalidateEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyDown(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyPress(KeyPressEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyUp(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLayout(LayoutEventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLoad(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnLocationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLostFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMarginChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseCaptureChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseClicked(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDoubleClick(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDown(MouseEventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnMouseEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseHover(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseMove(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseUp(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseWheel(MouseEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnMove(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnNotifyMessage(Message)	(Inherited from <a href="#">Control</a> .)
 OnPaddingChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnPaint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnPaintBackground(PaintEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnParentBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnParentCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentFontChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)











	OnParentRightToLeftChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnParentVisibleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnPreviewKeyDown(PreviewKeyDownEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnPrint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnQueryContinueDrag(QueryContinueDragEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnRegionChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnResize(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
	OnRightToLeftChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	OnScroll(ScrollEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	OnSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnStyleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnSystemColorsChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTabIndexChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTabStopChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnValidated(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnValidating(CancelEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnVisibleChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	PerformAutoScale()	(Inherited from <a href="#">ContainerControl</a> .)
	PerformLayout()	(Inherited from <a href="#">Control</a> .)
	PerformLayout(Control, String)	(Inherited from <a href="#">Control</a> .)
	PointToClient(Point)	(Inherited from <a href="#">Control</a> .)
	PointToScreen(Point)	(Inherited from <a href="#">Control</a> .)
	PreProcessControlMessage(Message)	(Inherited from <a href="#">Control</a> .)
	PreProcessMessage(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessCmdKey(Message, Keys)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessDialogChar(Char)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessDialogKey(Keys)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessKeyEventArgs(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessKeyMessage(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessKeyPreview(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessMnemonic(Char)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessTabKey(Boolean)	(Inherited from <a href="#">ContainerControl</a> .)























 RaiseDragEvent(Object, DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseKeyEvent(Object, KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseMouseEvent(Object, MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaisePaintEvent(Object, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 RecreateHandle()	(Inherited from <a href="#">Control</a> .)
 RectangleToClient(Rectangle)	(Inherited from <a href="#">Control</a> .)
 RectangleToScreen(Rectangle)	(Inherited from <a href="#">Control</a> .)
 Refresh()	(Inherited from <a href="#">Control</a> .)
 ResetMouseEventArgs()	(Inherited from <a href="#">Control</a> .)
 ResetText()	(Inherited from <a href="#">Control</a> .)
 ResumeLayout()	(Inherited from <a href="#">Control</a> .)
 ResumeLayout(Boolean)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(ContentAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(HorizontalAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(LeftRightAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateContent(ContentAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateHorizontal(HorizontalAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateLeftRight(LeftRightAlignment)	(Inherited from <a href="#">Control</a> .)
 Scale(SizeF)	(Inherited from <a href="#">Control</a> .)
 ScaleControl(SizeF, BoundsSpecified)	(Inherited from <a href="#">ScrollableControl</a> .)
 ScrollControlIntoView(Control)	(Inherited from <a href="#">ScrollableControl</a> .)
 ScrollToControl(Control)	(Inherited from <a href="#">ScrollableControl</a> .)
 Select()	(Inherited from <a href="#">Control</a> .)
 Select(Boolean, Boolean)	(Inherited from <a href="#">ContainerControl</a> .)
 SelectNextControl(Control, Boolean, Boolean, Boolean, Boolean)	(Inherited from <a href="#">Control</a> .)
 SendToBack()	(Inherited from <a href="#">Control</a> .)
 SetAutoScrollMargin(Int32, Int32)	(Inherited from <a href="#">ScrollableControl</a> .)
 SetAutoSizeMode(AutoSizeMode)	(Inherited from <a href="#">Control</a> .)
 SetBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 SetBounds(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 SetBoundsCore(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 SetClientSizeCore(Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 SetDisplayRectLocation(Int32, Int32)	(Inherited from <a href="#">ScrollableControl</a> .)

 SetScrollState(Int32, Boolean)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetStyle(ControlStyles, Boolean)	(Inherited from <a href="#">Control.</a> )
 SetTopLevel(Boolean)	(Inherited from <a href="#">Control.</a> )
 SetVisibleCore(Boolean)	(Inherited from <a href="#">Control.</a> )
 Show()	(Inherited from <a href="#">Control.</a> )
 SizeFromClientSize(Size)	(Inherited from <a href="#">Control.</a> )
 SuspendLayout()	(Inherited from <a href="#">Control.</a> )
 ToString()	(Inherited from <a href="#">Component.</a> )
 Update()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateDefaultButton()	(Inherited from <a href="#">ContainerControl.</a> )
 UpdateStyles()	(Inherited from <a href="#">Control.</a> )
 UpdateZOrder()	(Inherited from <a href="#">Control.</a> )
 Validate()	(Inherited from <a href="#">ContainerControl.</a> )
 Validate(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
 ValidateChildren()	(Inherited from <a href="#">UserControl.</a> )
 ValidateChildren(ValidationConstraints)	(Inherited from <a href="#">UserControl.</a> )
 ValidateInput()	Determines if the system will validate the input to the control.
 WndProc(Message)	(Inherited from <a href="#">UserControl.</a> )




#### Events

Name	Description
 AutoSizeChanged	(Inherited from <a href="#">UserControl.</a> )
 AutoValidateChanged	(Inherited from <a href="#">UserControl.</a> )
 BackColorChanged	(Inherited from <a href="#">Control.</a> )
 BackgroundImageChanged	(Inherited from <a href="#">Control.</a> )
 BackgroundImageLayoutChanged	(Inherited from <a href="#">Control.</a> )
 BindingContextChanged	(Inherited from <a href="#">Control.</a> )
 CausesValidationChanged	(Inherited from <a href="#">Control.</a> )
 ChangeUICues	(Inherited from <a href="#">Control.</a> )
 Click	(Inherited from <a href="#">Control.</a> )
 ClientSizeChanged	(Inherited from <a href="#">Control.</a> )

 ContextMenuChanged	(Inherited from <a href="#">Control</a> .)
 ContextMenuStripChanged	(Inherited from <a href="#">Control</a> .)
 ControlAdded	(Inherited from <a href="#">Control</a> .)
 ControlRemoved	(Inherited from <a href="#">Control</a> .)
 CursorChanged	(Inherited from <a href="#">Control</a> .)
 Disposed	(Inherited from <a href="#">Component</a> .)
 DockChanged	(Inherited from <a href="#">Control</a> .)
 DoubleClick	(Inherited from <a href="#">Control</a> .)
 DragDrop	(Inherited from <a href="#">Control</a> .)
 DragEnter	(Inherited from <a href="#">Control</a> .)
 DragLeave	(Inherited from <a href="#">Control</a> .)
 DragOver	(Inherited from <a href="#">Control</a> .)
 EnabledChanged	(Inherited from <a href="#">Control</a> .)
 Enter	(Inherited from <a href="#">Control</a> .)
 FontChanged	(Inherited from <a href="#">Control</a> .)
 ForeColorChanged	(Inherited from <a href="#">Control</a> .)
 GiveFeedback	(Inherited from <a href="#">Control</a> .)
 GotFocus	(Inherited from <a href="#">Control</a> .)
 HandleCreated	(Inherited from <a href="#">Control</a> .)
 HandleDestroyed	(Inherited from <a href="#">Control</a> .)
 HelpRequested	(Inherited from <a href="#">Control</a> .)
 ImeModeChanged	(Inherited from <a href="#">Control</a> .)
 Invalidated	(Inherited from <a href="#">Control</a> .)
 KeyDown	(Inherited from <a href="#">Control</a> .)
 KeyPress	(Inherited from <a href="#">Control</a> .)
 KeyUp	(Inherited from <a href="#">Control</a> .)
 Layout	(Inherited from <a href="#">Control</a> .)
 Leave	(Inherited from <a href="#">Control</a> .)
 Load	(Inherited from <a href="#">UserControl</a> .)
 LocationChanged	(Inherited from <a href="#">Control</a> .)
 LostFocus	(Inherited from <a href="#">Control</a> .)
 MarginChanged	(Inherited from <a href="#">Control</a> .)
 MouseCaptureChanged	(Inherited from <a href="#">Control</a> .)

	MouseDown	(Inherited from <a href="#">Control</a> .)
	MouseDoubleClick	(Inherited from <a href="#">Control</a> .)
	MouseDown	(Inherited from <a href="#">Control</a> .)
	MouseEnter	(Inherited from <a href="#">Control</a> .)
	MouseHover	(Inherited from <a href="#">Control</a> .)
	MouseLeave	(Inherited from <a href="#">Control</a> .)
	MouseMove	(Inherited from <a href="#">Control</a> .)
	MouseUp	(Inherited from <a href="#">Control</a> .)
	MouseWheel	(Inherited from <a href="#">Control</a> .)
	Move	(Inherited from <a href="#">Control</a> .)
	PaddingChanged	(Inherited from <a href="#">Control</a> .)
	Paint	(Inherited from <a href="#">Control</a> .)
	ParentChanged	(Inherited from <a href="#">Control</a> .)
	PreviewKeyDown	(Inherited from <a href="#">Control</a> .)
	QueryAccessibilityHelp	(Inherited from <a href="#">Control</a> .)
	QueryContinueDrag	(Inherited from <a href="#">Control</a> .)
	RegionChanged	(Inherited from <a href="#">Control</a> .)
	Resize	(Inherited from <a href="#">Control</a> .)
	RightToLeftChanged	(Inherited from <a href="#">Control</a> .)
	Scroll	(Inherited from <a href="#">ScrollableControl</a> .)
	SizeChanged	(Inherited from <a href="#">Control</a> .)
	StyleChanged	(Inherited from <a href="#">Control</a> .)
	SystemColorsChanged	(Inherited from <a href="#">Control</a> .)
	TabIndexChanged	(Inherited from <a href="#">Control</a> .)
	TabStopChanged	(Inherited from <a href="#">Control</a> .)
	TextChanged	(Inherited from <a href="#">Control</a> .)
	Validated	(Inherited from <a href="#">Control</a> .)
	Validating	(Inherited from <a href="#">Control</a> .)
	VisibleChanged	(Inherited from <a href="#">Control</a> .)

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">IContainerControl</a> . <a href="#">ActivateControl</a> ( <a href="#">Control</a> )	(Inherited from <a href="#">ContainerControl</a> .)
	<a href="#">IDropTarget</a> . <a href="#">OnDragDrop</a> ( <a href="#">DragEventArgs</a> )	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget</a> . <a href="#">OnDragEnter</a> ( <a href="#">DragEventArgs</a> )	(Inherited from <a href="#">Control</a> .)

	<a href="#">IDropTarget.OnDragLeave(EventArgs)</a>	(Inherited from <a href="#">Control.</a> )
	<a href="#">IDropTarget.OnDragOver(DragEventArgs)</a>	(Inherited from <a href="#">Control.</a> )

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# HostFileHcdControl Members

Describes the host file HCD control.











The following tables list the members exposed by the [HostFileHcdControl](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileHcdControl</a>	Creates a new instance of the <a href="#">HostFileHcdControl</a> class.



































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## Protected Fields











	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

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## Public Properties (see also [Protected Properties](#))


























	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )

	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Enabled</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focused</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Font</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Handle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HasChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HcdFile</a>	Gets and sets the HCD file.
	<a href="#">Height</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HorizontalScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeRequired</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsAccessible</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsDisposed</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsHandleCreated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsMirrored</a>	(inherited from <a href="#">Control</a> )
	<a href="#">LayoutEngine</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Left</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Location</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Margin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MinimumSize</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ModifierKeys</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MouseButtons</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MousePosition</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Padding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Parent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentForm</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductVersion</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreatingHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Region</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Right</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Size</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndex</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStop</a>	(inherited from <a href="#">Control</a> )

	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">UserControl</a> )
	TextChangedHandler	Sets the text changed handler.
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )















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#### Protected Properties






















































	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )
	CreateParams	(inherited from <a href="#">UserControl</a> )
	DefaultCursor	(inherited from <a href="#">Control</a> )
	DefaultImeMode	(inherited from <a href="#">Control</a> )
	DefaultMargin	(inherited from <a href="#">Control</a> )
	DefaultMaximumSize	(inherited from <a href="#">Control</a> )
	DefaultMinimumSize	(inherited from <a href="#">Control</a> )
	DefaultPadding	(inherited from <a href="#">Control</a> )
	DefaultSize	(inherited from <a href="#">UserControl</a> )
	DesignMode	(inherited from <a href="#">Component</a> )
	DoubleBuffered	(inherited from <a href="#">Control</a> )
	Events	(inherited from <a href="#">Component</a> )
	FontHeight	(inherited from <a href="#">Control</a> )
	HScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeModeBase	(inherited from <a href="#">Control</a> )
	 PropagatingImeMode	(inherited from <a href="#">Control</a> )
	RenderRightToLeft	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	ResizeRedraw	(inherited from <a href="#">Control</a> )
	ScaleChildren	(inherited from <a href="#">Control</a> )
	ShowFocusCues	(inherited from <a href="#">Control</a> )
	ShowKeyboardCues	(inherited from <a href="#">Control</a> )
	VScroll	(inherited from <a href="#">ScrollableControl</a> )

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#### Public Methods (see also [Protected Methods](#))




	Name	Description
	BeginInvoke	Overloaded. (inherited from <a href="#">Control</a> )
	BringToFront	(inherited from <a href="#">Control</a> )
	CanContinue	Determines if the user can continue.
	Contains	(inherited from <a href="#">Control</a> )
	CreateControl	(inherited from <a href="#">Control</a> )
	CreateGraphics	(inherited from <a href="#">Control</a> )
	CreateObjRef	(inherited from <a href="#">MarshalByRefObject</a> )
	Dispose	Overloaded.
	DoDragDrop	(inherited from <a href="#">Control</a> )
	DrawToBitmap	(inherited from <a href="#">Control</a> )
	EndInvoke	(inherited from <a href="#">Control</a> )
	Equals	Overloaded. (inherited from <a href="#">Object</a> )
	FindForm	(inherited from <a href="#">Control</a> )
	Focus	(inherited from <a href="#">Control</a> )







































































































 	<a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
 	<a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Show</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">UserControl</a> )
	<a href="#">ValidateInput</a>	Determines if the system will validate the input to the control.



























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#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )

















	CreateControlsInstance	(inherited from <a href="#">Control</a> )
	CreateHandle	(inherited from <a href="#">Control</a> )
	DefWndProc	(inherited from <a href="#">Control</a> )
	DestroyHandle	(inherited from <a href="#">Control</a> )
	Dispose	Overloaded. Overridden.
	Finalize	(inherited from <a href="#">Component</a> )
	GetAccessibilityObjectById	(inherited from <a href="#">Control</a> )
	GetAutoSizeMode	(inherited from <a href="#">Control</a> )
	GetScaledBounds	(inherited from <a href="#">Control</a> )
	GetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	GetService	(inherited from <a href="#">Component</a> )
	GetStyle	(inherited from <a href="#">Control</a> )
	GetTopLevel	(inherited from <a href="#">Control</a> )
	InitLayout	(inherited from <a href="#">Control</a> )
	InvokeGotFocus	(inherited from <a href="#">Control</a> )
	InvokeLostFocus	(inherited from <a href="#">Control</a> )
	InvokeOnClick	(inherited from <a href="#">Control</a> )
	InvokePaint	(inherited from <a href="#">Control</a> )
	InvokePaintBackground	(inherited from <a href="#">Control</a> )
	IsInputChar	(inherited from <a href="#">Control</a> )
	IsInputKey	(inherited from <a href="#">Control</a> )
	MemberwiseClone	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	NotifyInvalidade	(inherited from <a href="#">Control</a> )
	OnAutoSizeChanged	(inherited from <a href="#">Control</a> )
	OnAutoValidateChanged	(inherited from <a href="#">ContainerControl</a> )
	OnBackColorChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageLayoutChanged	(inherited from <a href="#">Control</a> )
	OnBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnCausesValidationChanged	(inherited from <a href="#">Control</a> )
	OnChangeUICues	(inherited from <a href="#">Control</a> )
	OnClick	(inherited from <a href="#">Control</a> )
	OnClientSizeChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuStripChanged	(inherited from <a href="#">Control</a> )
	OnControlAdded	(inherited from <a href="#">Control</a> )
	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">UserControl</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )

	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">UserControl</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Control</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Control</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">ScrollableControl</a> )
	ProcessCmdKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogChar	(inherited from <a href="#">ContainerControl</a> )



	<a href="#">ProcessDialogKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessKeyEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyPreview</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessMnemonic</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessTabKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">RaiseDragEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseKeyEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseMouseEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaisePaintEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreateHandle</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ReflectMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetMouseEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateContent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateHorizontal</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateLeftRight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScaleCore</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollToControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetBoundsCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetClientSizeCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetDisplayRectLocation</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetVisibleCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SizeFromClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">UpdateDefaultButton</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">UpdateStyles</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateZOrder</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WndProc</a>	(inherited from <a href="#">UserControl</a> )

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#### Public Events

	<b>Name</b>	<b>Description</b>
	<a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Click</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

⚡ DockChanged	(inherited from <a href="#">Control</a> )
⚡ DoubleClick	(inherited from <a href="#">Control</a> )
⚡ DragDrop	(inherited from <a href="#">Control</a> )
⚡ DragEnter	(inherited from <a href="#">Control</a> )
⚡ DragLeave	(inherited from <a href="#">Control</a> )
⚡ DragOver	(inherited from <a href="#">Control</a> )
⚡ EnabledChanged	(inherited from <a href="#">Control</a> )
⚡ Enter	(inherited from <a href="#">Control</a> )
⚡ FontChanged	(inherited from <a href="#">Control</a> )
⚡ ForeColorChanged	(inherited from <a href="#">Control</a> )
⚡ GiveFeedback	(inherited from <a href="#">Control</a> )
⚡ GotFocus	(inherited from <a href="#">Control</a> )
⚡ HandleCreated	(inherited from <a href="#">Control</a> )
⚡ HandleDestroyed	(inherited from <a href="#">Control</a> )
⚡ HelpRequested	(inherited from <a href="#">Control</a> )
⚡ ImeModeChanged	(inherited from <a href="#">Control</a> )
⚡ Invalidated	(inherited from <a href="#">Control</a> )
⚡ KeyDown	(inherited from <a href="#">Control</a> )
⚡ KeyPress	(inherited from <a href="#">Control</a> )
⚡ KeyUp	(inherited from <a href="#">Control</a> )
⚡ Layout	(inherited from <a href="#">Control</a> )
⚡ Leave	(inherited from <a href="#">Control</a> )
⚡ Load	(inherited from <a href="#">UserControl</a> )
⚡ LocationChanged	(inherited from <a href="#">Control</a> )
⚡ LostFocus	(inherited from <a href="#">Control</a> )
⚡ MarginChanged	(inherited from <a href="#">Control</a> )
⚡ MouseCaptureChanged	(inherited from <a href="#">Control</a> )
⚡ MouseClick	(inherited from <a href="#">Control</a> )
⚡ MouseDoubleClick	(inherited from <a href="#">Control</a> )
⚡MouseDown	(inherited from <a href="#">Control</a> )
⚡ MouseEnter	(inherited from <a href="#">Control</a> )
⚡ MouseHover	(inherited from <a href="#">Control</a> )
⚡ MouseLeave	(inherited from <a href="#">Control</a> )
⚡MouseMove	(inherited from <a href="#">Control</a> )
⚡ MouseUp	(inherited from <a href="#">Control</a> )
⚡ MouseWheel	(inherited from <a href="#">Control</a> )
⚡ Move	(inherited from <a href="#">Control</a> )
⚡ PaddingChanged	(inherited from <a href="#">Control</a> )
⚡ Paint	(inherited from <a href="#">Control</a> )
⚡ ParentChanged	(inherited from <a href="#">Control</a> )
⚡ PreviewKeyDown	(inherited from <a href="#">Control</a> )
⚡ QueryAccessibilityHelp	(inherited from <a href="#">Control</a> )
⚡ QueryContinueDrag	(inherited from <a href="#">Control</a> )
⚡ RegionChanged	(inherited from <a href="#">Control</a> )
⚡ Resize	(inherited from <a href="#">Control</a> )
⚡ RightToLeftChanged	(inherited from <a href="#">Control</a> )
⚡ Scroll	(inherited from <a href="#">ScrollableControl</a> )
⚡ SizeChanged	(inherited from <a href="#">Control</a> )
⚡ StyleChanged	(inherited from <a href="#">Control</a> )
⚡ SystemColorsChanged	(inherited from <a href="#">Control</a> )
⚡ TabIndexChanged	(inherited from <a href="#">Control</a> )
⚡ TabStopChanged	(inherited from <a href="#">Control</a> )
⚡ TextChanged	(inherited from <a href="#">UserControl</a> )
⚡ Validated	(inherited from <a href="#">Control</a> )

 <a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
 <a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

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Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

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See Also











Reference

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl Fields

Protected Fields

	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

Reference

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl Constructor

Creates a new instance of the [HostFileHcdControl](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileHcdControl ()
```

C++

```
public:  
HostFileHcdControl ()
```

J#

```
public HostFileHcdControl ()
```

JScript

```
public function HostFileHcdControl ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileHcdControl Class](#)

[HostFileHcdControl Members](#)














[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


























# HostFileHcdControl Methods




















































Public Methods (see also [Protected Methods](#))



















































	Name	Description
🔗	<a href="#">BeginInvoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">BringToFront</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">CanContinue</a>	Determines if the user can continue.
🔗	<a href="#">Contains</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">CreateControl</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">CreateGraphics</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
🔗	<a href="#">Dispose</a>	Overloaded.
🔗	<a href="#">DoDragDrop</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">DrawToBitmap</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">EndInvoke</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
🔗	<a href="#">FindForm</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">Focus</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
🔗	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
🔗	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
🔗	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
🔗	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
🔗	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
🔗	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
🔗	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
🔗	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )

	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Show</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">UserControl</a> )
	<a href="#">ValidateInput</a>	Determines if the system will validate the input to the control.

#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetAccessibilityObjectById</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScaledBounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeGotFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeLostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeOnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaintBackground</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputChar</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputKey</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">NotifyInvalidated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoValidateChanged</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">OnBackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlAdded</a>	(inherited from <a href="#">Control</a> )

	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">UserControl</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )

	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">UserControl</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Control</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Control</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">ScrollableControl</a> )
	ProcessCmdKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogChar	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessKeyEventArgs	(inherited from <a href="#">Control</a> )
	ProcessKeyMessage	(inherited from <a href="#">Control</a> )
	ProcessKeyPreview	(inherited from <a href="#">Control</a> )
	ProcessMnemonic	(inherited from <a href="#">ContainerControl</a> )
	ProcessTabKey	(inherited from <a href="#">ContainerControl</a> )
	RaiseDragEvent	(inherited from <a href="#">Control</a> )
	RaiseKeyEvent	(inherited from <a href="#">Control</a> )
	RaiseMouseEvent	(inherited from <a href="#">Control</a> )
	RaisePaintEvent	(inherited from <a href="#">Control</a> )
	RecreateHandle	(inherited from <a href="#">Control</a> )
 	ReflectMessage	(inherited from <a href="#">Control</a> )
	ResetMouseEventArgs	(inherited from <a href="#">Control</a> )
	RtlTranslateAlignment	Overloaded. (inherited from <a href="#">Control</a> )
	RtlTranslateContent	(inherited from <a href="#">Control</a> )
	RtlTranslateHorizontal	(inherited from <a href="#">Control</a> )
	RtlTranslateLeftRight	(inherited from <a href="#">Control</a> )
	ScaleControl	(inherited from <a href="#">ScrollableControl</a> )
	ScaleCore	(inherited from <a href="#">ScrollableControl</a> )
	ScrollToControl	(inherited from <a href="#">ScrollableControl</a> )
	Select	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	SetAutoSizeMode	(inherited from <a href="#">Control</a> )
	SetBoundsCore	(inherited from <a href="#">Control</a> )
	SetClientSizeCore	(inherited from <a href="#">Control</a> )
	SetDisplayRectLocation	(inherited from <a href="#">ScrollableControl</a> )
	SetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	SetStyle	(inherited from <a href="#">Control</a> )
	SetTopLevel	(inherited from <a href="#">Control</a> )
	SetVisibleCore	(inherited from <a href="#">Control</a> )
	SizeFromClientSize	(inherited from <a href="#">Control</a> )
	UpdateBounds	Overloaded. (inherited from <a href="#">Control</a> )
	UpdateDefaultButton	(inherited from <a href="#">ContainerControl</a> )
	UpdateStyles	(inherited from <a href="#">Control</a> )
	UpdateZOrder	(inherited from <a href="#">Control</a> )
	WndProc	(inherited from <a href="#">UserControl</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

See Also

**Reference**

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl.CanContinue Method

Determines if the user can continue.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CanContinue As Boolean
```

C#

```
public bool CanContinue ()
```

C++

```
public:  
bool CanContinue ()
```

J#

```
public boolean CanContinue ()
```

JScript

```
public function CanContinue () : boolean
```

## Return Value

**true** if the user can continue; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileHcdControl Class](#)

[HostFileHcdControl Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl.Dispose Method

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

	Name	Description
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	Disposes system resources associated with the current instance.(Overrides <a href="#">ContainerControl.Dispose(Boolean)</a> .)

## See Also

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

## HostFileHcdControl.Dispose Method (Boolean)

Disposes system resources associated with the current instance.

## Syntax

C#

```
protected override void Dispose(  
    bool disposing  
)
```

C++

```
protected:  
virtual void Dispose(  
    bool disposing  
) override
```

F#

```
override Dispose :  
    disposing:bool -> unit
```

VB

```
Protected Overrides Sub Dispose (  
    disposing As Boolean  
)
```

## Parameters

*disposing*

Type: [System.Boolean](#)

**True** if the system is currently disposing; otherwise, **false**.

[Return to top](#)

# HostFileHcdControl.Dispose Method (Boolean)

Disposes system resources associated with the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Dispose ( _
    disposing As Boolean _
)
```

C#

```
protected override void Dispose (
    bool disposing
)
```

C++

```
protected:
virtual void Dispose (
    bool disposing
) override
```

J#

```
protected void Dispose (
    boolean disposing
)
```

JScript

```
protected override function Dispose (
    disposing : boolean
)
```

## Parameters

disposing

**True** if the system is currently disposing; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileHcdControl Class](#)

[HostFileHcdControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HostFileHcdControl.ValidateInput Method

Determines if the system will validate the input to the control.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function ValidateInput As Boolean
```

C#

```
public bool ValidateInput ()
```

C++

```
public:  
bool ValidateInput ()
```

J#

```
public boolean ValidateInput ()
```

JScript

```
public function ValidateInput () : boolean
```

## Return Value

**True** if the system should validate the input; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















































[HostFileHcdControl Class](#)





































[HostFileHcdControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)




# HostFileHcdControl Properties























Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )

	Enabled	(inherited from <a href="#">Control</a> )
	Focused	(inherited from <a href="#">Control</a> )
	Font	(inherited from <a href="#">Control</a> )
	ForeColor	(inherited from <a href="#">Control</a> )
	Handle	(inherited from <a href="#">Control</a> )
	HasChildren	(inherited from <a href="#">Control</a> )
	HcdFile	Gets and sets the HCD file.
	Height	(inherited from <a href="#">Control</a> )
	HorizontalScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeMode	(inherited from <a href="#">Control</a> )
	InvokeRequired	(inherited from <a href="#">Control</a> )
	IsAccessible	(inherited from <a href="#">Control</a> )
	IsDisposed	(inherited from <a href="#">Control</a> )
	IsHandleCreated	(inherited from <a href="#">Control</a> )
	IsMirrored	(inherited from <a href="#">Control</a> )
	LayoutEngine	(inherited from <a href="#">Control</a> )
	Left	(inherited from <a href="#">Control</a> )
	Location	(inherited from <a href="#">Control</a> )
	Margin	(inherited from <a href="#">Control</a> )
	MaximumSize	(inherited from <a href="#">Control</a> )
	MinimumSize	(inherited from <a href="#">Control</a> )
 S	ModifierKeys	(inherited from <a href="#">Control</a> )
 S	MouseButtons	(inherited from <a href="#">Control</a> )
 S	MousePosition	(inherited from <a href="#">Control</a> )
	Name	(inherited from <a href="#">Control</a> )
	Padding	(inherited from <a href="#">Control</a> )
	Parent	(inherited from <a href="#">Control</a> )
	ParentForm	(inherited from <a href="#">ContainerControl</a> )
	PreferredSize	(inherited from <a href="#">Control</a> )
	ProductName	(inherited from <a href="#">Control</a> )
	ProductVersion	(inherited from <a href="#">Control</a> )
	RecreatingHandle	(inherited from <a href="#">Control</a> )
	Region	(inherited from <a href="#">Control</a> )
	Right	(inherited from <a href="#">Control</a> )
	RightToLeft	(inherited from <a href="#">Control</a> )
	Site	(inherited from <a href="#">Control</a> )
	Size	(inherited from <a href="#">Control</a> )
	TabIndex	(inherited from <a href="#">Control</a> )
	TabStop	(inherited from <a href="#">Control</a> )
	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">UserControl</a> )
	TextChangedHandler	Sets the text changed handler.
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )

#### Protected Properties

	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )

	<a href="#">CreateParams</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">DefaultCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMargin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMinimumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultPadding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DoubleBuffered</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FontHeight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeModeBase</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">PropagatingImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RenderRightToLeft</a>	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	<a href="#">ResizeRedraw</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowFocusCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowKeyboardCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VScroll</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

#### Reference

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl.HcdFile Property

Gets and sets the HCD file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HcdFile As String
```

C#

```
public string HcdFile { get; set; }
```

C++

```
public:
property String^ HcdFile {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_HcdFile ()

/** @property */
public void set_HcdFile (String value)
```

JScript

```
public function get HcdFile () : String

public function set HcdFile (value : String)
```

## Property Value

The name of the HCD file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileHcdControl Class](#)

[HostFileHcdControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl.TextChangedHandler Property

Sets the text changed handler.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public WriteOnly Property TextChangedHandler As EventHandler
```

C#

```
public EventHandler TextChangedHandler { set; }
```

C++

```
public:  
property EventHandler^ TextChangedHandler {  
    void set (EventHandler^ value);  
}
```

J#

```
/** @property */  
public void set_TextChangedHandler (EventHandler value)
```

JScript

```
public function set TextChangedHandler (value : EventHandler)
```

## Property Value

The new handler for the TextChanged event.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














































[HostFileHcdControl Class](#)

















[HostFileHcdControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileHcdControl Events

## Public Events

Name	Description
 <a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Click</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DockChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DoubleClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragDrop</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragEnter</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragLeave</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragOver</a>	(inherited from <a href="#">Control</a> )
 <a href="#">EnabledChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Enter</a>	(inherited from <a href="#">Control</a> )
 <a href="#">FontChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ForeColorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">GiveFeedback</a>	(inherited from <a href="#">Control</a> )
 <a href="#">GotFocus</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HandleCreated</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HandleDestroyed</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HelpRequested</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ImeModeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Invalidated</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyDown</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyPress</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyUp</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Layout</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Leave</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Load</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">LocationChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">LostFocus</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MarginChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseCaptureChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseDoubleClick</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseHover</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseLeave</a>	(inherited from <a href="#">Control</a> )

	<a href="#">MouseMove</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseUp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseWheel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Move</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PaddingChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Paint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreviewKeyDown</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryAccessibilityHelp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RegionChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Resize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeftChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Scroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">StyleChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndexChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStopChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TextChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Validated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

See Also

#### Reference

[HostFileHcdControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HostFileMetadataControl Class

Provides access to the host file Metadata control.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy

- [System.Object](#)
- [System.MarshalByRefObject](#)
- [System.ComponentModel.Component](#)
- [System.Windows.Forms.Control](#)
- [System.Windows.Forms.ScrollableControl](#)
- [System.Windows.Forms.ContainerControl](#)
- [System.Windows.Forms.UserControl](#)
- Microsoft.HostIntegration.DataAccessLibrary.HostFileMetadataControl**

Syntax  
C#

```
public class HostFileMetadataControl : UserControl
```

C++

```
public ref class HostFileMetadataControl : UserControl
```


F#

```
type HostFileMetadataControl =  
    class  
        inherit UserControl  
    end
```










VB


```
Public Class HostFileMetadataControl  
    Inherits UserControl
```


































Constructors

	Name	Description
	<a href="#">HostFileMetadataControl()</a>	Creates a new instance of the <b>HostFileMetadataControl</b> class.





Properties

	Name	Description
	<a href="#">AccessibilityObject</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleName</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleRole</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">ActiveControl</a>	(Inherited from <a href="#">ContainerControl</a> .)
	<a href="#">AllowDrop</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">Anchor</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AutoScaleDimensions</a>	(Inherited from <a href="#">ContainerControl</a> .)

 AutoScaleFactor	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScaleMode	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMargin	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMinSize	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollOffset	(Inherited from <a href="#">Control.</a> )
 AutoScrollPosition	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoSize	(Inherited from <a href="#">UserControl.</a> )
 AutoSizeMode	(Inherited from <a href="#">UserControl.</a> )
 AutoValidate	(Inherited from <a href="#">UserControl.</a> )
 BackColor	(Inherited from <a href="#">Control.</a> )
 BackgroundImage	(Inherited from <a href="#">Control.</a> )
 BackgroundImageLayout	(Inherited from <a href="#">Control.</a> )
 BindingContext	(Inherited from <a href="#">ContainerControl.</a> )
 BorderStyle	(Inherited from <a href="#">UserControl.</a> )
 Bottom	(Inherited from <a href="#">Control.</a> )
 Bounds	(Inherited from <a href="#">Control.</a> )
 CanEnableIme	(Inherited from <a href="#">ContainerControl.</a> )
 CanFocus	(Inherited from <a href="#">Control.</a> )
 CanRaiseEvents	(Inherited from <a href="#">Control.</a> )
 CanSelect	(Inherited from <a href="#">Control.</a> )
 Capture	(Inherited from <a href="#">Control.</a> )
 CausesValidation	(Inherited from <a href="#">Control.</a> )
 ClientRectangle	(Inherited from <a href="#">Control.</a> )
 ClientSize	(Inherited from <a href="#">Control.</a> )
 CompanyName	(Inherited from <a href="#">Control.</a> )
 Container	(Inherited from <a href="#">Component.</a> )
 ContainsFocus	(Inherited from <a href="#">Control.</a> )
 ContextMenu	(Inherited from <a href="#">Control.</a> )
 ContextMenuStrip	(Inherited from <a href="#">Control.</a> )
 Controls	(Inherited from <a href="#">Control.</a> )
 Created	(Inherited from <a href="#">Control.</a> )
 CreateParams	(Inherited from <a href="#">UserControl.</a> )


































 CurrentAutoScaleDimensions	(Inherited from <a href="#">ContainerControl</a> .)
 Cursor	(Inherited from <a href="#">Control</a> .)
 DataBindings	(Inherited from <a href="#">Control</a> .)
 DefaultCursor	(Inherited from <a href="#">Control</a> .)
 DefaultImeMode	(Inherited from <a href="#">Control</a> .)
 DefaultMargin	(Inherited from <a href="#">Control</a> .)
 DefaultMaximumSize	(Inherited from <a href="#">Control</a> .)
 DefaultMinimumSize	(Inherited from <a href="#">Control</a> .)
 DefaultPadding	(Inherited from <a href="#">Control</a> .)
 DefaultSize	(Inherited from <a href="#">UserControl</a> .)
 DesignMode	(Inherited from <a href="#">Component</a> .)
 DisplayRectangle	(Inherited from <a href="#">ScrollableControl</a> .)
 Disposing	(Inherited from <a href="#">Control</a> .)
 Dock	(Inherited from <a href="#">Control</a> .)
 DoubleBuffered	(Inherited from <a href="#">Control</a> .)
 Enabled	(Inherited from <a href="#">Control</a> .)
 Events	(Inherited from <a href="#">Component</a> .)
 Focused	(Inherited from <a href="#">Control</a> .)
 Font	(Inherited from <a href="#">Control</a> .)
 FontHeight	(Inherited from <a href="#">Control</a> .)
 ForeColor	(Inherited from <a href="#">Control</a> .)
 Handle	(Inherited from <a href="#">Control</a> .)
 HasChildren	(Inherited from <a href="#">Control</a> .)
 Height	(Inherited from <a href="#">Control</a> .)
 HorizontalScroll	(Inherited from <a href="#">ScrollableControl</a> .)
 HScroll	(Inherited from <a href="#">ScrollableControl</a> .)
 ImeMode	(Inherited from <a href="#">Control</a> .)
 ImeModeBase	(Inherited from <a href="#">Control</a> .)
 InvokeRequired	(Inherited from <a href="#">Control</a> .)
 IsAccessible	(Inherited from <a href="#">Control</a> .)
 IsDisposed	(Inherited from <a href="#">Control</a> .)
 IsHandleCreated	(Inherited from <a href="#">Control</a> .)
 IsMirrored	(Inherited from <a href="#">Control</a> .)


































 LayoutEngine	(Inherited from <a href="#">Control</a> .)
 Left	(Inherited from <a href="#">Control</a> .)
 Location	(Inherited from <a href="#">Control</a> .)
 Margin	(Inherited from <a href="#">Control</a> .)
 MaximumSize	(Inherited from <a href="#">Control</a> .)
 Metadata	Gets or sets the metadata of the current instance.
 MinimumSize	(Inherited from <a href="#">Control</a> .)
 Name	(Inherited from <a href="#">Control</a> .)
 Padding	(Inherited from <a href="#">Control</a> .)
 Parent	(Inherited from <a href="#">Control</a> .)
 ParentForm	(Inherited from <a href="#">ContainerControl</a> .)
 PreferredSize	(Inherited from <a href="#">Control</a> .)
 ProductName	(Inherited from <a href="#">Control</a> .)
 ProductVersion	(Inherited from <a href="#">Control</a> .)
 RecreatingHandle	(Inherited from <a href="#">Control</a> .)
 Region	(Inherited from <a href="#">Control</a> .)
 RenderRightToLeft	(Inherited from <a href="#">Control</a> .)
 ResizeRedraw	(Inherited from <a href="#">Control</a> .)
 Right	(Inherited from <a href="#">Control</a> .)
 RightToLeft	(Inherited from <a href="#">Control</a> .)
 ScaleChildren	(Inherited from <a href="#">Control</a> .)
 ShowFocusCues	(Inherited from <a href="#">Control</a> .)
 ShowKeyboardCues	(Inherited from <a href="#">Control</a> .)
 Site	(Inherited from <a href="#">Control</a> .)
 Size	(Inherited from <a href="#">Control</a> .)
 TabIndex	(Inherited from <a href="#">Control</a> .)
 TabStop	(Inherited from <a href="#">Control</a> .)
 Tag	(Inherited from <a href="#">Control</a> .)
 Text	(Inherited from <a href="#">Control</a> .)
 TextChangedHandler	Sets the handler for the TextChanged event.
 Top	(Inherited from <a href="#">Control</a> .)
 TopLevelControl	(Inherited from <a href="#">Control</a> .)
 UseWaitCursor	(Inherited from <a href="#">Control</a> .)



























	VerticalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
	Visible	(Inherited from <a href="#">Control.</a> )
	VScroll	(Inherited from <a href="#">ScrollableControl.</a> )
	Width	(Inherited from <a href="#">Control.</a> )

#### Methods


































	Name	Description
	AccessibilityNotifyClients(AccessibleEvents, Int32)	(Inherited from <a href="#">Control.</a> )
	AccessibilityNotifyClients(AccessibleEvents, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
	AdjustFormScrollbars(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
	BeginInvoke(Delegate)	(Inherited from <a href="#">Control.</a> )
	BeginInvoke(Delegate, Object[])	(Inherited from <a href="#">Control.</a> )
	BringToFront()	(Inherited from <a href="#">Control.</a> )
	CanContinue()	Determines if the user can continue.
	Contains(Control)	(Inherited from <a href="#">Control.</a> )
	CreateAccessibilityInstance()	(Inherited from <a href="#">Control.</a> )
	CreateControl()	(Inherited from <a href="#">Control.</a> )
	CreateControlsInstance()	(Inherited from <a href="#">Control.</a> )
	CreateGraphics()	(Inherited from <a href="#">Control.</a> )
	CreateHandle()	(Inherited from <a href="#">Control.</a> )
	CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject.</a> )
	DefWndProc(Message)	(Inherited from <a href="#">Control.</a> )
	DestroyHandle()	(Inherited from <a href="#">Control.</a> )
	Dispose()	(Inherited from <a href="#">Component.</a> )
	Dispose(Boolean)	Disposes of resources associated with the current instance.( Overrides <a href="#">ContainerControl.Dispose(Boolean).</a> )
	DoDragDrop(Object, DragDropEffects)	(Inherited from <a href="#">Control.</a> )
	DrawToBitmap(Bitmap, Rectangle)	(Inherited from <a href="#">Control.</a> )
	EndInvoke(IAsyncResult)	(Inherited from <a href="#">Control.</a> )
	Equals(Object)	(Inherited from <a href="#">Object.</a> )
	Finalize()	(Inherited from <a href="#">Component.</a> )
	FindForm()	(Inherited from <a href="#">Control.</a> )
	Focus()	(Inherited from <a href="#">Control.</a> )
	GetAccessibilityObjectById(Int32)	(Inherited from <a href="#">Control.</a> )
	GetAutoSizeMode()	(Inherited from <a href="#">Control.</a> )


































 GetChildAtPoint(Point)	(Inherited from <a href="#">Control</a> .)
 GetChildAtPoint(Point, GetChildAtPointSkip)	(Inherited from <a href="#">Control</a> .)
 GetContainerControl()	(Inherited from <a href="#">Control</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetNextControl(Control, Boolean)	(Inherited from <a href="#">Control</a> .)
 GetPreferredSize(Size)	(Inherited from <a href="#">Control</a> .)
 GetScaledBounds(Rectangle, SizeF, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 GetScrollState(Int32)	(Inherited from <a href="#">ScrollableControl</a> .)
 GetService(Type)	(Inherited from <a href="#">Component</a> .)
 GetStyle(ControlStyles)	(Inherited from <a href="#">Control</a> .)
 GetTopLevel()	(Inherited from <a href="#">Control</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 Hide()	(Inherited from <a href="#">Control</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 InitLayout()	(Inherited from <a href="#">Control</a> .)
 Invalidate()	(Inherited from <a href="#">Control</a> .)
 Invalidate(Boolean)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle, Boolean)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Region)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Region, Boolean)	(Inherited from <a href="#">Control</a> .)
 Invoke(Delegate)	(Inherited from <a href="#">Control</a> .)
 Invoke(Delegate, Object[])	(Inherited from <a href="#">Control</a> .)
 InvokeGotFocus(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokeLostFocus(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokeOnClick(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokePaint(Control, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokePaintBackground(Control, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 IsInputChar(Char)	(Inherited from <a href="#">Control</a> .)
 IsInputKey(Keys)	(Inherited from <a href="#">Control</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject</a> .)

 NotifyInvalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 OnAutoSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnAutoValidateChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBackgroundImageLayoutChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnCausesValidationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnChangeUICues(UICuesEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnClientSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnContextMenuChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnContextMenuStripChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnControlAdded(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnControlRemoved(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnCreateControl()	(Inherited from <a href="#">UserControl</a> .)
 OnCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDockChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDoubleClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragDrop(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragEnter(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnDragOver(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnFontChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnGiveFeedback(GiveFeedbackEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnGotFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHandleCreated(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHandleDestroyed(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnHelpRequested(HelpEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnImeModeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)

 OnInvalidated(InvalidateEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyDown(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyPress(KeyPressEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnKeyUp(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLayout(LayoutEventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLoad(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnLocationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLostFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMarginChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseCaptureChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseClicked(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDoubleClick(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDown(MouseEventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnMouseEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseHover(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseMove(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseUp(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseWheel(MouseEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnMove(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnNotifyMessage(Message)	(Inherited from <a href="#">Control</a> .)
 OnPaddingChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnPaint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnPaintBackground(PaintEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnParentBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnParentCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentFontChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)













































	OnParentRightToLeftChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnParentVisibleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnPreviewKeyDown(PreviewKeyDownEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnPrint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnQueryContinueDrag(QueryContinueDragEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnRegionChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnResize(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
	OnRightToLeftChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	OnScroll(ScrollEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	OnSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnStyleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnSystemColorsChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTabIndexChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTabStopChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnTextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnValidated(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnValidating(CancelEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnVisibleChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
	PerformAutoScale()	(Inherited from <a href="#">ContainerControl</a> .)
	PerformLayout()	(Inherited from <a href="#">Control</a> .)
	PerformLayout(Control, String)	(Inherited from <a href="#">Control</a> .)
	PointToClient(Point)	(Inherited from <a href="#">Control</a> .)
	PointToScreen(Point)	(Inherited from <a href="#">Control</a> .)
	PreProcessControlMessage(Message)	(Inherited from <a href="#">Control</a> .)
	PreProcessMessage(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessCmdKey(Message, Keys)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessDialogChar(Char)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessDialogKey(Keys)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessKeyEventArgs(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessKeyMessage(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessKeyPreview(Message)	(Inherited from <a href="#">Control</a> .)
	ProcessMnemonic(Char)	(Inherited from <a href="#">ContainerControl</a> .)
	ProcessTabKey(Boolean)	(Inherited from <a href="#">ContainerControl</a> .)












 RaiseDragEvent(Object, DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseKeyEvent(Object, KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseMouseEvent(Object, MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaisePaintEvent(Object, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 RecreateHandle()	(Inherited from <a href="#">Control</a> .)
 RectangleToClient(Rectangle)	(Inherited from <a href="#">Control</a> .)
 RectangleToScreen(Rectangle)	(Inherited from <a href="#">Control</a> .)
 Refresh()	(Inherited from <a href="#">Control</a> .)
 ResetMouseEventArgs()	(Inherited from <a href="#">Control</a> .)
 ResetText()	(Inherited from <a href="#">Control</a> .)
 ResumeLayout()	(Inherited from <a href="#">Control</a> .)
 ResumeLayout(Boolean)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(ContentAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(HorizontalAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateAlignment(LeftRightAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateContent(ContentAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateHorizontal(HorizontalAlignment)	(Inherited from <a href="#">Control</a> .)
 RtlTranslateLeftRight(LeftRightAlignment)	(Inherited from <a href="#">Control</a> .)
 Scale(SizeF)	(Inherited from <a href="#">Control</a> .)
 ScaleControl(SizeF, BoundsSpecified)	(Inherited from <a href="#">ScrollableControl</a> .)
 ScrollControlIntoView(Control)	(Inherited from <a href="#">ScrollableControl</a> .)
 ScrollToControl(Control)	(Inherited from <a href="#">ScrollableControl</a> .)
 Select()	(Inherited from <a href="#">Control</a> .)
 Select(Boolean, Boolean)	(Inherited from <a href="#">ContainerControl</a> .)
 SelectNextControl(Control, Boolean, Boolean, Boolean, Boolean)	(Inherited from <a href="#">Control</a> .)
 SendToBack()	(Inherited from <a href="#">Control</a> .)
 SetAutoScrollMargin(Int32, Int32)	(Inherited from <a href="#">ScrollableControl</a> .)
 SetAutoSizeMode(AutoSizeMode)	(Inherited from <a href="#">Control</a> .)
 SetBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 SetBounds(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 SetBoundsCore(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 SetClientSizeCore(Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 SetDisplayRectLocation(Int32, Int32)	(Inherited from <a href="#">ScrollableControl</a> .)

 SetScrollState(Int32, Boolean)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetStyle(ControlStyles, Boolean)	(Inherited from <a href="#">Control.</a> )
 SetTopLevel(Boolean)	(Inherited from <a href="#">Control.</a> )
 SetVisibleCore(Boolean)	(Inherited from <a href="#">Control.</a> )
 Show()	(Inherited from <a href="#">Control.</a> )
 SizeFromClientSize(Size)	(Inherited from <a href="#">Control.</a> )
 SuspendLayout()	(Inherited from <a href="#">Control.</a> )
 ToString()	(Inherited from <a href="#">Component.</a> )
 Update()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateDefaultButton()	(Inherited from <a href="#">ContainerControl.</a> )
 UpdateStyles()	(Inherited from <a href="#">Control.</a> )
 UpdateZOrder()	(Inherited from <a href="#">Control.</a> )
 Validate()	(Inherited from <a href="#">ContainerControl.</a> )
 Validate(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
 ValidateChildren()	(Inherited from <a href="#">UserControl.</a> )
 ValidateChildren(ValidationConstraints)	(Inherited from <a href="#">UserControl.</a> )
 ValidateInput()	Determines if the system will validate user input.
 WndProc(Message)	(Inherited from <a href="#">UserControl.</a> )





#### Events

Name	Description
 AutoSizeChanged	(Inherited from <a href="#">UserControl.</a> )
 AutoValidateChanged	(Inherited from <a href="#">UserControl.</a> )
 BackColorChanged	(Inherited from <a href="#">Control.</a> )
 BackgroundImageChanged	(Inherited from <a href="#">Control.</a> )
 BackgroundImageLayoutChanged	(Inherited from <a href="#">Control.</a> )
 BindingContextChanged	(Inherited from <a href="#">Control.</a> )
 CausesValidationChanged	(Inherited from <a href="#">Control.</a> )
 ChangeUICues	(Inherited from <a href="#">Control.</a> )
 Click	(Inherited from <a href="#">Control.</a> )
 ClientSizeChanged	(Inherited from <a href="#">Control.</a> )
 ContextMenuChanged	(Inherited from <a href="#">Control.</a> )

 ContextMenuStripChanged	(Inherited from <a href="#">Control</a> .)
 ControlAdded	(Inherited from <a href="#">Control</a> .)
 ControlRemoved	(Inherited from <a href="#">Control</a> .)
 CursorChanged	(Inherited from <a href="#">Control</a> .)
 Disposed	(Inherited from <a href="#">Component</a> .)
 DockChanged	(Inherited from <a href="#">Control</a> .)
 DoubleClick	(Inherited from <a href="#">Control</a> .)
 DragDrop	(Inherited from <a href="#">Control</a> .)
 DragEnter	(Inherited from <a href="#">Control</a> .)
 DragLeave	(Inherited from <a href="#">Control</a> .)
 DragOver	(Inherited from <a href="#">Control</a> .)
 EnabledChanged	(Inherited from <a href="#">Control</a> .)
 Enter	(Inherited from <a href="#">Control</a> .)
 FontChanged	(Inherited from <a href="#">Control</a> .)
 ForeColorChanged	(Inherited from <a href="#">Control</a> .)
 GiveFeedback	(Inherited from <a href="#">Control</a> .)
 GotFocus	(Inherited from <a href="#">Control</a> .)
 HandleCreated	(Inherited from <a href="#">Control</a> .)
 HandleDestroyed	(Inherited from <a href="#">Control</a> .)
 HelpRequested	(Inherited from <a href="#">Control</a> .)
 ImeModeChanged	(Inherited from <a href="#">Control</a> .)
 Invalidated	(Inherited from <a href="#">Control</a> .)
 KeyDown	(Inherited from <a href="#">Control</a> .)
 KeyPress	(Inherited from <a href="#">Control</a> .)
 KeyUp	(Inherited from <a href="#">Control</a> .)
 Layout	(Inherited from <a href="#">Control</a> .)
 Leave	(Inherited from <a href="#">Control</a> .)
 Load	(Inherited from <a href="#">UserControl</a> .)
 LocationChanged	(Inherited from <a href="#">Control</a> .)
 LostFocus	(Inherited from <a href="#">Control</a> .)
 MarginChanged	(Inherited from <a href="#">Control</a> .)
 MouseCaptureChanged	(Inherited from <a href="#">Control</a> .)
 MouseClick	(Inherited from <a href="#">Control</a> .)

	MouseDownClick	(Inherited from <a href="#">Control</a> .)
	MouseDown	(Inherited from <a href="#">Control</a> .)
	MouseEnter	(Inherited from <a href="#">Control</a> .)
	MouseHover	(Inherited from <a href="#">Control</a> .)
	MouseLeave	(Inherited from <a href="#">Control</a> .)
	MouseMove	(Inherited from <a href="#">Control</a> .)
	MouseUp	(Inherited from <a href="#">Control</a> .)
	MouseWheel	(Inherited from <a href="#">Control</a> .)
	Move	(Inherited from <a href="#">Control</a> .)
	PaddingChanged	(Inherited from <a href="#">Control</a> .)
	Paint	(Inherited from <a href="#">Control</a> .)
	ParentChanged	(Inherited from <a href="#">Control</a> .)
	PreviewKeyDown	(Inherited from <a href="#">Control</a> .)
	QueryAccessibilityHelp	(Inherited from <a href="#">Control</a> .)
	QueryContinueDrag	(Inherited from <a href="#">Control</a> .)
	RegionChanged	(Inherited from <a href="#">Control</a> .)
	Resize	(Inherited from <a href="#">Control</a> .)
	RightToLeftChanged	(Inherited from <a href="#">Control</a> .)
	Scroll	(Inherited from <a href="#">ScrollableControl</a> .)
	SizeChanged	(Inherited from <a href="#">Control</a> .)
	StyleChanged	(Inherited from <a href="#">Control</a> .)
	SystemColorsChanged	(Inherited from <a href="#">Control</a> .)
	TabIndexChanged	(Inherited from <a href="#">Control</a> .)
	TabStopChanged	(Inherited from <a href="#">Control</a> .)
	TextChanged	(Inherited from <a href="#">Control</a> .)
	Validated	(Inherited from <a href="#">Control</a> .)
	Validating	(Inherited from <a href="#">Control</a> .)
	VisibleChanged	(Inherited from <a href="#">Control</a> .)

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">IContainerControl</a> . <a href="#">ActivateControl</a> ( <a href="#">Control</a> )	(Inherited from <a href="#">ContainerControl</a> .)
	<a href="#">IDropTarget</a> . <a href="#">OnDragDrop</a> ( <a href="#">DragEventArgs</a> )	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget</a> . <a href="#">OnDragEnter</a> ( <a href="#">DragEventArgs</a> )	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget</a> . <a href="#">OnDragLeave</a> ( <a href="#">EventArgs</a> )	(Inherited from <a href="#">Control</a> .)

	<a href="#">IDropTarget.OnDragOver(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)
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Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# HostFileMetadataControl Members

Provides access to the host file Metadata control.






The following tables list the members exposed by the [HostFileMetadataControl](#) type.

Public Constructors

Name	Description
<a href="#">HostFileMetadataControl</a>	Creates a new instance of the <a href="#">HostFileMetadataControl</a> class.

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Protected Fields

	Name	Description
	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )











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Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )


























	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Enabled</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focused</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Font</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Handle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HasChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Height</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HorizontalScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeRequired</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsAccessible</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsDisposed</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsHandleCreated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsMirrored</a>	(inherited from <a href="#">Control</a> )
	<a href="#">LayoutEngine</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Left</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Location</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Margin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Metadata</a>	Gets or sets the metadata of the current instance.
	<a href="#">MinimumSize</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ModifierKeys</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MouseButtons</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MousePosition</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Padding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Parent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentForm</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductVersion</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreatingHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Region</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Right</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Size</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndex</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStop</a>	(inherited from <a href="#">Control</a> )



	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">UserControl</a> )
	TextChangedHandler	Sets the handler for the TextChanged event.
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )















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#### Protected Properties

	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )
	CreateParams	(inherited from <a href="#">UserControl</a> )
	DefaultCursor	(inherited from <a href="#">Control</a> )
	DefaultImeMode	(inherited from <a href="#">Control</a> )
	DefaultMargin	(inherited from <a href="#">Control</a> )
	DefaultMaximumSize	(inherited from <a href="#">Control</a> )
	DefaultMinimumSize	(inherited from <a href="#">Control</a> )
	DefaultPadding	(inherited from <a href="#">Control</a> )
	DefaultSize	(inherited from <a href="#">UserControl</a> )
	DesignMode	(inherited from <a href="#">Component</a> )
	DoubleBuffered	(inherited from <a href="#">Control</a> )
	Events	(inherited from <a href="#">Component</a> )
	FontHeight	(inherited from <a href="#">Control</a> )
	HScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeModeBase	(inherited from <a href="#">Control</a> )
	 PropagatingImeMode	(inherited from <a href="#">Control</a> )
	RenderRightToLeft	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	ResizeRedraw	(inherited from <a href="#">Control</a> )
	ScaleChildren	(inherited from <a href="#">Control</a> )
	ShowFocusCues	(inherited from <a href="#">Control</a> )
	ShowKeyboardCues	(inherited from <a href="#">Control</a> )
	VScroll	(inherited from <a href="#">ScrollableControl</a> )

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#### Public Methods (see also [Protected Methods](#))

















































	Name	Description
	BeginInvoke	Overloaded. (inherited from <a href="#">Control</a> )
	BringToFront	(inherited from <a href="#">Control</a> )
	CanContinue	Determines if the user can continue.
	Contains	(inherited from <a href="#">Control</a> )
	CreateControl	(inherited from <a href="#">Control</a> )
	CreateGraphics	(inherited from <a href="#">Control</a> )
	CreateObjRef	(inherited from <a href="#">MarshalByRefObject</a> )
	Dispose	Overloaded.
	DoDragDrop	(inherited from <a href="#">Control</a> )
	DrawToBitmap	(inherited from <a href="#">Control</a> )
	EndInvoke	(inherited from <a href="#">Control</a> )
	Equals	Overloaded. (inherited from <a href="#">Object</a> )
	FindForm	(inherited from <a href="#">Control</a> )
	Focus	(inherited from <a href="#">Control</a> )


















































 	<a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
 	<a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Show</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">UserControl</a> )
	<a href="#">ValidateInput</a>	Determines if the system will validate user input.




























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#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )

















	CreateControlsInstance	(inherited from <a href="#">Control</a> )
	CreateHandle	(inherited from <a href="#">Control</a> )
	DefWndProc	(inherited from <a href="#">Control</a> )
	DestroyHandle	(inherited from <a href="#">Control</a> )
	Dispose	Overloaded. Overridden.
	Finalize	(inherited from <a href="#">Component</a> )
	GetAccessibilityObjectById	(inherited from <a href="#">Control</a> )
	GetAutoSizeMode	(inherited from <a href="#">Control</a> )
	GetScaledBounds	(inherited from <a href="#">Control</a> )
	GetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	GetService	(inherited from <a href="#">Component</a> )
	GetStyle	(inherited from <a href="#">Control</a> )
	GetTopLevel	(inherited from <a href="#">Control</a> )
	InitLayout	(inherited from <a href="#">Control</a> )
	InvokeGotFocus	(inherited from <a href="#">Control</a> )
	InvokeLostFocus	(inherited from <a href="#">Control</a> )
	InvokeOnClick	(inherited from <a href="#">Control</a> )
	InvokePaint	(inherited from <a href="#">Control</a> )
	InvokePaintBackground	(inherited from <a href="#">Control</a> )
	IsInputChar	(inherited from <a href="#">Control</a> )
	IsInputKey	(inherited from <a href="#">Control</a> )
	MemberwiseClone	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	NotifyInvalidade	(inherited from <a href="#">Control</a> )
	OnAutoSizeChanged	(inherited from <a href="#">Control</a> )
	OnAutoValidateChanged	(inherited from <a href="#">ContainerControl</a> )
	OnBackColorChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageLayoutChanged	(inherited from <a href="#">Control</a> )
	OnBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnCausesValidationChanged	(inherited from <a href="#">Control</a> )
	OnChangeUICues	(inherited from <a href="#">Control</a> )
	OnClick	(inherited from <a href="#">Control</a> )
	OnClientSizeChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuStripChanged	(inherited from <a href="#">Control</a> )
	OnControlAdded	(inherited from <a href="#">Control</a> )
	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">UserControl</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )

	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">UserControl</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Control</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Control</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">ScrollableControl</a> )
	ProcessCmdKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogChar	(inherited from <a href="#">ContainerControl</a> )



	<a href="#">ProcessDialogKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessKeyEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyPreview</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessMnemonic</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessTabKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">RaiseDragEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseKeyEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseMouseEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaisePaintEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreateHandle</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ReflectMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetMouseEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateContent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateHorizontal</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateLeftRight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScaleCore</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollToControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetBoundsCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetClientSizeCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetDisplayRectLocation</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetVisibleCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SizeFromClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">UpdateDefaultButton</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">UpdateStyles</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateZOrder</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WndProc</a>	(inherited from <a href="#">UserControl</a> )

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#### Public Events

	<b>Name</b>	<b>Description</b>
	<a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Click</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

⚡ DockChanged	(inherited from <a href="#">Control</a> )
⚡ DoubleClick	(inherited from <a href="#">Control</a> )
⚡ DragDrop	(inherited from <a href="#">Control</a> )
⚡ DragEnter	(inherited from <a href="#">Control</a> )
⚡ DragLeave	(inherited from <a href="#">Control</a> )
⚡ DragOver	(inherited from <a href="#">Control</a> )
⚡ EnabledChanged	(inherited from <a href="#">Control</a> )
⚡ Enter	(inherited from <a href="#">Control</a> )
⚡ FontChanged	(inherited from <a href="#">Control</a> )
⚡ ForeColorChanged	(inherited from <a href="#">Control</a> )
⚡ GiveFeedback	(inherited from <a href="#">Control</a> )
⚡ GotFocus	(inherited from <a href="#">Control</a> )
⚡ HandleCreated	(inherited from <a href="#">Control</a> )
⚡ HandleDestroyed	(inherited from <a href="#">Control</a> )
⚡ HelpRequested	(inherited from <a href="#">Control</a> )
⚡ ImeModeChanged	(inherited from <a href="#">Control</a> )
⚡ Invalidated	(inherited from <a href="#">Control</a> )
⚡ KeyDown	(inherited from <a href="#">Control</a> )
⚡ KeyPress	(inherited from <a href="#">Control</a> )
⚡ KeyUp	(inherited from <a href="#">Control</a> )
⚡ Layout	(inherited from <a href="#">Control</a> )
⚡ Leave	(inherited from <a href="#">Control</a> )
⚡ Load	(inherited from <a href="#">UserControl</a> )
⚡ LocationChanged	(inherited from <a href="#">Control</a> )
⚡ LostFocus	(inherited from <a href="#">Control</a> )
⚡ MarginChanged	(inherited from <a href="#">Control</a> )
⚡ MouseCaptureChanged	(inherited from <a href="#">Control</a> )
⚡ MouseClick	(inherited from <a href="#">Control</a> )
⚡ MouseDoubleClick	(inherited from <a href="#">Control</a> )
⚡MouseDown	(inherited from <a href="#">Control</a> )
⚡ MouseEnter	(inherited from <a href="#">Control</a> )
⚡ MouseHover	(inherited from <a href="#">Control</a> )
⚡ MouseLeave	(inherited from <a href="#">Control</a> )
⚡MouseMove	(inherited from <a href="#">Control</a> )
⚡ MouseUp	(inherited from <a href="#">Control</a> )
⚡ MouseWheel	(inherited from <a href="#">Control</a> )
⚡ Move	(inherited from <a href="#">Control</a> )
⚡ PaddingChanged	(inherited from <a href="#">Control</a> )
⚡ Paint	(inherited from <a href="#">Control</a> )
⚡ ParentChanged	(inherited from <a href="#">Control</a> )
⚡ PreviewKeyDown	(inherited from <a href="#">Control</a> )
⚡ QueryAccessibilityHelp	(inherited from <a href="#">Control</a> )
⚡ QueryContinueDrag	(inherited from <a href="#">Control</a> )
⚡ RegionChanged	(inherited from <a href="#">Control</a> )
⚡ Resize	(inherited from <a href="#">Control</a> )
⚡ RightToLeftChanged	(inherited from <a href="#">Control</a> )
⚡ Scroll	(inherited from <a href="#">ScrollableControl</a> )
⚡ SizeChanged	(inherited from <a href="#">Control</a> )
⚡ StyleChanged	(inherited from <a href="#">Control</a> )
⚡ SystemColorsChanged	(inherited from <a href="#">Control</a> )
⚡ TabIndexChanged	(inherited from <a href="#">Control</a> )
⚡ TabStopChanged	(inherited from <a href="#">Control</a> )
⚡ TextChanged	(inherited from <a href="#">UserControl</a> )
⚡ Validated	(inherited from <a href="#">Control</a> )

 <a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
 <a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

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Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

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See Also











Reference

[HostFileMetadataControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl Fields

Protected Fields

	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

Reference

- [HostFileMetadataControl Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# HostFileMetadataControl Constructor

Creates a new instance of the [HostFileMetadataControl](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileMetadataControl ()
```

C++

```
public:  
HostFileMetadataControl ()
```

J#

```
public HostFileMetadataControl ()
```

JScript

```
public function HostFileMetadataControl ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**



















































[HostFileMetadataControl Class](#)














[HostFileMetadataControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

























# HostFileMetadataControl Methods




















































Public Methods (see also [Protected Methods](#))



















































	Name	Description
	<a href="#">BeginInvoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">BringToFront</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanContinue</a>	Determines if the user can continue.
	<a href="#">Contains</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateGraphics</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">DoDragDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DrawToBitmap</a>	(inherited from <a href="#">Control</a> )
	<a href="#">EndInvoke</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FindForm</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focus</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	 <a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )

	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Show</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">UserControl</a> )
	<a href="#">ValidateInput</a>	Determines if the system will validate user input.

#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetAccessibilityObjectById</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScaledBounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeGotFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeLostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeOnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaintBackground</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputChar</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputKey</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">NotifyInvalidated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoValidateChanged</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">OnBackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlAdded</a>	(inherited from <a href="#">Control</a> )

	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">UserControl</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )

	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">UserControl</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Control</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Control</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">ScrollableControl</a> )
	ProcessCmdKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogChar	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessKeyEventArgs	(inherited from <a href="#">Control</a> )
	ProcessKeyMessage	(inherited from <a href="#">Control</a> )
	ProcessKeyPreview	(inherited from <a href="#">Control</a> )
	ProcessMnemonic	(inherited from <a href="#">ContainerControl</a> )
	ProcessTabKey	(inherited from <a href="#">ContainerControl</a> )
	RaiseDragEvent	(inherited from <a href="#">Control</a> )
	RaiseKeyEvent	(inherited from <a href="#">Control</a> )
	RaiseMouseEvent	(inherited from <a href="#">Control</a> )
	RaisePaintEvent	(inherited from <a href="#">Control</a> )
	RecreateHandle	(inherited from <a href="#">Control</a> )
 	ReflectMessage	(inherited from <a href="#">Control</a> )
	ResetMouseEventArgs	(inherited from <a href="#">Control</a> )
	RtlTranslateAlignment	Overloaded. (inherited from <a href="#">Control</a> )
	RtlTranslateContent	(inherited from <a href="#">Control</a> )
	RtlTranslateHorizontal	(inherited from <a href="#">Control</a> )
	RtlTranslateLeftRight	(inherited from <a href="#">Control</a> )
	ScaleControl	(inherited from <a href="#">ScrollableControl</a> )
	ScaleCore	(inherited from <a href="#">ScrollableControl</a> )
	ScrollToControl	(inherited from <a href="#">ScrollableControl</a> )
	Select	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	SetAutoSizeMode	(inherited from <a href="#">Control</a> )
	SetBoundsCore	(inherited from <a href="#">Control</a> )
	SetClientSizeCore	(inherited from <a href="#">Control</a> )
	SetDisplayRectLocation	(inherited from <a href="#">ScrollableControl</a> )
	SetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	SetStyle	(inherited from <a href="#">Control</a> )
	SetTopLevel	(inherited from <a href="#">Control</a> )
	SetVisibleCore	(inherited from <a href="#">Control</a> )
	SizeFromClientSize	(inherited from <a href="#">Control</a> )
	UpdateBounds	Overloaded. (inherited from <a href="#">Control</a> )
	UpdateDefaultButton	(inherited from <a href="#">ContainerControl</a> )
	UpdateStyles	(inherited from <a href="#">Control</a> )
	UpdateZOrder	(inherited from <a href="#">Control</a> )
	WndProc	(inherited from <a href="#">UserControl</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

See Also

**Reference**

[HostFileMetadataControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl.CanContinue Method

Determines if the user can continue.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CanContinue As Boolean
```

C#

```
public bool CanContinue ()
```

C++

```
public:  
bool CanContinue ()
```

J#

```
public boolean CanContinue ()
```

JScript

```
public function CanContinue () : boolean
```

## Return Value

**true** if the user can continue; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileMetadataControl Class](#)



[HostFileMetadataControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl.Dispose Method

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

	Name	Description
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	Disposes of resources associated with the current instance.(Overrides <a href="#">ContainerControl.Dispose(Boolean)</a> .)

See Also  
[HostFileMetadataControl Class](#)  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)  
**HostFileMetadataControl.Dispose Method (Boolean)**  
Disposes of resources associated with the current instance.

## Syntax

C#

```
protected override void Dispose(  
    bool disposing  
)
```

C++

```
protected:  
virtual void Dispose(  
    bool disposing  
) override
```

F#

```
override Dispose :  
    disposing:bool -> unit
```

VB

```
Protected Overrides Sub Dispose (  
    disposing As Boolean  
)
```

**Parameters**  
*disposing*  
Type: [System.Boolean](#)  
**true** to release both managed and unmanaged resources; **false** to release only unmanaged resources.

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# HostFileMetadataControl.Dispose Method (Boolean)

Disposes of resources associated with the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Dispose ( _
    disposing As Boolean _
)
```

C#

```
protected override void Dispose (
    bool disposing
)
```

C++

```
protected:
virtual void Dispose (
    bool disposing
) override
```

J#

```
protected void Dispose (
    boolean disposing
)
```

JScript

```
protected override function Dispose (
    disposing : boolean
)
```

## Parameters

disposing

**true** to release both managed and unmanaged resources; **false** to release only unmanaged resources.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileMetadataControl Class](#)

[HostFileMetadataControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl.ValidateInput Method

Determines if the system will validate user input.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function ValidateInput As Boolean
```

C#

```
public bool ValidateInput ()
```

C++

```
public:  
bool ValidateInput ()
```

J#

```
public boolean ValidateInput ()
```

JScript

```
public function ValidateInput () : boolean
```

## Return Value

**True** if the system validates user input; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference







































[HostFileMetadataControl Class](#)

[HostFileMetadataControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)




# HostFileMetadataControl Properties























Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )

	Enabled	(inherited from <a href="#">Control</a> )
	Focused	(inherited from <a href="#">Control</a> )
	Font	(inherited from <a href="#">Control</a> )
	ForeColor	(inherited from <a href="#">Control</a> )
	Handle	(inherited from <a href="#">Control</a> )
	HasChildren	(inherited from <a href="#">Control</a> )
	Height	(inherited from <a href="#">Control</a> )
	HorizontalScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeMode	(inherited from <a href="#">Control</a> )
	InvokeRequired	(inherited from <a href="#">Control</a> )
	IsAccessible	(inherited from <a href="#">Control</a> )
	IsDisposed	(inherited from <a href="#">Control</a> )
	IsHandleCreated	(inherited from <a href="#">Control</a> )
	IsMirrored	(inherited from <a href="#">Control</a> )
	LayoutEngine	(inherited from <a href="#">Control</a> )
	Left	(inherited from <a href="#">Control</a> )
	Location	(inherited from <a href="#">Control</a> )
	Margin	(inherited from <a href="#">Control</a> )
	MaximumSize	(inherited from <a href="#">Control</a> )
	Metadata	Gets or sets the metadata of the current instance.
	MinimumSize	(inherited from <a href="#">Control</a> )
	 ModifierKeys	(inherited from <a href="#">Control</a> )
	 MouseButtons	(inherited from <a href="#">Control</a> )
	 MousePosition	(inherited from <a href="#">Control</a> )
	Name	(inherited from <a href="#">Control</a> )
	Padding	(inherited from <a href="#">Control</a> )
	Parent	(inherited from <a href="#">Control</a> )
	ParentForm	(inherited from <a href="#">ContainerControl</a> )
	PreferredSize	(inherited from <a href="#">Control</a> )
	ProductName	(inherited from <a href="#">Control</a> )
	ProductVersion	(inherited from <a href="#">Control</a> )
	RecreatingHandle	(inherited from <a href="#">Control</a> )
	Region	(inherited from <a href="#">Control</a> )
	Right	(inherited from <a href="#">Control</a> )
	RightToLeft	(inherited from <a href="#">Control</a> )
	Site	(inherited from <a href="#">Control</a> )
	Size	(inherited from <a href="#">Control</a> )
	TabIndex	(inherited from <a href="#">Control</a> )
	TabStop	(inherited from <a href="#">Control</a> )
	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">UserControl</a> )
	TextChangedHandler	Sets the handler for the TextChanged event.
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )

#### Protected Properties

	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )

	<a href="#">CreateParams</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">DefaultCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMargin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMinimumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultPadding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DoubleBuffered</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FontHeight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeModeBase</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">PropagatingImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RenderRightToLeft</a>	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	<a href="#">ResizeRedraw</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowFocusCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowKeyboardCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VScroll</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

#### Reference

[HostFileMetadataControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl.Metadata Property

Gets or sets the metadata of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Metadata As String
```

C#

```
public string Metadata { get; set; }
```

C++

```
public:
property String^ Metadata {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Metadata ()

/** @property */
public void set_Metadata (String value)
```

JScript

```
public function get Metadata () : String

public function set Metadata (value : String)
```

## Property Value

The metadata of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileMetadataControl Class](#)

[HostFileMetadataControl Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl.TextChangedHandler Property

Sets the handler for the TextChanged event.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public WriteOnly Property TextChangedHandler As EventHandler
```

C#

```
public EventHandler TextChangedHandler { set; }
```

C++

```
public:  
property EventHandler^ TextChangedHandler {  
    void set (EventHandler^ value);  
}
```

J#

```
/** @property */  
public void set_TextChangedHandler (EventHandler value)
```

JScript

```
public function set TextChangedHandler (value : EventHandler)
```

## Property Value

The event handler for the TextChanged event.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














































[HostFileMetadataControl Class](#)

[HostFileMetadataControl Members](#)


















[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# HostFileMetadataControl Events

## Public Events

Name	Description
 <a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Click</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DockChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DoubleClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragDrop</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragEnter</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragLeave</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragOver</a>	(inherited from <a href="#">Control</a> )
 <a href="#">EnabledChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Enter</a>	(inherited from <a href="#">Control</a> )
 <a href="#">FontChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ForeColorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">GiveFeedback</a>	(inherited from <a href="#">Control</a> )
 <a href="#">GotFocus</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HandleCreated</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HandleDestroyed</a>	(inherited from <a href="#">Control</a> )
 <a href="#">HelpRequested</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ImeModeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Invalidated</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyDown</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyPress</a>	(inherited from <a href="#">Control</a> )
 <a href="#">KeyUp</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Layout</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Leave</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Load</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">LocationChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">LostFocus</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MarginChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseCaptureChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseDoubleClick</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseHover</a>	(inherited from <a href="#">Control</a> )
<a href="#">MouseLeave</a>	(inherited from <a href="#">Control</a> )



	<a href="#">MouseMove</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseUp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseWheel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Move</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PaddingChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Paint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreviewKeyDown</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryAccessibilityHelp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RegionChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Resize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeftChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Scroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">StyleChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndexChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStopChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TextChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Validated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

See Also

#### Reference

[HostFileMetadataControl Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString Class

Represents a generic connection string.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.IConnectionString**

[Microsoft.HostIntegration.DataAccessLibrary.BasicConnectionString](#)

[Microsoft.HostIntegration.DataAccessLibrary.OleDbConnectionString](#)

Syntax

C#

```
[SerializableAttribute]
public abstract class IConnectionString
```

C++

```
[SerializableAttribute]
public ref class IConnectionString abstract
```













F#


































```
[<AbstractClass>]
[<SerializableAttribute>]
type IConnectionString = class end
```

VB

```
<SerializableAttribute>
Public MustInherit Class IConnectionString
```















Properties






	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.
	<a href="#">Authentication</a>	Gets or sets the authentication.
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage.
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used.
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN.
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting.
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name.

	ClientUserID	Gets or sets the client user identification.
	ClientWorkstationName	Gets or sets the client workstation name.
	Comment	Gets or sets the additional information about the connection string.
	ConnectionPooling	Gets or sets a value that determines if connection pooling is active.
	ConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
	DatabaseName	Gets or sets the database name.
	DataSourceName	Gets or sets the name of the data source.
	DateModified	Get or sets the date and time the connection string was modified.
	DateTimeAsChar	Gets or sets a value that indicates whether date time is interpreted as a character.
	DateTimeAsDate	Gets or sets a value that indicates whether the date time is interpreted as date.
	DBMSPlatform	Gets or sets the type of database to which the connection string connects.
	DecimalAsNumeric	
	DefaultLibrary	Gets or sets the default library for the connection string.
	DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.
	DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information.
	DeferPrepare	Gets or sets a value that indicates whether to defer preparation.
	DeriveParameters	Gets or sets a value that determines if you can derive parameters.
	EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined.
	ExtendedProperties	Gets or sets the extended properties.
 S	Format	Gets the format for the string.
	HcdFileName	Gets or sets the host column description file name.
	HostCCSID	Gets or sets the character code set identifier (CCSID) for the host.
	HostName	Gets the name of the host.
	InitialCatalog	Gets or sets the initial catalog name.
	IntegratedSecurity	Gets or sets the integrated security.
	LoadBalancing	
	LocalFolder	Gets or sets the local folder.
	LocalLU	Gets or sets the local logical unit (LU) name.
	Location	Gets or sets the location.
	MaxPoolSize	Gets or sets the maximum pool size.
	MetadataAssembly	Gets or sets the metadata assembly.
	Name	Gets or sets the name of the connection string.
	NetworkAddress	Gets or sets the IP network address.




	NetworkLibrary	Gets or sets the type of network over which the connection transmits.
	NetworkPort	Gets or sets the network port ID.
	NewPassword	Gets or sets the new password.
	PackageCollection	Gets or sets the name of the target collection.
	Password	Gets or sets the user password.
	PCCodepage	Gets or sets the client PC code page.
	ReadOnly	Gets or sets a value that determines if the connection string is read-only.
	RemoteLU	Gets or sets the remote logical unit (LU).
	RepairHostKeys	Gets or sets a value that determines if the host keys should be repaired.
	RowsetCacheSize	Gets or sets the rowset cache size.
	SecurityPrinciple	Gets or set the security principle.
	ShadowCatalog	
	StrictValidation	Gets or sets a value that determines if strict validation is enabled.
	UnitsOfWork	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.
	UseKerberos	Gets or sets a value that indicates whether a Kerberos is used.
	UserName	Gets or sets the name of the user.
	UseSingleSignOn	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).

#### Methods

	Name	Description
	Clone()	Creates a deep copy of the current instance.
	CopyFrom(IConnectionString)	Copies the connection string from the specified object.
	Delete(Boolean)	Deletes the current instance.
	Equals(Object)	(Inherited from <a href="#">Object</a> .)
	Exists()	Determines if the current instance is abstract or actually represents a connection string.
	Finalize()	(Inherited from <a href="#">Object</a> .)
	GetHashCode()	(Inherited from <a href="#">Object</a> .)
	GetString()	Retrieves the connection string.
	GetType()	(Inherited from <a href="#">Object</a> .)
	InternalDelete()	Indicates a value whether the connection string is deleted.
	InternalRename(String)	Renames the connection string.
	IsKerberos(String, String)	Indicates a value whether the Kerberos is used.
	IsSSO(String, String)	Returns a value that determines if the specified user name and password uses Single Sign-On (SSO).
	Load()	Retrieves the current instance.

	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Rename(String)</a>	Renames the connection string.
	<a href="#">Save()</a>	Saves the connection string.
	<a href="#">SetString(String)</a>	Sets the connection string.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Fields

	<b>Name</b>	<b>Description</b>
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT.
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH.
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)




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# IConnectionString Members

Represents a generic connection string.






The following tables list the members exposed by the [IConnectionString](#) type.


## Public Fields

	Name	Description
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT.
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH.
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE.

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## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.
	<a href="#">Authentication</a>	Gets or sets the authentication.
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string.
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage.
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used.
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN.
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting.
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name.
	<a href="#">ClientUserID</a>	Gets or sets the client user identification.
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name.
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string.
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active.
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
	<a href="#">DatabaseName</a>	Gets or sets the database name.
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source.
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified.
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character.
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date.
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects.
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string.
	<a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.
	<a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information.
	<a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation.
	<a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters.
	<a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined.
	<a href="#">ExtendedProperties</a>	Gets or sets the extended properties.
	<a href="#">Format</a>	Gets the format for the string.
	<a href="#">HcdFileName</a>	Gets or sets the host column description file name.
	<a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host.
	<a href="#">HostName</a>	Gets the name of the host.
	<a href="#">InitialCatalog</a>	Gets or sets the initial catalog name.

	<a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
	<a href="#">LocalFolder</a>	Gets or sets the local folder.
	<a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name.
	<a href="#">Location</a>	Gets or sets the location.
	<a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size.
	<a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly.
	<a href="#">Name</a>	Gets or sets the name of the connection string.
	<a href="#">NetworkAddress</a>	Gets or sets the IP network address.
	<a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits.
	<a href="#">NetworkPort</a>	Gets or sets the network port ID.
	<a href="#">NewPassword</a>	Gets or sets the new password.
	<a href="#">PackageCollection</a>	Gets or sets the name of the target collection.
	<a href="#">Password</a>	Gets or sets the user password.
	<a href="#">PCCodepage</a>	Gets or sets the client PC code page.
	<a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only.
	<a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU).
	<a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired.
	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle.
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled.
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used.
	<a href="#">UserName</a>	Gets or sets the name of the user.
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).





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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	Copies the connection string from the specified object.
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">IsKerberos</a>	Indicates a value whether the Kerberos is used.
	 <a href="#">IsSSO</a>	Returns a value that determines if the specified user name and password uses Single Sign-On (SSO).
	<a href="#">Load</a>	Retrieves the current instance.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Renames the connection string.
	<a href="#">Save</a>	Saves the connection string.
	<a href="#">SetString</a>	Sets the connection string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted.
	<a href="#">InternalRename</a>	Renames the connection string.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

**Reference**







[IConnectionString Class](#)





# IConnectionString Fields

Public Fields

	Name	Description
 	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT.
 	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH.
 	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE.

See Also

Reference

[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.CONNECT\_TIMEOUT Field

The CONNECT\_TIMEOUT.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const int CONNECT_TIMEOUT
```

C++

```
public:  
literal int CONNECT_TIMEOUT
```

F#

```
static val mutable CONNECT_TIMEOUT : int
```

VB

```
Public Const CONNECT_TIMEOUT As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# IConnectionString.MAX\_DATABASENAME\_LENGTH Field

The MAX\_DATABASENAME\_LENGTH.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const int MAX_DATABASENAME_LENGTH
```

C++

```
public:  
literal int MAX_DATABASENAME_LENGTH
```

F#

```
static val mutable MAX_DATABASENAME_LENGTH : int
```

VB

```
Public Const MAX_DATABASENAME_LENGTH As Integer
```

**Field Value**

Type: [System.Int32](#)

See Also

[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# IConnectionString.MAX\_POOL\_SIZE Field

The MAX\_POOL\_SIZE.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const int MAX_POOL_SIZE
```

C++

```
public:  
literal int MAX_POOL_SIZE
```

F#

```
static val mutable MAX_POOL_SIZE : int
```

VB

```
Public Const MAX_POOL_SIZE As Integer
```

**Field Value**

Type: [System.Int32](#)

See Also




















[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)








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# IConnectionString Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Creates a deep copy of the current instance.
	<a href="#">CopyFrom</a>	Copies the connection string from the specified object.
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Determines if the current instance is abstract or actually represents a connection string.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Retrieves the connection string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">IsKerberos</a>	Indicates a value whether the Kerberos is used.
 	<a href="#">IsSSO</a>	Returns a value that determines if the specified user name and password uses Single Sign-On (SSO).
	<a href="#">Load</a>	Retrieves the current instance.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Renames the connection string.
	<a href="#">Save</a>	Saves the connection string.
	<a href="#">SetString</a>	Sets the connection string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted.
 	<a href="#">InternalRename</a>	Renames the connection string.
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Clone Method

Creates a deep copy of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public MustOverride Function Clone As IConnectionString
```

C#

```
public abstract IConnectionString Clone ()
```

C++

```
public:  
virtual IConnectionString^ Clone () abstract
```

J#

```
public abstract IConnectionString Clone ()
```

JScript

```
public abstract function Clone () : IConnectionString
```

## Return Value

A deep copy of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.CopyFrom Method

Copies the connection string from the specified object.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub CopyFrom ( _
    rhs As IConnectionString _
)
```

C#

```
public void CopyFrom (
    IConnectionString rhs
)
```

C++

```
public:
void CopyFrom (
    IConnectionString^ rhs
)
```

J#

```
public void CopyFrom (
    IConnectionString rhs
)
```

JScript

```
public function CopyFrom (
    rhs : IConnectionString
)
```

## Parameters

rhs

The object to copy the connection string from.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Delete Method

Deletes the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Delete ( _
    force As Boolean _
) As Boolean
```

C#

```
public bool Delete (
    bool force
)
```

C++

```
public:
bool Delete (
    bool force
)
```

J#

```
public boolean Delete (
    boolean force
)
```

JScript

```
public function Delete (
    force : boolean
) : boolean
```

## Parameters

force

**true** to force the deletion; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.Exists Method

Determines if the current instance is abstract or actually represents a connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function Exists As Boolean
```

C#

```
public abstract bool Exists ()
```

C++

```
public:
virtual bool Exists () abstract
```

J#

```
public abstract boolean Exists ()
```

JScript

```
public abstract function Exists () : boolean
```

## Return Value

**True** if the current instance is abstract or actually represents a connection string; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.GetString Method

Retrieves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public MustOverride Function GetString As String
```

C#

```
public abstract string GetString ()
```

C++

```
public:  
virtual String^ GetString () abstract
```

J#

```
public abstract String GetString ()
```

JScript

```
public abstract function GetString () : String
```

## Return Value

The connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.InternalDelete Method

Indicates a value whether the connection string is deleted.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Protected MustOverride Function InternalDelete As Boolean
```

C#

```
protected abstract bool InternalDelete ()
```

C++

```
protected:  
virtual bool InternalDelete () abstract
```

J#

```
protected abstract boolean InternalDelete ()
```

JScript

```
protected abstract function InternalDelete () : boolean
```

## Return Value

**True** if the connection string is deleted; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.InternalRename Method

Renames the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected MustOverride Sub InternalRename ( _
    destIdentifier As String _
)
```

C#

```
protected abstract void InternalRename (
    string destIdentifier
)
```

C++

```
protected:
virtual void InternalRename (
    String^ destIdentifier
) abstract
```

J#

```
protected abstract void InternalRename (
    String destIdentifier
)
```

JScript

```
protected abstract function InternalRename (
    destIdentifier : String
)
```

## Parameters

destIdentifier

The new connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.IsKerberos Method

Indicates a value whether the Kerberos is used.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsKerberos ( _
    userName As String, _
    password As String _
) As Boolean
```

C#

```
public static bool IsKerberos (
    string userName,
    string password
)
```

C++

```
public:
static bool IsKerberos (
    String^ userName,
    String^ password
)
```

J#

```
public static boolean IsKerberos (
    String userName,
    String password
)
```

JScript

```
public static function IsKerberos (
    userName : String,
    password : String
) : boolean
```

## Parameters

userName

The user name.

password

The password.

## Return Value

True if the Kerberos is used; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.IsSSO Method

Returns a value that determines if the specified user name and password uses Single Sign-On (SSO).

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function IsSSO ( _
    userName As String, _
    password As String _
) As Boolean
```

C#

```
public static bool IsSSO (
    string userName,
    string password
)
```

C++

```
public:
static bool IsSSO (
    String^ userName,
    String^ password
)
```

J#

```
public static boolean IsSSO (
    String userName,
    String password
)
```

JScript

```
public static function IsSSO (
    userName : String,
    password : String
) : boolean
```

## Parameters

userName

The user name to check.

password

The password to check.

## Return Value

**true** if the user name and password are set up for single sign on; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.Load Method

Retrieves the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Sub Load
```

C#

```
public abstract void Load ()
```

C++

```
public:
virtual void Load () abstract
```

J#

```
public abstract void Load ()
```

JScript

```
public abstract function Load ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Rename Method

Renames the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Rename ( _
    destIdentifier As String _
)
```

C#

```
public void Rename (
    string destIdentifier
)
```

C++

```
public:
void Rename (
    String^ destIdentifier
)
```

J#

```
public void Rename (
    String destIdentifier
)
```

JScript

```
public function Rename (
    destIdentifier : String
)
```

## Parameters

destIdentifier

Value to rename the connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Save Method

Saves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public MustOverride Sub Save
```

C#

```
public abstract void Save ()
```

C++

```
public:  
virtual void Save () abstract
```

J#

```
public abstract void Save ()
```

JScript

```
public abstract function Save ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.SetString Method

Sets the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Sub SetString ( _
    value As String _
)
```

C#

```
public abstract void SetString (
    string value
)
```

C++

```
public:
virtual void SetString (
    String^ value
) abstract
```

J#

```
public abstract void SetString (
    String value
)
```

JScript

```
public abstract function SetString (
    value : String
)
```

## Parameters

value

The value to set the string to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)
















[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString Properties

## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.
	<a href="#">Authentication</a>	Gets or sets the authentication.
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string.
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage.
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used.
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN.
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting.
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name.
	<a href="#">ClientUserID</a>	Gets or sets the client user identification.
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name.
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string.
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active.
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
	<a href="#">DatabaseName</a>	Gets or sets the database name.
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source.
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified.
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character.
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date.
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects.
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string.
	<a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.
	<a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information.
	<a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation.
	<a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters.
	<a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined.
	<a href="#">ExtendedProperties</a>	Gets or sets the extended properties.
	<a href="#">Format</a>	Gets the format for the string.
	<a href="#">HcdFileName</a>	Gets or sets the host column description file name.
	<a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host.
	<a href="#">HostName</a>	Gets the name of the host.
	<a href="#">InitialCatalog</a>	Gets or sets the initial catalog name.
	<a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
	<a href="#">LocalFolder</a>	Gets or sets the local folder.
	<a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name.
	<a href="#">Location</a>	Gets or sets the location.
	<a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size.
	<a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly.
	<a href="#">Name</a>	Gets or sets the name of the connection string.
	<a href="#">NetworkAddress</a>	Gets or sets the IP network address.
	<a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits.

 <a href="#">NetworkPort</a>	Gets or sets the network port ID.
 <a href="#">NewPassword</a>	Gets or sets the new password.
 <a href="#">PackageCollection</a>	Gets or sets the name of the target collection.
 <a href="#">Password</a>	Gets or sets the user password.
 <a href="#">PCCodepage</a>	Gets or sets the client PC code page.
 <a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only.
 <a href="#">RemotelU</a>	Gets or sets the remote logical unit (LU).
 <a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired.
 <a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.
 <a href="#">SecurityPrinciple</a>	Gets or set the security principle.
 <a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled.
 <a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.
 <a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used.
 <a href="#">UserName</a>	Gets or sets the name of the user.
 <a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).

See Also

#### Reference

[IConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.AffiliatedApplication Property

Gets or sets the name of the affiliated application.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AffiliatedApplication As String
```

C#

```
public string AffiliatedApplication { get; set; }
```

C++

```
public:
property String^ AffiliatedApplication {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AffiliatedApplication ()

/** @property */
public void set_AffiliatedApplication (String value)
```

JScript

```
public function get AffiliatedApplication () : String

public function set AffiliatedApplication (value : String)
```

## Property Value

The name of the affiliated application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.AllowSavingPassword Property

Gets or sets a value that determines if the system saves the password of the user.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AllowSavingPassword As Boolean
```

C#

```
public bool AllowSavingPassword { get; set; }
```

C++

```
public:
property bool AllowSavingPassword {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_AllowSavingPassword ()

/** @property */
public void set_AllowSavingPassword (boolean value)
```

JScript

```
public function get AllowSavingPassword () : boolean

public function set AllowSavingPassword (value : boolean)
```

## Property Value

**True** if the system saves the password of the user; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.AlternateTPName Property

Gets or sets the alternate TP name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AlternateTPName As String
```

C#

```
public string AlternateTPName { get; set; }
```

C++

```
public:
property String^ AlternateTPName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AlternateTPName ()

/** @property */
public void set_AlternateTPName (String value)
```

JScript

```
public function get AlternateTPName () : String

public function set AlternateTPName (value : String)
```

## Property Value

The alternate TP name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.APPCMode Property

Gets or sets the APPC Mode.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property APPCMode As String
```

C#

```
public string APPCMode { get; set; }
```

C++

```
public:
property String^ APPCMode {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_APPCMode ()

/** @property */
public void set_APPCMode (String value)
```

JScript

```
public function get APPCMode () : String

public function set APPCMode (value : String)
```

## Property Value

The APPC Mode.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.APPCSecurity Property

Gets or sets the APPC security.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property APPCSecurity As String
```

C#

```
public string APPCSecurity { get; set; }
```

C++

```
public:
property String^ APPCSecurity {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_APPCSecurity ()

/** @property */
public void set_APPCSecurity (String value)
```

JScript

```
public function get APPCSecurity () : String

public function set APPCSecurity (value : String)
```

## Property Value

The APPC security.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Authentication Property

Gets or sets the authentication.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Authentication As String
```

C#

```
public string Authentication { get; set; }
```

C++

```
public:
property String^ Authentication {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Authentication ()

/** @property */
public void set_Authentication (String value)
```

JScript

```
public function get Authentication () : String

public function set Authentication (value : String)
```

## Property Value

The authentication.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.AutoCommit Property

Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the **SiteCode** property of the current object.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AutoCommit As Boolean
```

C#

```
public bool AutoCommit { get; set; }
```

C++

```
public:
property bool AutoCommit {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_AutoCommit ()

/** @property */
public void set_AutoCommit (boolean value)
```

JScript

```
public function get AutoCommit () : boolean

public function set AutoCommit (value : boolean)
```

## Property Value

**True** if automatic calls are made, otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.BinaryAsChar Property

Gets or sets a value that determines if the system should interpret the information received as a character string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property BinaryAsChar As Boolean
```

C#

```
public bool BinaryAsChar { get; set; }
```

C++

```
public:
property bool BinaryAsChar {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_BinaryAsChar ()

/** @property */
public void set_BinaryAsChar (boolean value)
```

JScript

```
public function get BinaryAsChar () : boolean

public function set BinaryAsChar (value : boolean)
```

## Property Value

**True** if the system interprets the information received as a character string; otherwise, **false**.

Remarks

**Value**

**true** to interpret the information as a character string; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.BinaryCodepage Property

Gets or sets the binary codepage.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property BinaryCodepage As Integer
```

C#

```
public int BinaryCodepage { get; set; }
```

C++

```
public:
property int BinaryCodepage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_BinaryCodepage ()

/** @property */
public void set_BinaryCodepage (int value)
```

JScript

```
public function get BinaryCodepage () : int

public function set BinaryCodepage (value : int)
```

## Property Value

The binary codepage.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.CacheAuthentication Property

Gets or sets a value that indicates whether a cache authentication is used.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CacheAuthentication As Boolean
```

C#

```
public bool CacheAuthentication { get; set; }
```

C++

```
public:
property bool CacheAuthentication {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_CacheAuthentication ()

/** @property */
public void set_CacheAuthentication (boolean value)
```

JScript

```
public function get CacheAuthentication () : boolean

public function set CacheAuthentication (value : boolean)
```

## Property Value

**True** if a cache authentication is used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.CertificateCN Property

Gets or sets the certificate CN.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CertificateCN As String
```

C#

```
public string CertificateCN { get; set; }
```

C++

```
public:
property String^ CertificateCN {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_CertificateCN ()

/** @property */
public void set_CertificateCN (String value)
```

JScript

```
public function get CertificateCN () : String

public function set CertificateCN (value : String)
```

## Property Value

The certificate CN.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ClientAccounting Property

Gets or sets the client accounting.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClientAccounting As String
```

C#

```
public string ClientAccounting { get; set; }
```

C++

```
public:
property String^ ClientAccounting {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientAccounting ()

/** @property */
public void set_ClientAccounting (String value)
```

JScript

```
public function get ClientAccounting () : String

public function set ClientAccounting (value : String)
```

## Property Value

The client accounting.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ClientApplicationName Property

Gets or sets the client application name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClientApplicationName As String
```

C#

```
public string ClientApplicationName { get; set; }
```

C++

```
public:
property String^ ClientApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientApplicationName ()

/** @property */
public void set_ClientApplicationName (String value)
```

JScript

```
public function get ClientApplicationName () : String

public function set ClientApplicationName (value : String)
```

## Property Value

The client application name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ClientUserID Property

Gets or sets the client user identification.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClientUserID As String
```

C#

```
public string ClientUserID { get; set; }
```

C++

```
public:
property String^ ClientUserID {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientUserID ()

/** @property */
public void set_ClientUserID (String value)
```

JScript

```
public function get ClientUserID () : String

public function set ClientUserID (value : String)
```

## Property Value

The client user identification.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ClientWorkstationName Property

Gets or sets the client workstation name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClientWorkstationName As String
```

C#

```
public string ClientWorkstationName { get; set; }
```

C++

```
public:
property String^ ClientWorkstationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientWorkstationName ()

/** @property */
public void set_ClientWorkstationName (String value)
```

JScript

```
public function get ClientWorkstationName () : String

public function set ClientWorkstationName (value : String)
```

## Property Value

The client workstation name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Comment Property

Gets or sets the additional information about the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Comment As String
```

C#

```
public string Comment { get; set; }
```

C++

```
public:
property String^ Comment {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Comment ()

/** @property */
public void set_Comment (String value)
```

JScript

```
public function get Comment () : String

public function set Comment (value : String)
```

## Property Value

The additional information about the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ConnectionPooling Property

Gets or sets a value that determines if connection pooling is active.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConnectionPooling As Boolean
```

C#

```
public bool ConnectionPooling { get; set; }
```

C++

```
public:
property bool ConnectionPooling {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ConnectionPooling ()

/** @property */
public void set_ConnectionPooling (boolean value)
```

JScript

```
public function get ConnectionPooling () : boolean

public function set ConnectionPooling (value : boolean)
```

## Property Value

**True** to activate connection pooling; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ConnectionTimeout Property

Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConnectionTimeout As Integer
```

C#

```
public int ConnectionTimeout { get; set; }
```

C++

```
public:
property int ConnectionTimeout {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_ConnectionTimeout ()

/** @property */
public void set_ConnectionTimeout (int value)
```

JScript

```
public function get ConnectionTimeout () : int

public function set ConnectionTimeout (value : int)
```

## Property Value

The time (in seconds) to wait for a connection to open.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.DatabaseName Property

Gets or sets the database name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DatabaseName As String
```

C#

```
public string DatabaseName { get; set; }
```

C++

```
public:
property String^ DatabaseName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DatabaseName ()

/** @property */
public void set_DatabaseName (String value)
```

JScript

```
public function get DatabaseName () : String

public function set DatabaseName (value : String)
```

## Property Value

The database name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DataSourceName Property

Gets or sets the name of the data source.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DataSourceName As String
```

C#

```
public string DataSourceName { get; set; }
```

C++

```
public:
property String^ DataSourceName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DataSourceName ()

/** @property */
public void set_DataSourceName (String value)
```

JScript

```
public function get DataSourceName () : String

public function set DataSourceName (value : String)
```

## Property Value

The name of the data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DateModified Property

Get or sets the date and time the connection string was modified.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DateModified As DateTime
```

C#

```
public DateTime DateModified { get; set; }
```

C++

```
public:
property DateTime DateModified {
    DateTime get ();
    void set (DateTime value);
}
```

J#

```
/** @property */
public DateTime get_DateModified ()

/** @property */
public void set_DateModified (DateTime value)
```

JScript

```
public function get DateModified () : DateTime

public function set DateModified (value : DateTime)
```

## Property Value

The date and time the connection string was modified.

Remarks

DateModified applies only to connection strings that connect to a file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DateTimeAsChar Property

Gets or sets a value that indicates whether date time is interpreted as a character.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DateTimeAsChar As Boolean
```

C#

```
public bool DateTimeAsChar { get; set; }
```

C++

```
public:
property bool DateTimeAsChar {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DateTimeAsChar ()

/** @property */
public void set_DateTimeAsChar (boolean value)
```

JScript

```
public function get DateTimeAsChar () : boolean

public function set DateTimeAsChar (value : boolean)
```

## Property Value

**True** if date time is interpreted as a character; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DateTimeAsDate Property

Gets or sets a value that indicates whether the date time is interpreted as date.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DateTimeAsDate As Boolean
```

C#

```
public bool DateTimeAsDate { get; set; }
```

C++

```
public:
property bool DateTimeAsDate {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DateTimeAsDate ()

/** @property */
public void set_DateTimeAsDate (boolean value)
```

JScript

```
public function get DateTimeAsDate () : boolean

public function set DateTimeAsDate (value : boolean)
```

## Property Value

**True** if the date time is interpreted as date; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DBMSPlatform Property

Gets or sets the type of database to which the connection string connects.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DBMSPlatform As String
```

C#

```
public string DBMSPlatform { get; set; }
```

C++

```
public:
property String^ DBMSPlatform {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DBMSPlatform ()

/** @property */
public void set_DBMSPlatform (String value)
```

JScript

```
public function get DBMSPlatform () : String

public function set DBMSPlatform (value : String)
```

## Property Value

The type of database to which the connection string connects.

Remarks

**Value**

The following list describes the possible values for DBMSPlatform.

- DB2/MVS
- DB2/AS400
- DB2/NT
- DB2/6000

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DefaultLibrary Property

Gets or sets the default library for the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultLibrary As String
```

C#

```
public string DefaultLibrary { get; set; }
```

C++

```
public:
property String^ DefaultLibrary {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultLibrary ()

/** @property */
public void set_DefaultLibrary (String value)
```

JScript

```
public function get DefaultLibrary () : String

public function set DefaultLibrary (value : String)
```

## Property Value

The default library for the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.DefaultQualifier Property

Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultQualifier As String
```

C#

```
public string DefaultQualifier { get; set; }
```

C++

```
public:
property String^ DefaultQualifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultQualifier ()

/** @property */
public void set_DefaultQualifier (String value)
```

JScript

```
public function get DefaultQualifier () : String

public function set DefaultQualifier (value : String)
```

## Property Value

The name of the schema (collection/owner) with which to fully qualify unqualified object names.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DefaultSchema Property

Gets or sets the name of the collection where the system looks for catalog information.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DefaultSchema As String
```

C#

```
public string DefaultSchema { get; set; }
```

C++

```
public:
property String^ DefaultSchema {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultSchema ()

/** @property */
public void set_DefaultSchema (String value)
```

JScript

```
public function get DefaultSchema () : String

public function set DefaultSchema (value : String)
```

## Property Value

The name of the collection where the system looks for catalog information.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DeferPrepare Property

Gets or sets a value that indicates whether to defer preparation.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DeferPrepare As Boolean
```

C#

```
public bool DeferPrepare { get; set; }
```

C++

```
public:
property bool DeferPrepare {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DeferPrepare ()

/** @property */
public void set_DeferPrepare (boolean value)
```

JScript

```
public function get DeferPrepare () : boolean

public function set DeferPrepare (value : boolean)
```

## Property Value

**True** to defer preparation; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.DeriveParameters Property

Gets or sets a value that determines if you can derive parameters.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DeriveParameters As Boolean
```

C#

```
public bool DeriveParameters { get; set; }
```

C++

```
public:
property bool DeriveParameters {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DeriveParameters ()

/** @property */
public void set_DeriveParameters (boolean value)
```

JScript

```
public function get DeriveParameters () : boolean

public function set DeriveParameters (value : boolean)
```

## Property Value

**True** if you can derive parameters; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.EarlyMetadata Property

Gets or sets a value that indicates whether early metadata is defined.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property EarlyMetadata As Boolean
```

C#

```
public bool EarlyMetadata { get; set; }
```

C++

```
public:
property bool EarlyMetadata {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_EarlyMetadata ()

/** @property */
public void set_EarlyMetadata (boolean value)
```

JScript

```
public function get EarlyMetadata () : boolean

public function set EarlyMetadata (value : boolean)
```

## Property Value

**True** if an early metadata is defined; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ExtendedProperties Property

Gets or sets the extended properties.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ExtendedProperties As String
```

C#

```
public string ExtendedProperties { get; set; }
```

C++

```
public:
property String^ ExtendedProperties {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ExtendedProperties ()

/** @property */
public void set_ExtendedProperties (String value)
```

JScript

```
public function get ExtendedProperties () : String

public function set ExtendedProperties (value : String)
```

## Property Value

The extended properties.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Format Property

Gets the format for the string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Property Format As Format
```

C#

```
public static Format Format { get; }
```

C++

```
public:
static property Format^ Format {
    Format^ get ();
}
```

J#

```
/** @property */
public static Format get_Format ()
```

JScript

```
public static function get Format () : Format
```

## Property Value

The format for the string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.HcdFileName Property

Gets or sets the host column description file name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HcdFileName As String
```

C#

```
public string HcdFileName { get; set; }
```

C++

```
public:
property String^ HcdFileName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_HcdFileName ()

/** @property */
public void set_HcdFileName (String value)
```

JScript

```
public function get HcdFileName () : String

public function set HcdFileName (value : String)
```

## Property Value

The host column description file name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.HostCCSID Property

Gets or sets the character code set identifier (CCSID) for the host.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HostCCSID As Integer
```

C#

```
public int HostCCSID { get; set; }
```

C++

```
public:
property int HostCCSID {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCCSID ()

/** @property */
public void set_HostCCSID (int value)
```

JScript

```
public function get HostCCSID () : int

public function set HostCCSID (value : int)
```

## Property Value

The character code set identifier (CCSID) for the host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.HostName Property

Gets the name of the host.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property HostName As String
```

C#

```
public string HostName { get; }
```

C++

```
public:  
property String^ HostName {  
    String^ get ();  
}
```

J#

```
/** @property */  
public String get_HostName ()
```

JScript

```
public function get HostName () : String
```

## Property Value

The name of the host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.InitialCatalog Property

Gets or sets the initial catalog name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property InitialCatalog As String
```

C#

```
public string InitialCatalog { get; set; }
```

C++

```
public:
property String^ InitialCatalog {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_InitialCatalog ()

/** @property */
public void set_InitialCatalog (String value)
```

JScript

```
public function get InitialCatalog () : String

public function set InitialCatalog (value : String)
```

## Property Value

The initial catalog name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.IntegratedSecurity Property

Gets or sets the integrated security.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property IntegratedSecurity As String
```

C#

```
public string IntegratedSecurity { get; set; }
```

C++

```
public:
property String^ IntegratedSecurity {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IntegratedSecurity ()

/** @property */
public void set_IntegratedSecurity (String value)
```

JScript

```
public function get IntegratedSecurity () : String

public function set IntegratedSecurity (value : String)
```

## Property Value

The integrated security.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.LocalFolder Property

Gets or sets the local folder.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LocalFolder As String
```

C#

```
public string LocalFolder { get; set; }
```

C++

```
public:
property String^ LocalFolder {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalFolder ()

/** @property */
public void set_LocalFolder (String value)
```

JScript

```
public function get LocalFolder () : String

public function set LocalFolder (value : String)
```

## Property Value

The local folder.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.LocalLU Property

Gets or sets the local logical unit (LU) name.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LocalLU As String
```

C#

```
public string LocalLU { get; set; }
```

C++

```
public:
property String^ LocalLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalLU ()

/** @property */
public void set_LocalLU (String value)
```

JScript

```
public function get LocalLU () : String

public function set LocalLU (value : String)
```

## Property Value

The local logical unit (LU) name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Location Property

Gets or sets the location.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Location As String
```

C#

```
public string Location { get; set; }
```

C++

```
public:
property String^ Location {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Location ()

/** @property */
public void set_Location (String value)
```

JScript

```
public function get Location () : String

public function set Location (value : String)
```

## Property Value

The location.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.MaxPoolSize Property

Gets or sets the maximum pool size.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MaxPoolSize As Integer
```

C#

```
public int MaxPoolSize { get; set; }
```

C++

```
public:
property int MaxPoolSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_MaxPoolSize ()

/** @property */
public void set_MaxPoolSize (int value)
```

JScript

```
public function get MaxPoolSize () : int

public function set MaxPoolSize (value : int)
```

## Property Value

The maximum pool size.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.MetadataAssembly Property

Gets or sets the metadata assembly.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MetadataAssembly As String
```

C#

```
public string MetadataAssembly { get; set; }
```

C++

```
public:
property String^ MetadataAssembly {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MetadataAssembly ()

/** @property */
public void set_MetadataAssembly (String value)
```

JScript

```
public function get MetadataAssembly () : String

public function set MetadataAssembly (value : String)
```

## Property Value

The metadata assembly.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.Name Property

Gets or sets the name of the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Property Name As String
```

C#

```
public virtual string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public function get Name () : String

public function set Name (value : String)
```

## Property Value

The name of the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.NetworkAddress Property

Gets or sets the IP network address.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NetworkAddress As String
```

C#

```
public string NetworkAddress { get; set; }
```

C++

```
public:
property String^ NetworkAddress {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkAddress ()

/** @property */
public void set_NetworkAddress (String value)
```

JScript

```
public function get NetworkAddress () : String

public function set NetworkAddress (value : String)
```

## Property Value

The IP network address.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.NetworkLibrary Property

Gets or sets the type of network over which the connection transmits.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)  
Usage  
Syntax  
VB

```
'Declaration
Public Property NetworkLibrary As String
```

C#

```
public string NetworkLibrary { get; set; }
```

C++

```
public:
property String^ NetworkLibrary {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkLibrary ()

/** @property */
public void set_NetworkLibrary (String value)
```

JScript

```
public function get NetworkLibrary () : String

public function set NetworkLibrary (value : String)
```

## Property Value

The type of network over which the connection transmits.

Remarks

### Value

The following table describes the possible values for NetworkLibrary.

Value	Description
TCP/IP, TCP, or IP	TCP/IP
SNA	SNA

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.NetworkPort Property

Gets or sets the network port ID.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NetworkPort As Integer
```

C#

```
public int NetworkPort { get; set; }
```

C++

```
public:
property int NetworkPort {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_NetworkPort ()

/** @property */
public void set_NetworkPort (int value)
```

JScript

```
public function get NetworkPort () : int

public function set NetworkPort (value : int)
```

## Property Value

The network port ID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.NewPassword Property

Gets or sets the new password.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NewPassword As String
```

C#

```
public string NewPassword { get; set; }
```

C++

```
public:
property String^ NewPassword {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NewPassword ()

/** @property */
public void set_NewPassword (String value)
```

JScript

```
public function get NewPassword () : String

public function set NewPassword (value : String)
```

## Property Value

The new password.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.PackageCollection Property

Gets or sets the name of the target collection.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PackageCollection As String
```

C#

```
public string PackageCollection { get; set; }
```

C++

```
public:
property String^ PackageCollection {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PackageCollection ()

/** @property */
public void set_PackageCollection (String value)
```

JScript

```
public function get PackageCollection () : String

public function set PackageCollection (value : String)
```

## Property Value

The name of the target collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.Password Property

Gets or sets the user password.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Password As String
```

C#

```
public string Password { get; set; }
```

C++

```
public:
property String^ Password {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Password ()

/** @property */
public void set_Password (String value)
```

JScript

```
public function get Password () : String

public function set Password (value : String)
```

## Property Value

The user password.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.PCCodepage Property

Gets or sets the client PC code page.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PCCodepage As Integer
```

C#

```
public int PCCodepage { get; set; }
```

C++

```
public:
property int PCCodepage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_PCCodepage ()

/** @property */
public void set_PCCodepage (int value)
```

JScript

```
public function get PCCodepage () : int

public function set PCCodepage (value : int)
```

## Property Value

The client PC code page.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.ReadOnly Property

Gets or sets a value that determines if the connection string is read-only.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReadOnly As Boolean
```

C#

```
public bool ReadOnly { get; set; }
```

C++

```
public:
property bool ReadOnly {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ReadOnly ()

/** @property */
public void set_ReadOnly (boolean value)
```

JScript

```
public function get ReadOnly () : boolean

public function set ReadOnly (value : boolean)
```

## Property Value

**true** if the connection string is read-only; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.RemoteLU Property

Gets or sets the remote logical unit (LU).

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteLU As String
```

C#

```
public string RemoteLU { get; set; }
```

C++

```
public:
property String^ RemoteLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteLU ()

/** @property */
public void set_RemoteLU (String value)
```

JScript

```
public function get RemoteLU () : String

public function set RemoteLU (value : String)
```

## Property Value

The remote logical unit (LU).

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.RepairHostKeys Property

Gets or sets a value that determines if the host keys should be repaired.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RepairHostKeys As Boolean
```

C#

```
public bool RepairHostKeys { get; set; }
```

C++

```
public:
property bool RepairHostKeys {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_RepairHostKeys ()

/** @property */
public void set_RepairHostKeys (boolean value)
```

JScript

```
public function get RepairHostKeys () : boolean

public function set RepairHostKeys (value : boolean)
```

## Property Value

**true** to repair the host keys; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.RowsetCacheSize Property

Gets or sets the rowset cache size.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RowsetCacheSize As Integer
```

C#

```
public int RowsetCacheSize { get; set; }
```

C++

```
public:
property int RowsetCacheSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_RowsetCacheSize ()

/** @property */
public void set_RowsetCacheSize (int value)
```

JScript

```
public function get RowsetCacheSize () : int

public function set RowsetCacheSize (value : int)
```

## Property Value

The rowset cache size.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.SecurityPrinciple Property

Gets or set the security principle.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property SecurityPrinciple As String
```

C#

```
public string SecurityPrinciple { get; set; }
```

C++

```
public:
property String^ SecurityPrinciple {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_SecurityPrinciple ()

/** @property */
public void set_SecurityPrinciple (String value)
```

JScript

```
public function get SecurityPrinciple () : String

public function set SecurityPrinciple (value : String)
```

## Property Value

The security principle.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.StrictValidation Property

Gets or sets a value that determines if strict validation is enabled.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StrictValidation As Boolean
```

C#

```
public bool StrictValidation { get; set; }
```

C++

```
public:
property bool StrictValidation {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_StrictValidation ()

/** @property */
public void set_StrictValidation (boolean value)
```

JScript

```
public function get StrictValidation () : boolean

public function set StrictValidation (value : boolean)
```

## Property Value

**true** if strict validation is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IConnectionString.UnitsOfWork Property

Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UnitsOfWork As String
```

C#

```
public string UnitsOfWork { get; set; }
```

C++

```
public:
property String^ UnitsOfWork {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UnitsOfWork ()

/** @property */
public void set_UnitsOfWork (String value)
```

JScript

```
public function get UnitsOfWork () : String

public function set UnitsOfWork (value : String)
```

## Property Value

The two-phase commit used for transactions supported for this data source.

Remarks

**Value**

The following table describes the possible values for RemoteLU.

Value	Description
RUW	Remote unit of work
DUW	Distributed unit of work.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.UseKerberos Property

Gets or sets a value that indicates whether a Kerberos is used.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UseKerberos As Boolean
```

C#

```
public bool UseKerberos { get; set; }
```

C++

```
public:
property bool UseKerberos {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseKerberos ()

/** @property */
public void set_UseKerberos (boolean value)
```

JScript

```
public function get UseKerberos () : boolean

public function set UseKerberos (value : boolean)
```

## Property Value

**True** if a Kerberos is used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.UserName Property

Gets or sets the name of the user.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UserName As String
```

C#

```
public string UserName { get; set; }
```

C++

```
public:
property String^ UserName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserName ()

/** @property */
public void set_UserName (String value)
```

JScript

```
public function get UserName () : String

public function set UserName (value : String)
```

## Property Value

The name of the user.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IConnectionString.UseSingleSignOn Property

Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UseSingleSignOn As Boolean
```

C#

```
public bool UseSingleSignOn { get; set; }
```

C++

```
public:
property bool UseSingleSignOn {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseSingleSignOn ()

/** @property */
public void set_UseSingleSignOn (boolean value)
```

JScript

```
public function get UseSingleSignOn () : boolean

public function set UseSingleSignOn (value : boolean)
```

## Property Value

**True** if the connection string uses Single Sign-On (SSO); otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IConnectionString Class](#)

[IConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem Class

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
<SerializableAttribute> _
Public MustInherit Class IHcdItem
```

C#

```
[SerializableAttribute]
public abstract class IHcdItem
```

C++

```
[SerializableAttribute]
public ref class IHcdItem abstract
```

J#

```
/** @attribute SerializableAttribute() */
public abstract class IHcdItem
```

JScript

```
SerializableAttribute
public abstract class IHcdItem
```

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.DataAccessLibrary.IHcdItem**

[Microsoft.HostIntegration.DataAccessLibrary.HcdColumn](#)

[Microsoft.HostIntegration.DataAccessLibrary.HcdFile](#)

[Microsoft.HostIntegration.DataAccessLibrary.HcdTable](#)

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem Members


The following tables list the members exposed by the [IHcdItem](#) type.

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Name</a>	Gets or sets the name of the current instance.










[Top](#)

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance.








[Top](#)

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Renames the current instance.
	<a href="#">Save</a>	Saves the current instance.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	Determines whether the specified child element exists in the current instance.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	Retrieves the child element based on the specified index.
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted.
	<a href="#">InternalLoad</a>	Loads the connection string.
	<a href="#">InternalSave</a>	Saves the connection string.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also











**Reference**

[IHcdItem Class](#)








[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Loads the current instance.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	Renames the current instance.
	<a href="#">Save</a>	Saves the current instance.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ChildExists</a>	Determines whether the specified child element exists in the current instance.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetChild</a>	Retrieves the child element based on the specified index.
	<a href="#">InternalDelete</a>	Indicates a value whether the connection string is deleted.
	<a href="#">InternalLoad</a>	Loads the connection string.
	<a href="#">InternalSave</a>	Saves the connection string.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[IHcdItem Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IHcdItem.ChildExists Method

Determines whether the specified child element exists in the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Function ChildExists ( _
    name As String _
) As Boolean
```

C#

```
protected bool ChildExists (
    string name
)
```

C++

```
protected:
bool ChildExists (
    String^ name
)
```

J#

```
protected boolean ChildExists (
    String name
)
```

JScript

```
protected function ChildExists (
    name : String
) : boolean
```

## Parameters

name

The name of the child element to search for.

## Return Value

**True** if the child element exists; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.Delete Method

Deletes the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Delete ( _
    force As Boolean _
) As Boolean
```

C#

```
public bool Delete (
    bool force
)
```

C++

```
public:
bool Delete (
    bool force
)
```

J#

```
public boolean Delete (
    boolean force
)
```

JScript

```
public function Delete (
    force : boolean
) : boolean
```

## Parameters

force

## Return Value

**True** if the deletion was successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.GetChild Method

Retrieves the child element based on the specified index.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Function GetChild ( _
    i As Integer _
) As IHcdItem
```

C#

```
protected IHcdItem GetChild (
    int i
)
```

C++

```
protected:
IHcdItem^ GetChild (
    int i
)
```

J#

```
protected IHcdItem GetChild (
    int i
)
```

JScript

```
protected function GetChild (
    i : int
) : IHcdItem
```

## Parameters

i

The index of the child element to retrieve.

## Return Value

The child element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.InternalDelete Method

This method supports the infrastructure and is not intended to be used directly from your code.

Indicates a value whether the connection string is deleted.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected MustOverride Function InternalDelete As Boolean
```

C#

```
protected abstract bool InternalDelete ()
```

C++

```
protected:
virtual bool InternalDelete () abstract
```

J#

```
protected abstract boolean InternalDelete ()
```

JScript

```
protected abstract function InternalDelete () : boolean
```

## Return Value

**True** if the connection string is deleted; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.InternalLoad Method

This method supports the infrastructure and is not intended to be used directly from your code.

Loads the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected MustOverride Sub InternalLoad
```

C#

```
protected abstract void InternalLoad ()
```

C++

```
protected:
virtual void InternalLoad () abstract
```

J#

```
protected abstract void InternalLoad ()
```

JScript

```
protected abstract function InternalLoad ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.InternalSave Method

This method supports the infrastructure and is not intended to be used directly from your code.

Saves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected MustOverride Sub InternalSave
```

C#

```
protected abstract void InternalSave ()
```

C++

```
protected:
virtual void InternalSave () abstract
```

J#

```
protected abstract void InternalSave ()
```

JScript

```
protected abstract function InternalSave ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.Load Method

Loads the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Load
```

C#

```
public void Load ()
```

C++

```
public:  
void Load ()
```

J#

```
public void Load ()
```

JScript

```
public function Load ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.Rename Method

Renames the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Sub Rename ( _
    newName As String _
)
```

C#

```
public abstract void Rename (
    string newName
)
```

C++

```
public:
virtual void Rename (
    String^ newName
) abstract
```

J#

```
public abstract void Rename (
    String newName
)
```

JScript

```
public abstract function Rename (
    newName : String
)
```

## Parameters

newName

The new name to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IHcdItem.Save Method

Saves the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Save
```

C#

```
public void Save ()
```

C++

```
public:  
void Save ()
```

J#

```
public void Save ()
```

JScript

```
public function Save ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


[IHcdItem Class](#)

[IHcdItem Members](#)


[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Name</a>	Gets or sets the name of the current instance.

Protected Properties

	Name	Description
	<a href="#">ChildCount</a>	Gets the number of child elements of the current instance.

See Also

**Reference**

[IHcdItem Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.ChildCount Property

Gets the number of child elements of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected ReadOnly Property ChildCount As Integer
```

C#

```
protected int ChildCount { get; }
```

C++

```
protected:
property int ChildCount {
    int get ();
}
```

J#

```
/** @property */
protected int get_ChildCount ()
```

JScript

```
protected function get ChildCount () : int
```

## Property Value

The number of child elements of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHcdItem.Name Property

Gets or sets the name of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Property Name As String
```

C#

```
public abstract string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get () abstract;
    void set (String^ value) abstract;
}
```

J#

```
/** @property */
public abstract String get_Name ()

/** @property */
public abstract void set_Name (String value)
```

JScript

```
public abstract function get Name () : String

public abstract function set Name (value : String)
```

## Property Value

The name of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHcdItem Class](#)

[IHcdItem Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager Interface

Represents the HIS provider manager.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public interface IHisProviderManager
```

C++

```
public interface class IHisProviderManager
```


F#

```
type IHisProviderManager = interface end
```




VB

```
Public Interface IHisProviderManager
```

Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the data source type count.

Methods

	Name	Description
	<a href="#">GetDataSources(Int32)</a>	Retrieves a list of data sources based on the specified index.
	<a href="#">GetProviderConnStringType(Int32)</a>	Retrieves the provider connection string type based on the specified index.
	<a href="#">IsInstalled()</a>	Determines if the provider is installed.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


[Return to top](#)

# IHisProviderManager Members

Represents the HIS provider manager.




The following tables list the members exposed by the [IHisProviderManager](#) type.

## Public Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the data source type count.

[Top](#)

## Public Methods

	Name	Description
	<a href="#">GetDataSources</a>	Retrieves a list of data sources based on the specified index.
	<a href="#">GetProviderConnStringType</a>	Retrieves the provider connection string type based on the specified index.
	<a href="#">IsInstalled</a>	Determines if the provider is installed.

[Top](#)

See Also




## Reference

[IHisProviderManager Interface](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager Methods

## Public Methods

	Name	Description
	<a href="#">GetDataSources</a>	Retrieves a list of data sources based on the specified index.
	<a href="#">GetProviderConnStringType</a>	Retrieves the provider connection string type based on the specified index.
	<a href="#">IsInstalled</a>	Determines if the provider is installed.

## See Also

### Reference

[IHisProviderManager Interface](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager.GetDataSources Method

Retrieves a list of data sources based on the specified index.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Function GetDataSources ( _
    i As Integer _
) As ArrayList
```

C#

```
ArrayList GetDataSources (
    int i
)
```

C++

```
ArrayList^ GetDataSources (
    int i
)
```

J#

```
ArrayList GetDataSources (
    int i
)
```

JScript

```
function GetDataSources (
    i : int
) : ArrayList
```

## Parameters

i

The index of the data sources to retrieve.

## Return Value

A list of data sources.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHisProviderManager Interface](#)

[IHisProviderManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# IHisProviderManager.GetProviderConnStringType Method

Retrieves the provider connection string type based on the specified index.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Function GetProviderConnStringType ( _
    i As Integer _
) As Type
```

C#

```
Type GetProviderConnStringType (
    int i
)
```

C++

```
Type^ GetProviderConnStringType (
    int i
)
```

J#

```
Type GetProviderConnStringType (
    int i
)
```

JScript

```
function GetProviderConnStringType (
    i : int
) : Type
```

## Parameters

i

The index to use.

## Return Value

The provider connection string type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHisProviderManager Interface](#)

[IHisProviderManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager.IsInstalled Method

Determines if the provider is installed.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Function IsInstalled As Boolean
```

C#

```
bool IsInstalled ()
```

C++

```
bool IsInstalled ()
```

J#

```
boolean IsInstalled ()
```

JScript

```
function IsInstalled () : boolean
```

## Return Value

**True** if the provider is installed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[IHisProviderManager Interface](#)

[IHisProviderManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager Properties

Public Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the data source type count.

See Also

Reference

[IHisProviderManager Interface](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# IHisProviderManager.DataSourceTypeCount Property

Gets the data source type count.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property DataSourceTypeCount As Integer
```

C#

```
int DataSourceTypeCount { get; }
```

C++

```
property int DataSourceTypeCount {  
    int get ();  
}
```

J#

```
/** @property */  
int get_DataSourceTypeCount ()
```

JScript

```
function get DataSourceTypeCount () : int
```

## Property Value

The data source type count.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IHisProviderManager Interface](#)

[IHisProviderManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog Class

Represents the message dialog.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy

- [System.Object](#)
- [System.MarshalByRefObject](#)
- [System.ComponentModel.Component](#)
- [System.Windows.Forms.Control](#)
- [System.Windows.Forms.ScrollableControl](#)
- [System.Windows.Forms.ContainerControl](#)
- [System.Windows.Forms.Form](#)
- Microsoft.HostIntegration.DataAccessLibrary.MessageDialog**

Syntax  
C#

```
public class MessageDialog : Form
```

C++

```
public ref class MessageDialog : Form
```



F#

```
type MessageDialog =  
    class  
        inherit Form  
    end
```







VB

```
Public Class MessageDialog  
    Inherits Form
```

## Constructors

	Name	Description
	<a href="#">MessageDialog(String, String, String, String, MessageBoxIcon, Boolean, String)</a>	Creates a new instance of the <b>MessageDialog</b> using the specified parameters.
	<a href="#">MessageDialog(String, String, String, String, MessageBoxIcon, Boolean, String, Int32)</a>	Creates a new instance of the <b>MessageDialog</b> class, using the specified parameters.

## Properties


	Name	Description
	<a href="#">AcceptButton</a>	(Inherited from <a href="#">Form</a> .)
	<a href="#">AccessibilityObject</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDefaultActionDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleDescription</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleName</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">AccessibleRole</a>	(Inherited from <a href="#">Control</a> .)

 <a href="#">ActiveControl</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">ActiveMdiChild</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AllowDrop</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AllowTransparency</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">Anchor</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AutoScaleDimensions</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">AutoScaleFactor</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">AutoScaleMode</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">AutoScroll</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AutoScrollMargin</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">AutoScrollMinSize</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">AutoScrollOffset</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AutoScrollPosition</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">AutoSize</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AutoSizeMode</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AutoValidate</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">BackColor</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">BackgroundImage</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">BackgroundImageLayout</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">BindingContext</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">Bottom</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Bounds</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CancelButton</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">CanEnableIme</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">CanFocus</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CanRaiseEvents</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CanSelect</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Capture</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CausesValidation</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CheckState</a>	Gets a value that determines if the check has been selected.
 <a href="#">ClientRectangle</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">ClientSize</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">CompanyName</a>	(Inherited from <a href="#">Control</a> .)

 Container	(Inherited from <a href="#">Component</a> .)
 ContainsFocus	(Inherited from <a href="#">Control</a> .)
 ContextMenu	(Inherited from <a href="#">Control</a> .)
 ContextMenuStrip	(Inherited from <a href="#">Control</a> .)
 ControlBox	(Inherited from <a href="#">Form</a> .)
 Controls	(Inherited from <a href="#">Control</a> .)
 Created	(Inherited from <a href="#">Control</a> .)
 CreateParams	(Inherited from <a href="#">Form</a> .)
 CurrentAutoScaleDimensions	(Inherited from <a href="#">ContainerControl</a> .)
 Cursor	(Inherited from <a href="#">Control</a> .)
 DataBindings	(Inherited from <a href="#">Control</a> .)
 DefaultCursor	(Inherited from <a href="#">Control</a> .)
 DefaultImeMode	(Inherited from <a href="#">Form</a> .)
 DefaultMargin	(Inherited from <a href="#">Control</a> .)
 DefaultMaximumSize	(Inherited from <a href="#">Control</a> .)
 DefaultMinimumSize	(Inherited from <a href="#">Control</a> .)
 DefaultPadding	(Inherited from <a href="#">Control</a> .)
 DefaultSize	(Inherited from <a href="#">Form</a> .)
 DesignMode	(Inherited from <a href="#">Component</a> .)
 DesktopBounds	(Inherited from <a href="#">Form</a> .)
 DesktopLocation	(Inherited from <a href="#">Form</a> .)
 DialogResult	(Inherited from <a href="#">Form</a> .)
 DisplayRectangle	(Inherited from <a href="#">ScrollableControl</a> .)
 Disposing	(Inherited from <a href="#">Control</a> .)
 Dock	(Inherited from <a href="#">Control</a> .)
 DoubleBuffered	(Inherited from <a href="#">Control</a> .)
 Enabled	(Inherited from <a href="#">Control</a> .)
 Events	(Inherited from <a href="#">Component</a> .)
 Focused	(Inherited from <a href="#">Control</a> .)
 Font	(Inherited from <a href="#">Control</a> .)
 FontHeight	(Inherited from <a href="#">Control</a> .)
 ForeColor	(Inherited from <a href="#">Control</a> .)
 FormBorderStyle	(Inherited from <a href="#">Form</a> .)











 Handle	(Inherited from <a href="#">Control.</a> )
 HasChildren	(Inherited from <a href="#">Control.</a> )
 Height	(Inherited from <a href="#">Control.</a> )
 HelpButton	(Inherited from <a href="#">Form.</a> )
 HorizontalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 HScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 Icon	(Inherited from <a href="#">Form.</a> )
 ImeMode	(Inherited from <a href="#">Control.</a> )
 ImeModeBase	(Inherited from <a href="#">Control.</a> )
 InvokeRequired	(Inherited from <a href="#">Control.</a> )
 IsAccessible	(Inherited from <a href="#">Control.</a> )
 IsDisposed	(Inherited from <a href="#">Control.</a> )
 IsHandleCreated	(Inherited from <a href="#">Control.</a> )
 IsMdiChild	(Inherited from <a href="#">Form.</a> )
 IsMdiContainer	(Inherited from <a href="#">Form.</a> )
 IsMirrored	(Inherited from <a href="#">Control.</a> )
 IsRestrictedWindow	(Inherited from <a href="#">Form.</a> )
 KeyPreview	(Inherited from <a href="#">Form.</a> )
 LayoutEngine	(Inherited from <a href="#">Control.</a> )
 Left	(Inherited from <a href="#">Control.</a> )
 Location	(Inherited from <a href="#">Form.</a> )
 MainMenuStrip	(Inherited from <a href="#">Form.</a> )
 Margin	(Inherited from <a href="#">Control.</a> )
 MaximizeBox	(Inherited from <a href="#">Form.</a> )
 MaximizedBounds	(Inherited from <a href="#">Form.</a> )
 MaximumSize	(Inherited from <a href="#">Form.</a> )
 MdiChildren	(Inherited from <a href="#">Form.</a> )
 MdiParent	(Inherited from <a href="#">Form.</a> )
 Menu	(Inherited from <a href="#">Form.</a> )
 MergedMenu	(Inherited from <a href="#">Form.</a> )
 MinimizeBox	(Inherited from <a href="#">Form.</a> )
 MinimumSize	(Inherited from <a href="#">Form.</a> )
 Modal	(Inherited from <a href="#">Form.</a> )























































 Name	(Inherited from <a href="#">Control.</a> )
 Opacity	(Inherited from <a href="#">Form.</a> )
 OwnedForms	(Inherited from <a href="#">Form.</a> )
 Owner	(Inherited from <a href="#">Form.</a> )
 Padding	(Inherited from <a href="#">Control.</a> )
 Parent	(Inherited from <a href="#">Control.</a> )
 ParentForm	(Inherited from <a href="#">ContainerControl.</a> )
 PreferredSize	(Inherited from <a href="#">Control.</a> )
 ProductName	(Inherited from <a href="#">Control.</a> )
 ProductVersion	(Inherited from <a href="#">Control.</a> )
 RecreatingHandle	(Inherited from <a href="#">Control.</a> )
 Region	(Inherited from <a href="#">Control.</a> )
 RenderRightToLeft	(Inherited from <a href="#">Control.</a> )
 ResizeRedraw	(Inherited from <a href="#">Control.</a> )
 RestoreBounds	(Inherited from <a href="#">Form.</a> )
 Right	(Inherited from <a href="#">Control.</a> )
 RightToLeft	(Inherited from <a href="#">Control.</a> )
 RightToLeftLayout	(Inherited from <a href="#">Form.</a> )
 ScaleChildren	(Inherited from <a href="#">Control.</a> )
 ShowFocusCues	(Inherited from <a href="#">Control.</a> )
 ShowIcon	(Inherited from <a href="#">Form.</a> )
 ShowInTaskbar	(Inherited from <a href="#">Form.</a> )
 ShowKeyboardCues	(Inherited from <a href="#">Control.</a> )
 ShowWithoutActivation	(Inherited from <a href="#">Form.</a> )
 Site	(Inherited from <a href="#">Control.</a> )
 Size	(Inherited from <a href="#">Form.</a> )
 SizeGripStyle	(Inherited from <a href="#">Form.</a> )
 StartPosition	(Inherited from <a href="#">Form.</a> )
 TabIndex	(Inherited from <a href="#">Control.</a> )
 TabStop	(Inherited from <a href="#">Control.</a> )
 Tag	(Inherited from <a href="#">Control.</a> )
 Text	(Inherited from <a href="#">Form.</a> )
 Top	(Inherited from <a href="#">Control.</a> )


































 <a href="#">TopLevel</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">TopLevelControl</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">TopMost</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">TransparencyKey</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">UseWaitCursor</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">VerticalScroll</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">Visible</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">VScroll</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">Width</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">WindowState</a>	(Inherited from <a href="#">Form</a> .)


































#### Methods





























 <b>Name</b>	<b>Description</b>
 <a href="#">AccessibilityNotifyClients(AccessibleEvents, Int32)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AccessibilityNotifyClients(AccessibleEvents, Int32, Int32)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Activate()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">ActivateMdiChild(Form)</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AddOwnedForm(Form)</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">AdjustControls(String, String, String, String, MessageBoxIcon, Boolean, String, Int32)</a>	Adjusts the controls on the message dialog.
 <a href="#">AdjustFormScrollbars(Boolean)</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">BeginInvoke(Delegate)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">BeginInvoke(Delegate, Object[])</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">BringToFront()</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CenterToParent()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">CenterToScreen()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">Close()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">Contains(Control)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CreateAccessibilityInstance()</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CreateControl()</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CreateControlsInstance()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">CreateGraphics()</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">CreateHandle()</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">DefWndProc(Message)</a>	(Inherited from <a href="#">Form</a> .)































 DestroyHandle()	(Inherited from <a href="#">Control</a> .)
 Dispose()	(Inherited from <a href="#">Component</a> .)
 Dispose(Boolean)	Disposes of resources associated with the current instance.(Overrides <a href="#">Form.Dispose(Boolean)</a> .)
 DoDragDrop(Object, DragDropEffects)	(Inherited from <a href="#">Control</a> .)
 DrawToBitmap(Bitmap, Rectangle)	(Inherited from <a href="#">Control</a> .)
 EndInvoke(IAsyncResult)	(Inherited from <a href="#">Control</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 Finalize()	(Inherited from <a href="#">Component</a> .)
 FindForm()	(Inherited from <a href="#">Control</a> .)
 Focus()	(Inherited from <a href="#">Control</a> .)
 GetAccessibilityObjectById(Int32)	(Inherited from <a href="#">Control</a> .)
 GetAutoSizeMode()	(Inherited from <a href="#">Control</a> .)
 GetChildAtPoint(Point)	(Inherited from <a href="#">Control</a> .)
 GetChildAtPoint(Point, GetChildAtPointSkip)	(Inherited from <a href="#">Control</a> .)
 GetContainerControl()	(Inherited from <a href="#">Control</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetNextControl(Control, Boolean)	(Inherited from <a href="#">Control</a> .)
 GetPreferredSize(Size)	(Inherited from <a href="#">Control</a> .)
 GetScaledBounds(Rectangle, SizeF, BoundsSpecified)	(Inherited from <a href="#">Form</a> .)
 GetScrollState(Int32)	(Inherited from <a href="#">ScrollableControl</a> .)
 GetService(Type)	(Inherited from <a href="#">Component</a> .)
 GetStyle(ControlStyles)	(Inherited from <a href="#">Control</a> .)
 GetTopLevel()	(Inherited from <a href="#">Control</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 Hide()	(Inherited from <a href="#">Control</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 InitLayout()	(Inherited from <a href="#">Control</a> .)
 Invalidate()	(Inherited from <a href="#">Control</a> .)
 Invalidate(Boolean)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle, Boolean)	(Inherited from <a href="#">Control</a> .)

 Invalidate(Region)	(Inherited from <a href="#">Control.</a> )
 Invalidate(Region, Boolean)	(Inherited from <a href="#">Control.</a> )
 Invoke(Delegate)	(Inherited from <a href="#">Control.</a> )
 Invoke(Delegate, Object[])	(Inherited from <a href="#">Control.</a> )
 InvokeGotFocus(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokeLostFocus(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokeOnClick(Control, EventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokePaint(Control, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 InvokePaintBackground(Control, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 IsInputChar(Char)	(Inherited from <a href="#">Control.</a> )
 IsInputKey(Keys)	(Inherited from <a href="#">Control.</a> )
 LayoutMdi(MdiLayout)	(Inherited from <a href="#">Form.</a> )
 MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject.</a> )
 NotifyInvalidade(Rectangle)	(Inherited from <a href="#">Control.</a> )
 OnActivated(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnAutoSizeChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnAutoValidateChanged(EventArgs)	(Inherited from <a href="#">ContainerControl.</a> )
 OnBackColorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnBackgroundImageLayoutChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnCausesValidationChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnChangeUICues(UICuesEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnClick(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnClientSizeChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnClosed(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnClosing(CancelEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnContextMenuChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnContextMenuStripChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnControlAdded(ControlEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnControlRemoved(ControlEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnCreateControl()	(Inherited from <a href="#">Form.</a> )
























 OnCursorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDeactivate(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnDockChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDoubleClick(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDragDrop(DragEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDragEnter(DragEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDragLeave(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnDragOver(DragEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnEnabledChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnEnter(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnFontChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnForeColorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnFormClosed(FormClosedEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnFormClosing(FormClosingEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnGiveFeedback(GiveFeedbackEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnGotFocus(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnHandleCreated(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnHandleDestroyed(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnHelpButtonClicked(CancelEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnHelpRequested(HelpEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnImeModeChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnInputLanguageChanged(InputLanguageChangedEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnInputLanguageChanging(InputLanguageChangingEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnInvalidated(InvalidateEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnKeyDown(KeyEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnKeyPress(KeyPressEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnKeyUp(KeyEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnLayout(LayoutEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnLeave(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnLoad(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnLocationChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnLostFocus(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMarginChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )

 OnMaximizedBoundsChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMaximumSizeChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMdiChildActivate(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMenuComplete(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMenuStart(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMinimumSizeChanged(EventArgs)	(Inherited from <a href="#">Form.</a> )
 OnMouseCaptureChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseClicked(MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseDoubleClick(MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseDown(MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseEnter(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseHover(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseLeave(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseMove(MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseUp(MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnMouseWheel(MouseEventArgs)	(Inherited from <a href="#">ScrollableControl.</a> )
 OnMove(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnNotifyMessage(Message)	(Inherited from <a href="#">Control.</a> )
 OnPaddingChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl.</a> )
 OnPaint(PaintEventArgs)	(Inherited from <a href="#">Form.</a> )
 OnPaintBackground(PaintEventArgs)	(Inherited from <a href="#">ScrollableControl.</a> )
 OnParentBackColorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentChanged(EventArgs)	(Inherited from <a href="#">ContainerControl.</a> )
 OnParentCursorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentEnabledChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentFontChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentForeColorChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentRightToLeftChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnParentVisibleChanged(EventArgs)	(Inherited from <a href="#">Control.</a> )
 OnPreviewKeyDown(PreviewKeyDownEventArgs)	(Inherited from <a href="#">Control.</a> )
 OnPrint(PaintEventArgs)	(Inherited from <a href="#">Control.</a> )





 OnQueryContinueDrag(QueryContinueDragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnRegionChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnResize(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnResizeBegin(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnResizeEnd(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnRightToLeftChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnRightToLeftLayoutChanged(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnScroll(ScrollEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnShown(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnStyleChanged(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnSystemColorsChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTabIndexChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTabStopChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTextChanged(EventArgs)	(Inherited from <a href="#">Form</a> .)
 OnValidated(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnValidating(CancelEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnVisibleChanged(EventArgs)	(Inherited from <a href="#">Form</a> .)
 PerformAutoScale()	(Inherited from <a href="#">ContainerControl</a> .)
 PerformLayout()	(Inherited from <a href="#">Control</a> .)
 PerformLayout(Control, String)	(Inherited from <a href="#">Control</a> .)
 PointToClient(Point)	(Inherited from <a href="#">Control</a> .)
 PointToScreen(Point)	(Inherited from <a href="#">Control</a> .)
 PreProcessControlMessage(Message)	(Inherited from <a href="#">Control</a> .)
 PreProcessMessage(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessCmdKey(Message, Keys)	(Overrides <a href="#">Form.ProcessCmdKey(Message, Keys)</a> .)
 ProcessDialogChar(Char)	(Inherited from <a href="#">Form</a> .)
 ProcessDialogKey(Keys)	(Inherited from <a href="#">Form</a> .)
 ProcessKeyEventArgs(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessKeyMessage(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessKeyPreview(Message)	(Inherited from <a href="#">Form</a> .)
 ProcessMnemonic(Char)	(Inherited from <a href="#">Form</a> .)
 ProcessTabKey(Boolean)	(Inherited from <a href="#">Form</a> .)

 RaiseDragEvent(Object, DragEventArgs)	(Inherited from <a href="#">Control.</a> )
 RaiseKeyEvent(Object, KeyEventArgs)	(Inherited from <a href="#">Control.</a> )
 RaiseMouseEvent(Object, MouseEventArgs)	(Inherited from <a href="#">Control.</a> )
 RaisePaintEvent(Object, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 RecreateHandle()	(Inherited from <a href="#">Control.</a> )
 RectangleToClient(Rectangle)	(Inherited from <a href="#">Control.</a> )
 RectangleToScreen(Rectangle)	(Inherited from <a href="#">Control.</a> )
 Refresh()	(Inherited from <a href="#">Control.</a> )
 RemoveOwnedForm(Form)	(Inherited from <a href="#">Form.</a> )
 ResetMouseEventArgs()	(Inherited from <a href="#">Control.</a> )
 ResetText()	(Inherited from <a href="#">Control.</a> )
 ResumeLayout()	(Inherited from <a href="#">Control.</a> )
 ResumeLayout(Boolean)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(ContentAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(HorizontalAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(LeftRightAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateContent(ContentAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateHorizontal(HorizontalAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateLeftRight(LeftRightAlignment)	(Inherited from <a href="#">Control.</a> )
 Scale(SizeF)	(Inherited from <a href="#">Control.</a> )
 ScaleControl(SizeF, BoundsSpecified)	(Inherited from <a href="#">Form.</a> )
 ScrollControlIntoView(Control)	(Inherited from <a href="#">ScrollableControl.</a> )
 ScrollToControl(Control)	(Inherited from <a href="#">ScrollableControl.</a> )
 Select()	(Inherited from <a href="#">Control.</a> )
 Select(Boolean, Boolean)	(Inherited from <a href="#">Form.</a> )
 SelectNextControl(Control, Boolean, Boolean, Boolean, Boolean)	(Inherited from <a href="#">Control.</a> )
 SendToBack()	(Inherited from <a href="#">Control.</a> )
 SetAutoScrollMargin(Int32, Int32)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetAutoSizeMode(AutoSizeMode)	(Inherited from <a href="#">Control.</a> )
 SetBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 SetBounds(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control.</a> )
 SetBoundsCore(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Form.</a> )





























 SetClientSizeCore(Int32, Int32)	(Inherited from <a href="#">Form.</a> )
 SetDesktopBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Form.</a> )
 SetDesktopLocation(Int32, Int32)	(Inherited from <a href="#">Form.</a> )
 SetDisplayRectLocation(Int32, Int32)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetScrollState(Int32, Boolean)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetStyle(ControlStyles, Boolean)	(Inherited from <a href="#">Control.</a> )
 SetTopLevel(Boolean)	(Inherited from <a href="#">Control.</a> )
 SetVisibleCore(Boolean)	(Inherited from <a href="#">Form.</a> )
 Show()	(Inherited from <a href="#">Control.</a> )
 Show(IWin32Window)	(Inherited from <a href="#">Form.</a> )
 ShowDialog()	(Inherited from <a href="#">Form.</a> )
 ShowDialog(IWin32Window)	(Inherited from <a href="#">Form.</a> )
 SizeFromClientSize(Size)	(Inherited from <a href="#">Control.</a> )
 SuspendLayout()	(Inherited from <a href="#">Control.</a> )
 ToString()	(Inherited from <a href="#">Form.</a> )
 Update()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds()	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateBounds(Int32, Int32, Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 UpdateDefaultButton()	(Inherited from <a href="#">Form.</a> )
 UpdateStyles()	(Inherited from <a href="#">Control.</a> )
 UpdateZOrder()	(Inherited from <a href="#">Control.</a> )
 Validate()	(Inherited from <a href="#">ContainerControl.</a> )
 Validate(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
 ValidateChildren()	(Inherited from <a href="#">Form.</a> )
 ValidateChildren(ValidationConstraints)	(Inherited from <a href="#">Form.</a> )
 WndProc(Message)	(Inherited from <a href="#">Form.</a> )

#### Events







Name	Description
 Activated	(Inherited from <a href="#">Form.</a> )
 AutoSizeChanged	(Inherited from <a href="#">Form.</a> )
 AutoValidateChanged	(Inherited from <a href="#">Form.</a> )
 BackColorChanged	(Inherited from <a href="#">Control.</a> )

 BackgroundImageChanged	(Inherited from <a href="#">Control</a> .)
 BackgroundImageLayoutChanged	(Inherited from <a href="#">Control</a> .)
 BindingContextChanged	(Inherited from <a href="#">Control</a> .)
 CausesValidationChanged	(Inherited from <a href="#">Control</a> .)
 ChangeUICues	(Inherited from <a href="#">Control</a> .)
 Click	(Inherited from <a href="#">Control</a> .)
 ClientSizeChanged	(Inherited from <a href="#">Control</a> .)
 ContextMenuChanged	(Inherited from <a href="#">Control</a> .)
 ContextMenuStripChanged	(Inherited from <a href="#">Control</a> .)
 ControlAdded	(Inherited from <a href="#">Control</a> .)
 ControlRemoved	(Inherited from <a href="#">Control</a> .)
 CursorChanged	(Inherited from <a href="#">Control</a> .)
 Deactivate	(Inherited from <a href="#">Form</a> .)
 Disposed	(Inherited from <a href="#">Component</a> .)
 DockChanged	(Inherited from <a href="#">Control</a> .)
 DoubleClick	(Inherited from <a href="#">Control</a> .)
 DragDrop	(Inherited from <a href="#">Control</a> .)
 DragEnter	(Inherited from <a href="#">Control</a> .)
 DragLeave	(Inherited from <a href="#">Control</a> .)
 DragOver	(Inherited from <a href="#">Control</a> .)
 EnabledChanged	(Inherited from <a href="#">Control</a> .)
 Enter	(Inherited from <a href="#">Control</a> .)
 FontChanged	(Inherited from <a href="#">Control</a> .)
 ForeColorChanged	(Inherited from <a href="#">Control</a> .)
 FormClosed	(Inherited from <a href="#">Form</a> .)
 FormClosing	(Inherited from <a href="#">Form</a> .)
 GiveFeedback	(Inherited from <a href="#">Control</a> .)
 GotFocus	(Inherited from <a href="#">Control</a> .)
 HandleCreated	(Inherited from <a href="#">Control</a> .)
 HandleDestroyed	(Inherited from <a href="#">Control</a> .)
 HelpButtonClicked	(Inherited from <a href="#">Form</a> .)
 HelpRequested	(Inherited from <a href="#">Control</a> .)
 ImeModeChanged	(Inherited from <a href="#">Control</a> .)

 InputLanguageChanged	(Inherited from <a href="#">Form.</a> )
 InputLanguageChanging	(Inherited from <a href="#">Form.</a> )
 Invalidated	(Inherited from <a href="#">Control.</a> )
 KeyDown	(Inherited from <a href="#">Control.</a> )
 KeyPress	(Inherited from <a href="#">Control.</a> )
 KeyUp	(Inherited from <a href="#">Control.</a> )
 Layout	(Inherited from <a href="#">Control.</a> )
 Leave	(Inherited from <a href="#">Control.</a> )
 Load	(Inherited from <a href="#">Form.</a> )
 LocationChanged	(Inherited from <a href="#">Control.</a> )
 LostFocus	(Inherited from <a href="#">Control.</a> )
 MarginChanged	(Inherited from <a href="#">Control.</a> )
 MaximizedBoundsChanged	(Inherited from <a href="#">Form.</a> )
 MaximumSizeChanged	(Inherited from <a href="#">Form.</a> )
 MdiChildActivate	(Inherited from <a href="#">Form.</a> )
 MenuComplete	(Inherited from <a href="#">Form.</a> )
 MenuStart	(Inherited from <a href="#">Form.</a> )
 MinimumSizeChanged	(Inherited from <a href="#">Form.</a> )
 MouseCaptureChanged	(Inherited from <a href="#">Control.</a> )
 MouseClick	(Inherited from <a href="#">Control.</a> )
 MouseDoubleClick	(Inherited from <a href="#">Control.</a> )
 MouseDown	(Inherited from <a href="#">Control.</a> )
 MouseEnter	(Inherited from <a href="#">Control.</a> )
 MouseHover	(Inherited from <a href="#">Control.</a> )
 MouseLeave	(Inherited from <a href="#">Control.</a> )
 MouseMove	(Inherited from <a href="#">Control.</a> )
 MouseUp	(Inherited from <a href="#">Control.</a> )
 MouseWheel	(Inherited from <a href="#">Control.</a> )
 Move	(Inherited from <a href="#">Control.</a> )
 PaddingChanged	(Inherited from <a href="#">Control.</a> )
 Paint	(Inherited from <a href="#">Control.</a> )
 ParentChanged	(Inherited from <a href="#">Control.</a> )
 PreviewKeyDown	(Inherited from <a href="#">Control.</a> )

 <a href="#">QueryAccessibilityHelp</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">QueryContinueDrag</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">RegionChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Resize</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">ResizeBegin</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">ResizeEnd</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">RightToLeftChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">RightToLeftLayoutChanged</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">Scroll</a>	(Inherited from <a href="#">ScrollableControl</a> .)
 <a href="#">Shown</a>	(Inherited from <a href="#">Form</a> .)
 <a href="#">SizeChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">StyleChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">SystemColorsChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">TabIndexChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">TabStopChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">TextChanged</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Validated</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Validating</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">VisibleChanged</a>	(Inherited from <a href="#">Control</a> .)

#### Explicit Interface Implementations

 <b>Name</b>	<b>Description</b>
 <a href="#">IContainerControl.ActivateControl(Control)</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">IDropTarget.OnDragDrop(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">IDropTarget.OnDragEnter(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">IDropTarget.OnDragLeave(EventArgs)</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">IDropTarget.OnDragOver(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# MessageDialog Members

Represents the message dialog.











The following tables list the members exposed by the [MessageDialog](#) type.

## Public Constructors

Name	Description
<a href="#">MessageDialog</a>	Overloaded. Creates a new instance of the <a href="#">MessageDialog</a> class.













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## Protected Fields

	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

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## Public Properties (see also [Protected Properties](#))





	Name	Description
	<a href="#">AcceptButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
 	<a href="#">ActiveForm</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ActiveMdiChild</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AllowTransparency</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScale</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">AutoScaleBaseSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Form</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CancelButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
























	CausesValidation	(inherited from <a href="#">Control</a> )
 	CheckForIllegalCrossThreadCalls	(inherited from <a href="#">Control</a> )
	CheckState	Gets a value that determines if the check has been selected.
	ClientRectangle	(inherited from <a href="#">Control</a> )
	ClientSize	(inherited from <a href="#">Form</a> )
	CompanyName	(inherited from <a href="#">Control</a> )
	Container	(inherited from <a href="#">Component</a> )
	ContainsFocus	(inherited from <a href="#">Control</a> )
	ContextMenu	(inherited from <a href="#">Control</a> )
	ContextMenuStrip	(inherited from <a href="#">Control</a> )
	ControlBox	(inherited from <a href="#">Form</a> )
	Controls	(inherited from <a href="#">Control</a> )
	Created	(inherited from <a href="#">Control</a> )
	CurrentAutoScaleDimensions	(inherited from <a href="#">ContainerControl</a> )
	Cursor	(inherited from <a href="#">Control</a> )
	DataBindings	(inherited from <a href="#">Control</a> )
 	DefaultBackColor	(inherited from <a href="#">Control</a> )
 	DefaultFont	(inherited from <a href="#">Control</a> )
 	DefaultForeColor	(inherited from <a href="#">Control</a> )
	DesktopBounds	(inherited from <a href="#">Form</a> )
	DesktopLocation	(inherited from <a href="#">Form</a> )
	DialogResult	(inherited from <a href="#">Form</a> )
	DisplayRectangle	(inherited from <a href="#">ScrollableControl</a> )
	Disposing	(inherited from <a href="#">Control</a> )
	Dock	(inherited from <a href="#">Control</a> )
	DockPadding	(inherited from <a href="#">ScrollableControl</a> )
	Enabled	(inherited from <a href="#">Control</a> )
	Focused	(inherited from <a href="#">Control</a> )
	Font	(inherited from <a href="#">Control</a> )
	ForeColor	(inherited from <a href="#">Control</a> )
	FormBorderStyle	(inherited from <a href="#">Form</a> )
	Handle	(inherited from <a href="#">Control</a> )
	HasChildren	(inherited from <a href="#">Control</a> )
	Height	(inherited from <a href="#">Control</a> )
	HelpButton	(inherited from <a href="#">Form</a> )
	HorizontalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Icon	(inherited from <a href="#">Form</a> )
	ImeMode	(inherited from <a href="#">Control</a> )
	InvokeRequired	(inherited from <a href="#">Control</a> )
	IsAccessible	(inherited from <a href="#">Control</a> )
	IsDisposed	(inherited from <a href="#">Control</a> )
	IsHandleCreated	(inherited from <a href="#">Control</a> )
	IsMdiChild	(inherited from <a href="#">Form</a> )
	IsMdiContainer	(inherited from <a href="#">Form</a> )
	IsMirrored	(inherited from <a href="#">Control</a> )
	IsRestrictedWindow	(inherited from <a href="#">Form</a> )
	KeyPreview	(inherited from <a href="#">Form</a> )
	LayoutEngine	(inherited from <a href="#">Control</a> )
	Left	(inherited from <a href="#">Control</a> )
	Location	(inherited from <a href="#">Form</a> )
	MainMenuStrip	(inherited from <a href="#">Form</a> )
	Margin	(inherited from <a href="#">Form</a> )
	MaximizeBox	(inherited from <a href="#">Form</a> )
	MaximumSize	(inherited from <a href="#">Form</a> )

	<a href="#">MdiChildren</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MdiParent</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Menu</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MergedMenu</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MinimizeBox</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MinimumSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Modal</a>	(inherited from <a href="#">Form</a> )
 	<a href="#">ModifierKeys</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MouseButtons</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MousePosition</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Opacity</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OwnedForms</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Owner</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Padding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Parent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentForm</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductVersion</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreatingHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Region</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RestoreBounds</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Right</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeftLayout</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ShowIcon</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ShowInTaskbar</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Size</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SizeGripStyle</a>	(inherited from <a href="#">Form</a> )
	<a href="#">StartPosition</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TabIndex</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TabStop</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Tag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Text</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Top</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TopLevel</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TopLevelControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TopMost</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TransparencyKey</a>	(inherited from <a href="#">Form</a> )
	<a href="#">UseWaitCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VerticalScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Visible</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Width</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WindowState</a>	(inherited from <a href="#">Form</a> )
	<a href="#">WindowTarget</a>	(inherited from <a href="#">Control</a> )

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#### Protected Properties

	<b>Name</b>	<b>Description</b>
	<a href="#">AutoScaleFactor</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CanEnableIme</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateParams</a>	(inherited from <a href="#">Form</a> )

	<a href="#">DefaultCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultImeMode</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DefaultMargin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMinimumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultPadding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DoubleBuffered</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FontHeight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeModeBase</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MaximizedBounds</a>	(inherited from <a href="#">Form</a> )
	 <a href="#">PropagatingImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RenderRightToLeft</a>	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	<a href="#">ResizeRedraw</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowFocusCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowKeyboardCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowWithoutActivation</a>	(inherited from <a href="#">Form</a> )
	<a href="#">VScroll</a>	(inherited from <a href="#">ScrollableControl</a> )

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Public Methods (see also [Protected Methods](#))

	<b>Name</b>	<b>Description</b>
	<a href="#">Activate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AddOwnedForm</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AdjustControls</a>	Adjusts the controls on the message dialog.
	<a href="#">BeginInvoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">BringToFront</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Close</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Contains</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateGraphics</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">DoDragDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DrawToBitmap</a>	(inherited from <a href="#">Control</a> )
	<a href="#">EndInvoke</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FindForm</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focus</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">GetAutoScaleSize</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )


























































































	Invalidate	Overloaded. (inherited from <a href="#">Control</a> )
	Invoke	Overloaded. (inherited from <a href="#">Control</a> )
	IsKeyLocked	(inherited from <a href="#">Control</a> )
	IsMnemonic	(inherited from <a href="#">Control</a> )
	LayoutMdi	(inherited from <a href="#">Form</a> )
	PerformAutoScale	(inherited from <a href="#">ContainerControl</a> )
	PerformLayout	Overloaded. (inherited from <a href="#">Control</a> )
	PointToClient	(inherited from <a href="#">Control</a> )
	PointToScreen	(inherited from <a href="#">Control</a> )
	PreProcessControlMessage	(inherited from <a href="#">Control</a> )
	PreProcessMessage	(inherited from <a href="#">Control</a> )
	RectangleToClient	(inherited from <a href="#">Control</a> )
	RectangleToScreen	(inherited from <a href="#">Control</a> )
	ReferenceEquals	(inherited from <a href="#">Object</a> )
	Refresh	(inherited from <a href="#">Control</a> )
	RemoveOwnedForm	(inherited from <a href="#">Form</a> )
	ResetBackColor	(inherited from <a href="#">Control</a> )
	ResetBindings	(inherited from <a href="#">Control</a> )
	ResetCursor	(inherited from <a href="#">Control</a> )
	ResetFont	(inherited from <a href="#">Control</a> )
	ResetForeColor	(inherited from <a href="#">Control</a> )
	ResetImeMode	(inherited from <a href="#">Control</a> )
	ResetRightToLeft	(inherited from <a href="#">Control</a> )
	ResetText	(inherited from <a href="#">Control</a> )
	ResumeLayout	Overloaded. (inherited from <a href="#">Control</a> )
	Scale	Overloaded. (inherited from <a href="#">Control</a> )
	ScrollControlIntoView	(inherited from <a href="#">ScrollableControl</a> )
	Select	Overloaded. (inherited from <a href="#">Form</a> )
	SelectNextControl	(inherited from <a href="#">Control</a> )
	SendToBack	(inherited from <a href="#">Control</a> )
	SetAutoScrollMargin	(inherited from <a href="#">ScrollableControl</a> )
	SetBounds	Overloaded. (inherited from <a href="#">Control</a> )
	SetDesktopBounds	(inherited from <a href="#">Form</a> )
	SetDesktopLocation	(inherited from <a href="#">Form</a> )
	Show	Overloaded. (inherited from <a href="#">Form</a> )
	ShowDialog	Overloaded. (inherited from <a href="#">Form</a> )
	SuspendLayout	(inherited from <a href="#">Control</a> )
	ToString	(inherited from <a href="#">Form</a> )
	Update	(inherited from <a href="#">Control</a> )
	Validate	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	ValidateChildren	Overloaded. (inherited from <a href="#">Form</a> )














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#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ActivateMdiChild</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ApplyAutoScaling</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">CenterToParent</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CenterToScreen</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Form</a> )

	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetAccessibilityObjectById</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScaledBounds</a>	(inherited from <a href="#">Form</a> )
	<a href="#">GetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeGotFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeLostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeOnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaintBackground</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputChar</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputKey</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">NotifyInvalidate</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnActivated</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnAutoSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoValidateChanged</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">OnBackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnBackgroundImageLayoutChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnBindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClosed</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnClosing</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlAdded</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlRemoved</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCreateControl</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnCursorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDeactivate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnDockChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDoubleClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDragDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDragEnter</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDragLeave</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnDragOver</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnEnabledChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnEnter</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnFontChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnForeColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnFormClosed</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnFormClosing</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OnGiveFeedback</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnGotFocus</a>	(inherited from <a href="#">Control</a> )

	OnHandleCreated	(inherited from <a href="#">Form</a> )
	OnHandleDestroyed	(inherited from <a href="#">Form</a> )
	OnHelpButtonClicked	(inherited from <a href="#">Form</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInputLanguageChanged	(inherited from <a href="#">Form</a> )
	OnInputLanguageChanging	(inherited from <a href="#">Form</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">Form</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">Form</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMaximizedBoundsChanged	(inherited from <a href="#">Form</a> )
	OnMaximumSizeChanged	(inherited from <a href="#">Form</a> )
	OnMdiChildActivate	(inherited from <a href="#">Form</a> )
	OnMenuComplete	(inherited from <a href="#">Form</a> )
	OnMenuStart	(inherited from <a href="#">Form</a> )
	OnMinimumSizeChanged	(inherited from <a href="#">Form</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">Control</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Form</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">Form</a> )
	OnResizeBegin	(inherited from <a href="#">Form</a> )





































	OnResizeEnd	(inherited from <a href="#">Form</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnRightToLeftLayoutChanged	(inherited from <a href="#">Form</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnShown	(inherited from <a href="#">Form</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Form</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Form</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">Form</a> )
	ProcessCmdKey	(inherited from <a href="#">Form</a> )
	ProcessDialogChar	(inherited from <a href="#">Form</a> )
	ProcessDialogKey	(inherited from <a href="#">Form</a> )
	ProcessKeyEventArgs	(inherited from <a href="#">Control</a> )
	ProcessKeyMessage	(inherited from <a href="#">Control</a> )
	ProcessKeyPreview	(inherited from <a href="#">Form</a> )
	ProcessMnemonic	(inherited from <a href="#">Form</a> )
	ProcessTabKey	(inherited from <a href="#">Form</a> )
	RaiseDragEvent	(inherited from <a href="#">Control</a> )
	RaiseKeyEvent	(inherited from <a href="#">Control</a> )
	RaiseMouseEvent	(inherited from <a href="#">Control</a> )
	RaisePaintEvent	(inherited from <a href="#">Control</a> )
	RecreateHandle	(inherited from <a href="#">Control</a> )
 	ReflectMessage	(inherited from <a href="#">Control</a> )
	ResetMouseEventArgs	(inherited from <a href="#">Control</a> )
	RtlTranslateAlignment	Overloaded. (inherited from <a href="#">Control</a> )
	RtlTranslateContent	(inherited from <a href="#">Control</a> )
	RtlTranslateHorizontal	(inherited from <a href="#">Control</a> )
	RtlTranslateLeftRight	(inherited from <a href="#">Control</a> )
	ScaleControl	(inherited from <a href="#">Form</a> )
	ScaleCore	(inherited from <a href="#">Form</a> )
	ScrollToControl	(inherited from <a href="#">ScrollableControl</a> )
	Select	Overloaded. (inherited from <a href="#">Form</a> )
	SetAutoSizeMode	(inherited from <a href="#">Control</a> )
	SetBoundsCore	(inherited from <a href="#">Form</a> )
	SetClientSizeCore	(inherited from <a href="#">Form</a> )
	SetDisplayRectLocation	(inherited from <a href="#">ScrollableControl</a> )
	SetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	SetStyle	(inherited from <a href="#">Control</a> )
	SetTopLevel	(inherited from <a href="#">Control</a> )
	SetVisibleCore	(inherited from <a href="#">Form</a> )
	SizeFromClientSize	(inherited from <a href="#">Control</a> )
	UpdateBounds	Overloaded. (inherited from <a href="#">Control</a> )
	UpdateDefaultButton	(inherited from <a href="#">Form</a> )
	UpdateStyles	(inherited from <a href="#">Control</a> )
	UpdateZOrder	(inherited from <a href="#">Control</a> )
	WndProc	(inherited from <a href="#">Form</a> )

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Public Events

Name	Description
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⚡	Activated	(inherited from <a href="#">Form</a> )
⚡	AutoSizeChanged	(inherited from <a href="#">Form</a> )
⚡	AutoValidateChanged	(inherited from <a href="#">Form</a> )
⚡	BackColorChanged	(inherited from <a href="#">Control</a> )
⚡	BackgroundImageChanged	(inherited from <a href="#">Control</a> )
⚡	BackgroundImageLayoutChanged	(inherited from <a href="#">Control</a> )
⚡	BindingContextChanged	(inherited from <a href="#">Control</a> )
⚡	CausesValidationChanged	(inherited from <a href="#">Control</a> )
⚡	ChangeUICues	(inherited from <a href="#">Control</a> )
⚡	Click	(inherited from <a href="#">Control</a> )
⚡	ClientSizeChanged	(inherited from <a href="#">Control</a> )
⚡	Closed	(inherited from <a href="#">Form</a> )
⚡	Closing	(inherited from <a href="#">Form</a> )
⚡	ContextMenuChanged	(inherited from <a href="#">Control</a> )
⚡	ContextMenuStripChanged	(inherited from <a href="#">Control</a> )
⚡	ControlAdded	(inherited from <a href="#">Control</a> )
⚡	ControlRemoved	(inherited from <a href="#">Control</a> )
⚡	CursorChanged	(inherited from <a href="#">Control</a> )
⚡	Deactivate	(inherited from <a href="#">Form</a> )
⚡	Disposed	(inherited from <a href="#">Component</a> )
⚡	DockChanged	(inherited from <a href="#">Control</a> )
⚡	DoubleClick	(inherited from <a href="#">Control</a> )
⚡	DragDrop	(inherited from <a href="#">Control</a> )
⚡	DragEnter	(inherited from <a href="#">Control</a> )
⚡	DragLeave	(inherited from <a href="#">Control</a> )
⚡	DragOver	(inherited from <a href="#">Control</a> )
⚡	EnabledChanged	(inherited from <a href="#">Control</a> )
⚡	Enter	(inherited from <a href="#">Control</a> )
⚡	FontChanged	(inherited from <a href="#">Control</a> )
⚡	ForeColorChanged	(inherited from <a href="#">Control</a> )
⚡	FormClosed	(inherited from <a href="#">Form</a> )
⚡	FormClosing	(inherited from <a href="#">Form</a> )
⚡	GiveFeedback	(inherited from <a href="#">Control</a> )
⚡	GotFocus	(inherited from <a href="#">Control</a> )
⚡	HandleCreated	(inherited from <a href="#">Control</a> )
⚡	HandleDestroyed	(inherited from <a href="#">Control</a> )
⚡	HelpButtonClicked	(inherited from <a href="#">Form</a> )
⚡	HelpRequested	(inherited from <a href="#">Control</a> )
⚡	ImeModeChanged	(inherited from <a href="#">Control</a> )
⚡	InputLanguageChanged	(inherited from <a href="#">Form</a> )
⚡	InputLanguageChanging	(inherited from <a href="#">Form</a> )
⚡	Invalidated	(inherited from <a href="#">Control</a> )
⚡	KeyDown	(inherited from <a href="#">Control</a> )
⚡	KeyPress	(inherited from <a href="#">Control</a> )
⚡	KeyUp	(inherited from <a href="#">Control</a> )
⚡	Layout	(inherited from <a href="#">Control</a> )
⚡	Leave	(inherited from <a href="#">Control</a> )
⚡	Load	(inherited from <a href="#">Form</a> )
⚡	LocationChanged	(inherited from <a href="#">Control</a> )
⚡	LostFocus	(inherited from <a href="#">Control</a> )
⚡	MarginChanged	(inherited from <a href="#">Form</a> )
⚡	MaximizedBoundsChanged	(inherited from <a href="#">Form</a> )
⚡	MaximumSizeChanged	(inherited from <a href="#">Form</a> )
⚡	MdiChildActivate	(inherited from <a href="#">Form</a> )

 <a href="#">MenuComplete</a>	(inherited from <a href="#">Form</a> )
 <a href="#">MenuStart</a>	(inherited from <a href="#">Form</a> )
 <a href="#">MinimumSizeChanged</a>	(inherited from <a href="#">Form</a> )
 <a href="#">MouseCaptureChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseClicked</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseDoubleClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseEnter</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseHover</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseLeave</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseMove</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseUp</a>	(inherited from <a href="#">Control</a> )
 <a href="#">MouseWheel</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Move</a>	(inherited from <a href="#">Control</a> )
 <a href="#">PaddingChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Paint</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ParentChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">PreviewKeyDown</a>	(inherited from <a href="#">Control</a> )
 <a href="#">QueryAccessibilityHelp</a>	(inherited from <a href="#">Control</a> )
 <a href="#">QueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
 <a href="#">RegionChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Resize</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ResizeBegin</a>	(inherited from <a href="#">Form</a> )
 <a href="#">ResizeEnd</a>	(inherited from <a href="#">Form</a> )
 <a href="#">RightToLeftChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">RightToLeftLayoutChanged</a>	(inherited from <a href="#">Form</a> )
 <a href="#">Scroll</a>	(inherited from <a href="#">ScrollableControl</a> )
 <a href="#">Shown</a>	(inherited from <a href="#">Form</a> )
 <a href="#">SizeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">StyleChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">SystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">TabIndexChanged</a>	(inherited from <a href="#">Form</a> )
 <a href="#">TabStopChanged</a>	(inherited from <a href="#">Form</a> )
 <a href="#">TextChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Validated</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
 <a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

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#### Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

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See Also











#### Reference

[MessageBox Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog Fields

Protected Fields

	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

Reference

- [MessageDialog Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# MessageDialog Constructor

Creates a new instance of the [MessageDialog](#) class.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

Name	Description
 <a href="#">MessageDialog(String, String, String, String, MessageBoxIcon, Boolean, String)</a>	Creates a new instance of the <a href="#">MessageDialog</a> using the specified parameters.
 <a href="#">MessageDialog(String, String, String, String, MessageBoxIcon, Boolean, String, Int32)</a>	Creates a new instance of the <a href="#">MessageDialog</a> class, using the specified parameters.

See Also

[MessageDialog Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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**MessageDialog Constructor (String, String, String, String, MessageBoxIcon, Boolean, String)**

Creates a new instance of the [MessageDialog](#) using the specified parameters.

Syntax

C#

```
public MessageDialog(  
    string messageText,  
    string captionText,  
    string okText,  
    string cancelText,  
    MessageBoxIcon iconStyle,  
    bool showCheck,  
    string showCheckText  
)
```

C++

```
public:  
MessageDialog(  
    String^ messageText,  
    String^ captionText,  
    String^ okText,  
    String^ cancelText,  
    MessageBoxIcon iconStyle,  
    bool showCheck,  
    String^ showCheckText  
)
```

F#

```
new :  
    messageText:string *  
    captionText:string *  
    okText:string *  
    cancelText:string *  
    iconStyle:MessageBoxIcon *  
    showCheck:bool *  
    showCheckText:string -> MessageDialog
```

VB



```
Public Sub New (  
    messageText As String,  
    captionText As String,  
    okText As String,  
    cancelText As String,  
    iconStyle As MessageBoxIcon,  
    showCheck As Boolean,  
    showCheckText As String  
)
```

#### Parameters

*messageText*

Type: [System.String](#)

The message text.

*captionText*

Type: [System.String](#)

The caption text.

*okText*

Type: [System.String](#)

The OK text.

*cancelText*

Type: [System.String](#)

The cancel text.

*iconStyle*

Type: [System.Windows.Forms.MessageBoxIcon](#)

The style of icon.

*showCheck*

Type: [System.Boolean](#)

**True** to show the check; otherwise, **false**.

*showCheckText*

Type: [System.String](#)

**True** to show the check text; otherwise, **false**.

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**MessageBoxDialog Constructor (String, String, String, String, MessageBoxIcon, Boolean, String, Int32)**

Creates a new instance of the [MessageBoxDialog](#) class, using the specified parameters.

Syntax

C#

```
public MessageBoxDialog(  
    string messageText,  
    string captionText,  
    string okText,  
    string cancelText,  
    MessageBoxIcon iconStyle,  
    bool showCheck,  
    string showCheckText,  
    int extraHeight  
)
```

C++

```
public:  
    MessageBoxDialog(  
        String^ messageText,  
        String^ captionText,  
        String^ okText,  
        String^ cancelText,  
        MessageBoxIcon iconStyle,  
        bool showCheck,
```

```
String^ showCheckText,  
int extraHeight  
)
```

F#

```
new :  
    messageText:string *  
    captionText:string *  
    okText:string *  
    cancelText:string *  
    iconStyle:MessageBoxIcon *  
    showCheck:bool *  
    showCheckText:string *  
    extraHeight:int -> MessageDialog
```

VB

```
Public Sub New (  
    messageText As String,  
    captionText As String,  
    okText As String,  
    cancelText As String,  
    iconStyle As MessageBoxIcon,  
    showCheck As Boolean,  
    showCheckText As String,  
    extraHeight As Integer  
)
```

#### Parameters

*messageText*

Type: [System.String](#)

The message text.

*captionText*

Type: [System.String](#)

The caption text.

*okText*

Type: [System.String](#)

The OK text.

*cancelText*

Type: [System.String](#)

The cancel text.

*iconStyle*

Type: [System.Windows.Forms.MessageBoxIcon](#)

The style of icon.

*showCheck*

Type: [System.Boolean](#)

**True** to show the check; otherwise, **false**.

*showCheckText*

Type: [System.String](#)

The check text.

*extraHeight*

Type: [System.Int32](#)

Extra height to add.

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# MessageDialog Constructor (String, String, String, String, MessageBoxIcon, Boolean, String)

Creates a new instance of the [MessageDialog](#) using the specified parameters.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    messageText As String, _
    captionText As String, _
    okText As String, _
    cancelText As String, _
    iconStyle As MessageBoxIcon, _
    showCheck As Boolean, _
    showCheckText As String _
)
```

C#

```
public MessageDialog (
    string messageText,
    string captionText,
    string okText,
    string cancelText,
    MessageBoxIcon iconStyle,
    bool showCheck,
    string showCheckText
)
```

C++

```
public:
    MessageDialog (
        String^ messageText,
        String^ captionText,
        String^ okText,
        String^ cancelText,
        MessageBoxIcon iconStyle,
        bool showCheck,
        String^ showCheckText
    )
```

J#

```
public MessageDialog (
    String messageText,
    String captionText,
    String okText,
    String cancelText,
    MessageBoxIcon iconStyle,
    boolean showCheck,
    String showCheckText
)
```

JScript

```
public function MessageDialog (
    messageText : String,
    captionText : String,
```

```
    okText : String,  
    cancelText : String,  
    iconStyle : MessageBoxIcon,  
    showCheck : boolean,  
    showCheckText : String  
)
```

#### Parameters

messageText

The message text.

captionText

The caption text.

okText

The OK text.

cancelText

The cancel text.

iconStyle

The style of icon.

showCheck

**True** to show the check; otherwise, **false**.

showCheckText

**True** to show the check text; otherwise, **false**.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MessageDialog Class](#)

[MessageDialog Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog Constructor (String, String, String, String, MessageBoxIcon, Boolean, String, Int32)

Creates a new instance of the [MessageDialog](#) class, using the specified parameters.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    messageText As String, _
    captionText As String, _
    okText As String, _
    cancelText As String, _
    iconStyle As MessageBoxIcon, _
    showCheck As Boolean, _
    showCheckText As String, _
    extraHeight As Integer _
)
```

C#

```
public MessageDialog (
    string messageText,
    string captionText,
    string okText,
    string cancelText,
    MessageBoxIcon iconStyle,
    bool showCheck,
    string showCheckText,
    int extraHeight
)
```

C++

```
public:
MessageDialog (
    String^ messageText,
    String^ captionText,
    String^ okText,
    String^ cancelText,
    MessageBoxIcon iconStyle,
    bool showCheck,
    String^ showCheckText,
    int extraHeight
)
```

J#

```
public MessageDialog (
    String messageText,
    String captionText,
    String okText,
    String cancelText,
    MessageBoxIcon iconStyle,
    boolean showCheck,
    String showCheckText,
    int extraHeight
)
```

```
public function MessageDialog (  
    messageText : String,  
    captionText : String,  
    okText : String,  
    cancelText : String,  
    iconStyle : MessageBoxIcon,  
    showCheck : boolean,  
    showCheckText : String,  
    extraHeight : int  
)
```

#### Parameters

messageText

The message text.

captionText

The caption text.

okText

The OK text.

cancelText

The cancel text.

iconStyle

The style of icon.

showCheck

**True** to show the check; otherwise, **false**.

showCheckText

The check text.

extraHeight

Extra height to add.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference




















































[MessageDialog Class](#)






















[MessageDialog Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)







# MessageDialog Methods

Public Methods (see also [Protected Methods](#))


















































	Name	Description
	<a href="#">Activate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AddOwnedForm</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AdjustControls</a>	Adjusts the controls on the message dialog.
	<a href="#">BeginInvoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">BringToFront</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Close</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Contains</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateGraphics</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">DoDragDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DrawToBitmap</a>	(inherited from <a href="#">Control</a> )
	<a href="#">EndInvoke</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FindForm</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focus</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">GetAutoScaleSize</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	 <a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">LayoutMdi</a>	(inherited from <a href="#">Form</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RemoveOwnedForm</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )

















































	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">Form</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">SetDesktopBounds</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SetDesktopLocation</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Show</a>	Overloaded. (inherited from <a href="#">Form</a> )
	<a href="#">ShowDialog</a>	Overloaded. (inherited from <a href="#">Form</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">Form</a> )
































#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ActivateMdiChild</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ApplyAutoScaling</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">CenterToParent</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CenterToScreen</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetAccessibilityObjectById</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScaledBounds</a>	(inherited from <a href="#">Form</a> )
	<a href="#">GetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeGotFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeLostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeOnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaintBackground</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputChar</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputKey</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">NotifyInvalidated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnActivated</a>	(inherited from <a href="#">Form</a> )



	OnAutoSizeChanged	(inherited from <a href="#">Control</a> )
	OnAutoValidateChanged	(inherited from <a href="#">ContainerControl</a> )
	OnBackColorChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageChanged	(inherited from <a href="#">Form</a> )
	OnBackgroundImageLayoutChanged	(inherited from <a href="#">Form</a> )
	OnBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnCausesValidationChanged	(inherited from <a href="#">Control</a> )
	OnChangeUICues	(inherited from <a href="#">Control</a> )
	OnClick	(inherited from <a href="#">Control</a> )
	OnClientSizeChanged	(inherited from <a href="#">Control</a> )
	OnClosed	(inherited from <a href="#">Form</a> )
	OnClosing	(inherited from <a href="#">Form</a> )
	OnContextMenuChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuStripChanged	(inherited from <a href="#">Control</a> )
	OnControlAdded	(inherited from <a href="#">Control</a> )
	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">Form</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDeactivate	(inherited from <a href="#">Form</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Form</a> )
	OnEnter	(inherited from <a href="#">Form</a> )
	OnFontChanged	(inherited from <a href="#">Form</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnFormClosed	(inherited from <a href="#">Form</a> )
	OnFormClosing	(inherited from <a href="#">Form</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Form</a> )
	OnHandleDestroyed	(inherited from <a href="#">Form</a> )
	OnHelpButtonClicked	(inherited from <a href="#">Form</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInputLanguageChanged	(inherited from <a href="#">Form</a> )
	OnInputLanguageChanging	(inherited from <a href="#">Form</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">Form</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">Form</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMaximizedBoundsChanged	(inherited from <a href="#">Form</a> )
	OnMaximumSizeChanged	(inherited from <a href="#">Form</a> )
	OnMdiChildActivate	(inherited from <a href="#">Form</a> )
	OnMenuComplete	(inherited from <a href="#">Form</a> )

	OnMenuStart	(inherited from <a href="#">Form</a> )
	OnMinimumSizeChanged	(inherited from <a href="#">Form</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">Control</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Form</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">Form</a> )
	OnResizeBegin	(inherited from <a href="#">Form</a> )
	OnResizeEnd	(inherited from <a href="#">Form</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnRightToLeftLayoutChanged	(inherited from <a href="#">Form</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnShown	(inherited from <a href="#">Form</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Form</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Form</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">Form</a> )
	ProcessCmdKey	(inherited from <a href="#">Form</a> )
	ProcessDialogChar	(inherited from <a href="#">Form</a> )
	ProcessDialogKey	(inherited from <a href="#">Form</a> )
	ProcessKeyEventArgs	(inherited from <a href="#">Control</a> )
	ProcessKeyMessage	(inherited from <a href="#">Control</a> )
	ProcessKeyPreview	(inherited from <a href="#">Form</a> )
	ProcessMnemonic	(inherited from <a href="#">Form</a> )

	<a href="#">ProcessTabKey</a>	(inherited from <a href="#">Form</a> )
	<a href="#">RaiseDragEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseKeyEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseMouseEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaisePaintEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreateHandle</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ReflectMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetMouseEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateContent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateHorizontal</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateLeftRight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleControl</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ScaleCore</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ScrollToControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">Form</a> )
	<a href="#">SetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetBoundsCore</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SetClientSizeCore</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SetDisplayRectLocation</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetVisibleCore</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SizeFromClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">UpdateDefaultButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">UpdateStyles</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateZOrder</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WndProc</a>	(inherited from <a href="#">Form</a> )

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

See Also

#### Reference

[MessageDialog Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog.AdjustControls Method

Adjusts the controls on the message dialog.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub AdjustControls ( _
    messageText As String, _
    captionText As String, _
    okText As String, _
    cancelText As String, _
    iconStyle As MessageBoxIcon, _
    showCheck As Boolean, _
    showCheckText As String, _
    extraHeight As Integer _
)
```

C#

```
public void AdjustControls (
    string messageText,
    string captionText,
    string okText,
    string cancelText,
    MessageBoxIcon iconStyle,
    bool showCheck,
    string showCheckText,
    int extraHeight
)
```

C++

```
public:
void AdjustControls (
    String^ messageText,
    String^ captionText,
    String^ okText,
    String^ cancelText,
    MessageBoxIcon iconStyle,
    bool showCheck,
    String^ showCheckText,
    int extraHeight
)
```

J#

```
public void AdjustControls (
    String messageText,
    String captionText,
    String okText,
    String cancelText,
    MessageBoxIcon iconStyle,
    boolean showCheck,
    String showCheckText,
    int extraHeight
)
```

JScript

```
public function AdjustControls (
```

```
messageText : String,  
captionText : String,  
okText : String,  
cancelText : String,  
iconStyle : MessageBoxIcon,  
showCheck : boolean,  
showCheckText : String,  
extraHeight : int  
)
```

#### Parameters

messageText

The message text.

captionText

The caption text.

okText

The OK text.

cancelText

The cancel text.

iconStyle

The style of icon.

showCheck

**True** to show the check; otherwise, **false**.

showCheckText

The check text.

extraHeight

Extra height to add.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MessageDialog Class](#)

[MessageDialog Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog.Dispose Method

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Overload List

	Name	Description
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	Disposes of resources associated with the current instance.(Overrides <a href="#">Form.Dispose(Boolean)</a> .)

See Also

[MessageDialog Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

## MessageDialog.Dispose Method (Boolean)

Disposes of resources associated with the current instance.

Syntax

C#

```
protected override void Dispose(  
    bool disposing  
)
```

C++

```
protected:  
virtual void Dispose(  
    bool disposing  
) override
```

F#

```
override Dispose :  
    disposing:bool -> unit
```

VB

```
Protected Overrides Sub Dispose (  
    disposing As Boolean  
)
```

## Parameters

*disposing*

Type: [System.Boolean](#)

**true** to release both managed and unmanaged resources; **false** to release only unmanaged resources.

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# MessageDialog.Dispose Method (Boolean)

Disposes of resources associated with the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Dispose ( _
    disposing As Boolean _
)
```

C#

```
protected override void Dispose (
    bool disposing
)
```

C++

```
protected:
virtual void Dispose (
    bool disposing
) override
```

J#

```
protected void Dispose (
    boolean disposing
)
```

JScript

```
protected override function Dispose (
    disposing : boolean
)
```

## Parameters

disposing

**true** to release both managed and unmanaged resources; **false** to release only unmanaged resources.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MessageDialog Class](#)

[MessageDialog Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog Properties

Public Properties (see also [Protected Properties](#))






















	Name	Description
	<a href="#">AcceptButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
 	<a href="#">ActiveForm</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ActiveMdiChild</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AllowTransparency</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScale</a>	<b>Obsolete.</b> (inherited from <a href="#">Form</a> )
	<a href="#">AutoScaleBaseSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">Form</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Form</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CancelButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CheckState</a>	Gets a value that determines if the check has been selected.
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ControlBox</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )









	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DesktopBounds</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DesktopLocation</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DialogResult</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Enabled</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focused</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Font</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">FormBorderStyle</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Handle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HasChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Height</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HelpButton</a>	(inherited from <a href="#">Form</a> )
	<a href="#">HorizontalScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Icon</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeRequired</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsAccessible</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsDisposed</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsHandleCreated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsMdiChild</a>	(inherited from <a href="#">Form</a> )
	<a href="#">IsMdiContainer</a>	(inherited from <a href="#">Form</a> )
	<a href="#">IsMirrored</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsRestrictedWindow</a>	(inherited from <a href="#">Form</a> )
	<a href="#">KeyPreview</a>	(inherited from <a href="#">Form</a> )
	<a href="#">LayoutEngine</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Left</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Location</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MainMenuStrip</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Margin</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MaximizeBox</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MaximumSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MdiChildren</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MdiParent</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Menu</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MergedMenu</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MinimizeBox</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MinimumSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Modal</a>	(inherited from <a href="#">Form</a> )
 	<a href="#">ModifierKeys</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MouseButtons</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MousePosition</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Opacity</a>	(inherited from <a href="#">Form</a> )
	<a href="#">OwnedForms</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Owner</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Padding</a>	(inherited from <a href="#">Control</a> )

	Parent	(inherited from <a href="#">Control</a> )
	ParentForm	(inherited from <a href="#">ContainerControl</a> )
	PreferredSize	(inherited from <a href="#">Control</a> )
	ProductName	(inherited from <a href="#">Control</a> )
	ProductVersion	(inherited from <a href="#">Control</a> )
	RecreatingHandle	(inherited from <a href="#">Control</a> )
	Region	(inherited from <a href="#">Control</a> )
	RestoreBounds	(inherited from <a href="#">Form</a> )
	Right	(inherited from <a href="#">Control</a> )
	RightToLeft	(inherited from <a href="#">Control</a> )
	RightToLeftLayout	(inherited from <a href="#">Form</a> )
	ShowIcon	(inherited from <a href="#">Form</a> )
	ShowInTaskbar	(inherited from <a href="#">Form</a> )
	Site	(inherited from <a href="#">Control</a> )
	Size	(inherited from <a href="#">Form</a> )
	SizeGripStyle	(inherited from <a href="#">Form</a> )
	StartPosition	(inherited from <a href="#">Form</a> )
	TabIndex	(inherited from <a href="#">Form</a> )
	TabStop	(inherited from <a href="#">Form</a> )
	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">Form</a> )
	Top	(inherited from <a href="#">Control</a> )
	TopLevel	(inherited from <a href="#">Form</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	TopMost	(inherited from <a href="#">Form</a> )
	TransparencyKey	(inherited from <a href="#">Form</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowState	(inherited from <a href="#">Form</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )

#### Protected Properties

	Name	Description
	<a href="#">AutoScaleFactor</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CanEnableIme</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateParams</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DefaultCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultImeMode</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DefaultMargin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMinimumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultPadding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultSize</a>	(inherited from <a href="#">Form</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DoubleBuffered</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FontHeight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeModeBase</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MaximizedBounds</a>	(inherited from <a href="#">Form</a> )
	 <a href="#">PropagatingImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RenderRightToLeft</a>	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )

	<a href="#">ResizeRedraw</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowFocusCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowKeyboardCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowWithoutActivation</a>	(inherited from <a href="#">Form</a> )
	<a href="#">VScroll</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

#### Reference

[MessageBox Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog.CheckState Property

Gets a value that determines if the check has been selected.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property CheckState As Boolean
```

C#

```
public bool CheckState { get; }
```

C++

```
public:
property bool CheckState {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_CheckState ()
```

JScript

```
public function get CheckState () : boolean
```

## Property Value

**true** if the check has been selected; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MessageDialog Class](#)

























[MessageDialog Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# MessageDialog Events

## Public Events

	Name	Description
⚡	<a href="#">Activated</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">AutoSizeChanged</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">AutoValidateChanged</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Click</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Closed</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">Closing</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Deactivate</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
⚡	<a href="#">DockChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DoubleClick</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragDrop</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragEnter</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragLeave</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragOver</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">EnabledChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Enter</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">FontChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ForeColorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">FormClosed</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">FormClosing</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">GiveFeedback</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">GotFocus</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HandleCreated</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HandleDestroyed</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HelpButtonClicked</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">HelpRequested</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ImeModeChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">InputLanguageChanged</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">InputLanguageChanging</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">Invalidated</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyDown</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyPress</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyUp</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Layout</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Leave</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Load</a>	(inherited from <a href="#">Form</a> )
⚡	<a href="#">LocationChanged</a>	(inherited from <a href="#">Control</a> )

	<a href="#">LostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MarginChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MaximizedBoundsChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MaximumSizeChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MdiChildActivate</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MenuComplete</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MenuStart</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MinimumSizeChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">MouseCaptureChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseClicked</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseDoubleClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseEnter</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseHover</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseLeave</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseMove</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseUp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseWheel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Move</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PaddingChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Paint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreviewKeyDown</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryAccessibilityHelp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RegionChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Resize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResizeBegin</a>	(inherited from <a href="#">Form</a> )
	<a href="#">ResizeEnd</a>	(inherited from <a href="#">Form</a> )
	<a href="#">RightToLeftChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeftLayoutChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">Scroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Shown</a>	(inherited from <a href="#">Form</a> )
	<a href="#">SizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">StyleChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndexChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TabStopChanged</a>	(inherited from <a href="#">Form</a> )
	<a href="#">TextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

See Also

#### Reference

[MessageBox Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString Class

Describes an OLE DB connection string.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.IConnectionString](#)

**Microsoft.HostIntegration.DataAccessLibrary.OleDbConnectionString**

[Microsoft.HostIntegration.DataAccessLibrary.DB2OleDbConnectionString](#)

[Microsoft.HostIntegration.DataAccessLibrary.FileSysOleDbConnectionString](#)

Syntax

C#

```
[SerializableAttribute]
public abstract class OleDbConnectionString : IConnectionString
```

C++

```
[SerializableAttribute]
public ref class OleDbConnectionString abstract : IConnectionString
```









F#



























```
[<AbstractClass>]
[<SerializableAttribute>]
type OleDbConnectionString =
    class
        inherit IConnectionString
    end
```

VB





























```
<SerializableAttribute>
Public MustInherit Class OleDbConnectionString
    Inherits IConnectionString
```

Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">Authentication</a>	Gets or sets the authentication.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object.(Inherited from <a href="#">IConnectionString</a> .)
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage.(Inherited from <a href="#">IConnectionString</a> .)

 CacheAuthentication	Gets or sets a value that indicates whether a cache authentication is used.(Inherited from <a href="#">IConnectionString</a> .)
 CertificateCN	Gets or sets the certificate CN.(Inherited from <a href="#">IConnectionString</a> .)
 ClientAccounting	Gets or sets the client accounting.(Inherited from <a href="#">IConnectionString</a> .)
 ClientApplicationName	Gets or sets the client application name.(Inherited from <a href="#">IConnectionString</a> .)
 ClientUserID	Gets or sets the client user identification.(Inherited from <a href="#">IConnectionString</a> .)
 ClientWorkstationName	Gets or sets the client workstation name.(Inherited from <a href="#">IConnectionString</a> .)
 Comment	Gets or sets the additional information about the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionPooling	Gets or sets a value that determines if connection pooling is active.(Inherited from <a href="#">IConnectionString</a> .)
 ConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.(Inherited from <a href="#">IConnectionString</a> .)
 DatabaseName	Gets or sets the database name.(Inherited from <a href="#">IConnectionString</a> .)
 DataSourceName	Gets or sets the name of the data source.(Inherited from <a href="#">IConnectionString</a> .)
 DateModified	Get or sets the date and time the connection string was modified.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsChar	Gets or sets a value that indicates whether date time is interpreted as a character.(Inherited from <a href="#">IConnectionString</a> .)
 DateTimeAsDate	Gets or sets a value that indicates whether the date time is interpreted as date.(Inherited from <a href="#">IConnectionString</a> .)
 DBMSPlatform	Gets or sets the type of database to which the connection string connects.(Inherited from <a href="#">IConnectionString</a> .)
 DecimalAsNumeric	(Inherited from <a href="#">IConnectionString</a> .)
 DefaultLibrary	Gets or sets the default library for the connection string.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names.(Inherited from <a href="#">IConnectionString</a> .)
 DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information.(Inherited from <a href="#">IConnectionString</a> .)
 DeferPrepare	Gets or sets a value that indicates whether to defer preparation.(Inherited from <a href="#">IConnectionString</a> .)
 DeriveParameters	Gets or sets a value that determines if you can derive parameters.(Inherited from <a href="#">IConnectionString</a> .)
 EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined.(Inherited from <a href="#">IConnectionString</a> .)
 ExtendedProperties	Gets or sets the extended properties.(Inherited from <a href="#">IConnectionString</a> .)
 FilePath	Gets the file path of the current instance.
 HcdFileName	Gets or sets the host column description file name.(Inherited from <a href="#">IConnectionString</a> .)
 HostCCSID	Gets or sets the character code set identifier (CCSID) for the host.(Inherited from <a href="#">IConnectionString</a> .)





	HostName	Gets the name of the host.(Inherited from <a href="#">IConnectionString</a> .)
	InitialCatalog	Gets or sets the initial catalog name.(Inherited from <a href="#">IConnectionString</a> .)
	IntegratedSecurity	Gets or sets the integrated security.(Inherited from <a href="#">IConnectionString</a> .)
	LoadBalancing	(Inherited from <a href="#">IConnectionString</a> .)
	LocalFolder	Gets or sets the local folder.(Inherited from <a href="#">IConnectionString</a> .)
	LocalLU	Gets or sets the local logical unit (LU) name.(Inherited from <a href="#">IConnectionString</a> .)
	Location	Gets or sets the location.(Inherited from <a href="#">IConnectionString</a> .)
	MaxPoolSize	Gets or sets the maximum pool size.(Inherited from <a href="#">IConnectionString</a> .)
	MetadataAssembly	Gets or sets the metadata assembly.(Inherited from <a href="#">IConnectionString</a> .)
	Name	Gets or sets the name of the current instance.(Overrides <a href="#">IConnectionString.Name</a> .)
	NetworkAddress	Gets or sets the IP network address.(Inherited from <a href="#">IConnectionString</a> .)
	NetworkLibrary	Gets or sets the type of network over which the connection transmits.(Inherited from <a href="#">IConnectionString</a> .)
	NetworkPort	Gets or sets the network port ID.(Inherited from <a href="#">IConnectionString</a> .)
	NewPassword	Gets or sets the new password.(Inherited from <a href="#">IConnectionString</a> .)
	PackageCollection	Gets or sets the name of the target collection.(Inherited from <a href="#">IConnectionString</a> .)
	Password	Gets or sets the user password.(Inherited from <a href="#">IConnectionString</a> .)
	PCCodepage	Gets or sets the client PC code page.(Inherited from <a href="#">IConnectionString</a> .)
	ReadOnly	Gets or sets a value that determines if the connection string is read-only.(Inherited from <a href="#">IConnectionString</a> .)
	RemoteLU	Gets or sets the remote logical unit (LU).(Inherited from <a href="#">IConnectionString</a> .)
	RepairHostKeys	Gets or sets a value that determines if the host keys should be repaired.(Inherited from <a href="#">IConnectionString</a> .)
	RowsetCacheSize	Gets or sets the rowset cache size.(Inherited from <a href="#">IConnectionString</a> .)
	SecurityPrinciple	Gets or set the security principle.(Inherited from <a href="#">IConnectionString</a> .)
	ShadowCatalog	(Inherited from <a href="#">IConnectionString</a> .)
	StrictValidation	Gets or sets a value that determines if strict validation is enabled.(Inherited from <a href="#">IConnectionString</a> .)
	UnitsOfWork	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source.(Inherited from <a href="#">IConnectionString</a> .)
	UseKerberos	Gets or sets a value that indicates whether a Kerberos is used.(Inherited from <a href="#">IConnectionString</a> .)
	UserName	Gets or sets the name of the user.(Inherited from <a href="#">IConnectionString</a> .)
	UseSingleSignOn	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO).(Inherited from <a href="#">IConnectionString</a> .)

#### Methods

Name	Description
------	-------------

	Clone()	Creates a deep copy of the current instance.(Inherited from <a href="#">IConnectionString</a> .)
	CopyFrom(IConnectionString)	Copies the connection string from the specified object.(Inherited from <a href="#">IConnectionString</a> .)
	Delete(Boolean)	Deletes the current instance.(Inherited from <a href="#">IConnectionString</a> .)
	DeleteAsText()	Determines if the connection string will be deleted as text.
	Equals(Object)	(Inherited from <a href="#">Object</a> .)
	Exists()	Determines if the current instance is abstract or actually represents a connection string.(Overrides <a href="#">IConnectionString.Exists()</a> .)
	ExistsAsText()	Determines if the connection string exists as text.
	Finalize()	(Inherited from <a href="#">Object</a> .)
	GetHashCode()	(Inherited from <a href="#">Object</a> .)
	GetKey(Int32)	Retrieves the key from the current instance.
	GetString()	Retrieves the connection string.(Overrides <a href="#">IConnectionString.GetString()</a> .)
	GetType()	(Inherited from <a href="#">Object</a> .)
	InternalDelete()	Retrieves a value that indicates whether it deletes the current instance.(Overrides <a href="#">IConnectionString.InternalDelete()</a> .)
	InternalRename(String)	Renames the current instance. (Overrides <a href="#">IConnectionString.InternalRename(String)</a> .)
	IsSupported(Int32)	Determines if the specified connection string type is supported.
	Load()	Retrieves the current instance. (Overrides <a href="#">IConnectionString.Load()</a> .)
	MakePathFromIdentifier(String)	Makes a path from the specified identifier.
	MakeTextPathFromIdentifier(String)	Creates a text path using the specified identifier.
	MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
	Rename(String)	Renames the connection string.(Inherited from <a href="#">IConnectionString</a> .)
	Save()	Saves the current instance.(Overrides <a href="#">IConnectionString.Save()</a> .)
	SaveAsText()	Saves the current instance as a text file.
	SetString(String)	Sets the current string.(Overrides <a href="#">IConnectionString.SetString(String)</a> .)
	ToString()	(Inherited from <a href="#">Object</a> .)
	ValidateAndRetrieveConnectionString(String)	Validates and retrieves the connection string.
	ValidateLine1(String)	Validates the first line.
	ValidateLine2(String)	Validates the second line.

#### Fields

	Name	Description
	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant.
	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)






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# OleDbConnectionString Members

Describes an OLE DB connection string.



The following tables list the members exposed by the [OleDbConnectionString](#) type.


































## Public Fields

	Name	Description
	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant.
	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text.

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## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultQualifier</a>	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )

	<a href="#">DefaultSchema</a>	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeriveParameters</a>	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">EarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ExtendedProperties</a>	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">FilePath</a>	Gets the file path of the current instance.
	<a href="#">Format</a>	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HcdFileName</a>	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">HostName</a>	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">InitialCatalog</a>	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">IntegratedSecurity</a>	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">LocalFolder</a>	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">LocalLU</a>	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Location</a>	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MaxPoolSize</a>	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">MetadataAssembly</a>	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Name</a>	Overridden. Gets or sets the name of the current instance.
	<a href="#">NetworkAddress</a>	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NetworkLibrary</a>	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NetworkPort</a>	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">NewPassword</a>	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">PackageCollection</a>	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Password</a>	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">PCCodepage</a>	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ReadOnly</a>	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RemoteLU</a>	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RepairHostKeys</a>	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

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Public Methods (see also [Protected Methods](#))

	<b>Name</b>	<b>Description</b>
	<a href="#">Clone</a>	Creates a deep copy of the current instance. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Overridden. Determines if the current instance is abstract or actually represents a connection string.

	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Overridden. Retrieves the connection string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Load</a>	Overridden. Retrieves the current instance.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Overridden. Saves the current instance.
	<a href="#">SaveAsText</a>	Saves the current instance as a text file.
	<a href="#">SetString</a>	Overridden. Sets the current string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ValidateAndRetrieveConnectionString</a>	Validates and retrieves the connection string.

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#### Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetKey</a>	Retrieves the key from the current instance.
	<a href="#">InternalDelete</a>	Overridden. Retrieves a value that indicates whether it deletes the current instance.
	<a href="#">InternalRename</a>	Overridden. Renames the current instance.
	<a href="#">IsSupported</a>	Determines if the specified connection string type is supported.
	<a href="#">MakePathFromIdentifier</a>	Makes a path from the specified identifier.
	<a href="#">MakeTextPathFromIdentifier</a>	Creates a text path using the specified identifier.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ValidateLine1</a>	Validates the first line.
	<a href="#">ValidateLine2</a>	Validates the second line.

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See Also











#### Reference

[OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString Fields

Public Fields

	Name	Description
 	<a href="#">CONNECT_TIMEOUT</a>	The CONNECT_TIMEOUT. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_DATABASENAME_LENGTH</a>	The MAX_DATABASENAME_LENGTH. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">MAX_POOL_SIZE</a>	The MAX_POOL_SIZE. (inherited from <a href="#">IConnectionString</a> )
 	<a href="#">OLEDBExtension</a>	Represents the type of file extension. This field is constant.
 	<a href="#">OLEDBExtensionTXT</a>	Represents the type of file extension as text.

See Also

Reference

- [OleDbConnectionString Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.OLEDBExtension Field

Represents the type of file extension. This field is constant.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string OLEDBExtension
```

C++

```
public:  
literal String^ OLEDBExtension
```

F#

```
static val mutable OLEDBExtension : string
```

VB

```
Public Const OLEDBExtension As String
```

## Field Value

Type: [System.String](#)

Remarks

The value of this field is "UDL".

See Also

[OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# OleDbConnectionString.OLEDBExtensionTXT Field

Represents the type of file extension as text.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public const string OLEDBExtensionTXT
```

C++

```
public:  
literal String^ OLEDBExtensionTXT
```

F#

```
static val mutable OLEDBExtensionTXT : string
```

VB

```
Public Const OLEDBExtensionTXT As String
```

**Field Value**

Type: [System.String](#)

See Also

[OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)













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# OleDbConnectionString Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Clone</a>	Creates a deep copy of the current instance. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CopyFrom</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Delete</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">DeleteAsText</a>	Determines if the connection string will be deleted as text.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Exists</a>	Overridden. Determines if the current instance is abstract or actually represents a connection string.
	<a href="#">ExistsAsText</a>	Determines if the connection string exists as text.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Overridden. Retrieves the connection string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">IsKerberos</a>	(inherited from <a href="#">IConnectionString</a> )
	 <a href="#">IsSSO</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Load</a>	Overridden. Retrieves the current instance.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rename</a>	(inherited from <a href="#">IConnectionString</a> )
	<a href="#">Save</a>	Overridden. Saves the current instance.
	<a href="#">SaveAsText</a>	Saves the current instance as a text file.
	<a href="#">SetString</a>	Overridden. Sets the current string.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ValidateAndRetrieveConnectionString</a>	Validates and retrieves the connection string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetKey</a>	Retrieves the key from the current instance.
	<a href="#">InternalDelete</a>	Overridden. Retrieves a value that indicates whether it deletes the current instance.
	<a href="#">InternalRename</a>	Overridden. Renames the current instance.
	<a href="#">IsSupported</a>	Determines if the specified connection string type is supported.
	<a href="#">MakePathFromIdentifier</a>	Makes a path from the specified identifier.
	<a href="#">MakeTextPathFromIdentifier</a>	Creates a text path using the specified identifier.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ValidateLine1</a>	Validates the first line.
	 <a href="#">ValidateLine2</a>	Validates the second line.

See Also

## Reference

[OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.DeleteAsText Method

Determines if the connection string will be deleted as text.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function DeleteAsText As Boolean
```

C#

```
public bool DeleteAsText ()
```

C++

```
public:
bool DeleteAsText ()
```

J#

```
public boolean DeleteAsText ()
```

JScript

```
public function DeleteAsText () : boolean
```

## Return Value

**True** if the connection string will be deleted as text; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.Exists Method

Determines if the current instance is abstract or actually represents a connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function Exists As Boolean
```

C#

```
public override bool Exists ()
```

C++

```
public:  
virtual bool Exists () override
```

J#

```
public boolean Exists ()
```

JScript

```
public override function Exists () : boolean
```

## Return Value

**True** if the current instance is abstract or actually represents a connection string; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.ExistsAsText Method

Determines if the connection string exists as text.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ExistsAsText As Boolean
```

C#

```
public bool ExistsAsText ()
```

C++

```
public:
bool ExistsAsText ()
```

J#

```
public boolean ExistsAsText ()
```

JScript

```
public function ExistsAsText () : boolean
```

## Return Value

**True** if the connection string exists as text; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.GetKey Method

Retrieves the key from the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function GetKey ( _
    i As Integer _
) As String
```

C#

```
protected virtual string GetKey (
    int i
)
```

C++

```
protected:
virtual String^ GetKey (
    int i
)
```

J#

```
protected String GetKey (
    int i
)
```

JScript

```
protected function GetKey (
    i : int
) : String
```

## Parameters

i

The key of the current instance.

## Return Value

The key from the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.GetString Method

Retrieves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetString As String
```

C#

```
public override string GetString ()
```

C++

```
public:  
virtual String^ GetString () override
```

J#

```
public String GetString ()
```

JScript

```
public override function GetString () : String
```

## Return Value

The connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.InternalDelete Method

Retrieves a value that indicates whether it deletes the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalDelete As Boolean
```

C#

```
protected override bool InternalDelete ()
```

C++

```
protected:
virtual bool InternalDelete () override
```

J#

```
protected boolean InternalDelete ()
```

JScript

```
protected override function InternalDelete () : boolean
```

## Return Value

**True** if it deletes the current instance; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# OleDbConnectionString.InternalRename Method

Renames the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalRename ( _
    destIdentifier As String _
)
```

C#

```
protected override void InternalRename (
    string destIdentifier
)
```

C++

```
protected:
virtual void InternalRename (
    String^ destIdentifier
) override
```

J#

```
protected void InternalRename (
    String destIdentifier
)
```

JScript

```
protected override function InternalRename (
    destIdentifier : String
)
```

## Parameters

destIdentifier

The new name of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.IsSupported Method

Determines if the specified connection string type is supported.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function IsSupported ( _
    i As Integer _
) As Boolean
```

C#

```
protected virtual bool IsSupported (
    int i
)
```

C++

```
protected:
virtual bool IsSupported (
    int i
)
```

J#

```
protected boolean IsSupported (
    int i
)
```

JScript

```
protected function IsSupported (
    i : int
) : boolean
```

## Parameters

i

Index of the connection string type.

## Return Value

**true** if the connection string type is supported; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.Load Method

Retrieves the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Load
```

C#

```
public override void Load ()
```

C++

```
public:  
virtual void Load () override
```

J#

```
public void Load ()
```

JScript

```
public override function Load ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.MakePathFromIdentifier Method

Makes a path from the specified identifier.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Function MakePathFromIdentifier ( _
    identifier As String _
) As String
```

C#

```
protected string MakePathFromIdentifier (
    string identifier
)
```

C++

```
protected:
String^ MakePathFromIdentifier (
    String^ identifier
)
```

J#

```
protected String MakePathFromIdentifier (
    String identifier
)
```

JScript

```
protected function MakePathFromIdentifier (
    identifier : String
) : String
```

## Parameters

identifier

The identifier out of which to make a path.

## Return Value

A path from the specified identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.MakeTextPathFromIdentifier Method

Creates a text path using the specified identifier.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Function MakeTextPathFromIdentifier ( _
    identifier As String _
) As String
```

C#

```
protected string MakeTextPathFromIdentifier (
    string identifier
)
```

C++

```
protected:
String^ MakeTextPathFromIdentifier (
    String^ identifier
)
```

J#

```
protected String MakeTextPathFromIdentifier (
    String identifier
)
```

JScript

```
protected function MakeTextPathFromIdentifier (
    identifier : String
) : String
```

## Parameters

identifier

The identifier on which to base a text path.

## Return Value

A text path using the specified identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.Save Method

Saves the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Save
```

C#

```
public override void Save ()
```

C++

```
public:  
virtual void Save () override
```

J#

```
public void Save ()
```

JScript

```
public override function Save ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.SaveAsText Method

Saves the current instance as a text file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SaveAsText
```

C#

```
public void SaveAsText ()
```

C++

```
public:
void SaveAsText ()
```

J#

```
public void SaveAsText ()
```

JScript

```
public function SaveAsText ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.SetString Method

Sets the current string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub SetString ( _
    value As String _
)
```

C#

```
public override void SetString (
    string value
)
```

C++

```
public:
virtual void SetString (
    String^ value
) override
```

J#

```
public void SetString (
    String value
)
```

JScript

```
public override function SetString (
    value : String
)
```

## Parameters

value

The value to set the string to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# OleDbConnectionString.ValidateAndRetrieveConnectionString Method

Validates and retrieves the connection string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ValidateAndRetrieveConnectionString ( _
    file As String _
) As String
```

C#

```
public static string ValidateAndRetrieveConnectionString (
    string file
)
```

C++

```
public:
static String^ ValidateAndRetrieveConnectionString (
    String^ file
)
```

J#

```
public static String ValidateAndRetrieveConnectionString (
    String file
)
```

JScript

```
public static function ValidateAndRetrieveConnectionString (
    file : String
) : String
```

## Parameters

file

The file to validate and retrieve.

## Return Value

The connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.ValidateLine1 Method

Validates the first line.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Shared Sub ValidateLine1 ( _
    line As String _
)
```

C#

```
protected static void ValidateLine1 (
    string line
)
```

C++

```
protected:
static void ValidateLine1 (
    String^ line
)
```

J#

```
protected static void ValidateLine1 (
    String line
)
```

JScript

```
protected static function ValidateLine1 (
    line : String
)
```

## Parameters

line

The line.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.ValidateLine2 Method

Validates the second line.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Shared Sub ValidateLine2 ( _
    line As String _
)
```

C#

```
protected static void ValidateLine2 (
    string line
)
```

C++

```
protected:
static void ValidateLine2 (
    String^ line
)
```

J#

```
protected static void ValidateLine2 (
    String line
)
```

JScript

```
protected static function ValidateLine2 (
    line : String
)
```

## Parameters

line

The line.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[OleDbConnectionString Class](#)






























[OleDbConnectionString Members](#)








[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString Properties

## Public Properties

	Name	Description
	<a href="#">AffiliatedApplication</a>	Gets or sets the name of the affiliated application. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AllowSavingPassword</a>	Gets or sets a value that determines if the system saves the password of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCMode</a>	Gets or sets the APPC Mode. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">APPCSecurity</a>	Gets or sets the APPC security. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Authentication</a>	Gets or sets the authentication. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made to the commit method for all site control file classes using the <b>SiteCode</b> property of the current object. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryAsChar</a>	Gets or sets a value that determines if the system should interpret the information received as a character string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">BinaryCodepage</a>	Gets or sets the binary codepage. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CacheAuthentication</a>	Gets or sets a value that indicates whether a cache authentication is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">CertificateCN</a>	Gets or sets the certificate CN. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientApplicationName</a>	Gets or sets the client application name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientUserID</a>	Gets or sets the client user identification. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ClientWorkstationName</a>	Gets or sets the client workstation name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">Comment</a>	Gets or sets the additional information about the connection string. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionPooling</a>	Gets or sets a value that determines if connection pooling is active. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">ConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DatabaseName</a>	Gets or sets the database name. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DataSourceName</a>	Gets or sets the name of the data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateModified</a>	Get or sets the date and time the connection string was modified. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether date time is interpreted as a character. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether the date time is interpreted as date. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DBMSPlatform</a>	Gets or sets the type of database to which the connection string connects. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">DefaultLibrary</a>	Gets or sets the default library for the connection string. (inherited from <a href="#">IConnectionString</a> )

	DefaultQualifier	Gets or sets the name of the schema (collection/owner) with which to fully qualify unqualified object names. (inherited from <a href="#">IConnectionString</a> )
	DefaultSchema	Gets or sets the name of the collection where the system looks for catalog information. (inherited from <a href="#">IConnectionString</a> )
	DeferPrepare	Gets or sets a value that indicates whether to defer preparation. (inherited from <a href="#">IConnectionString</a> )
	DeriveParameters	Gets or sets a value that determines if you can derive parameters. (inherited from <a href="#">IConnectionString</a> )
	EarlyMetadata	Gets or sets a value that indicates whether early metadata is defined. (inherited from <a href="#">IConnectionString</a> )
	ExtendedProperties	Gets or sets the extended properties. (inherited from <a href="#">IConnectionString</a> )
	FilePath	Gets the file path of the current instance.
	Format	Gets the format for the string. (inherited from <a href="#">IConnectionString</a> )
	HcdFileName	Gets or sets the host column description file name. (inherited from <a href="#">IConnectionString</a> )
	HostCCSID	Gets or sets the character code set identifier (CCSID) for the host. (inherited from <a href="#">IConnectionString</a> )
	HostName	Gets the name of the host. (inherited from <a href="#">IConnectionString</a> )
	InitialCatalog	Gets or sets the initial catalog name. (inherited from <a href="#">IConnectionString</a> )
	IntegratedSecurity	Gets or sets the integrated security. (inherited from <a href="#">IConnectionString</a> )
	LocalFolder	Gets or sets the local folder. (inherited from <a href="#">IConnectionString</a> )
	LocalLU	Gets or sets the local logical unit (LU) name. (inherited from <a href="#">IConnectionString</a> )
	Location	Gets or sets the location. (inherited from <a href="#">IConnectionString</a> )
	MaxPoolSize	Gets or sets the maximum pool size. (inherited from <a href="#">IConnectionString</a> )
	MetadataAssembly	Gets or sets the metadata assembly. (inherited from <a href="#">IConnectionString</a> )
	Name	Overridden. Gets or sets the name of the current instance.
	NetworkAddress	Gets or sets the IP network address. (inherited from <a href="#">IConnectionString</a> )
	NetworkLibrary	Gets or sets the type of network over which the connection transmits. (inherited from <a href="#">IConnectionString</a> )
	NetworkPort	Gets or sets the network port ID. (inherited from <a href="#">IConnectionString</a> )
	NewPassword	Gets or sets the new password. (inherited from <a href="#">IConnectionString</a> )
	PackageCollection	Gets or sets the name of the target collection. (inherited from <a href="#">IConnectionString</a> )
	Password	Gets or sets the user password. (inherited from <a href="#">IConnectionString</a> )
	PCCodepage	Gets or sets the client PC code page. (inherited from <a href="#">IConnectionString</a> )
	ReadOnly	Gets or sets a value that determines if the connection string is read-only. (inherited from <a href="#">IConnectionString</a> )
	RemoteLU	Gets or sets the remote logical unit (LU). (inherited from <a href="#">IConnectionString</a> )
	RepairHostKeys	Gets or sets a value that determines if the host keys should be repaired. (inherited from <a href="#">IConnectionString</a> )

	<a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">SecurityPrinciple</a>	Gets or set the security principle. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">StrictValidation</a>	Gets or sets a value that determines if strict validation is enabled. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UnitsOfWork</a>	Gets or sets the two-phase commit (distributed unit of work) used for transactions supported for this data source. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseKerberos</a>	Gets or sets a value that indicates whether a Kerberos is used. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UserName</a>	Gets or sets the name of the user. (inherited from <a href="#">IConnectionString</a> )
	<a href="#">UseSingleSignOn</a>	Gets or sets a value that determines if the connection string uses Single Sign-On (SSO). (inherited from <a href="#">IConnectionString</a> )

See Also

#### Reference

[OleDbConnectionString Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.FilePath Property

Gets the file path of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property FilePath As String
```

C#

```
public string FilePath { get; }
```

C++

```
public:
property String^ FilePath {
    String^ get ();
}
```

J#

```
/** @property */
public String get_FilePath ()
```

JScript

```
public function get FilePath () : String
```

## Property Value

The file path of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# OleDbConnectionString.Name Property

Gets or sets the name of the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Name As String
```

C#

```
public override string Name { get; set; }
```

C++

```
public:
virtual property String^ Name {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public override function get Name () : String

public override function set Name (value : String)
```

## Property Value

The name of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[OleDbConnectionString Class](#)

[OleDbConnectionString Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# SNANLS Class

Helper class that provides methods for populating locale information in the Data Access Wizard.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.DataAccessLibrary.SNANLS**

Syntax  
C#

```
public class SNANLS
```

C++

```
public ref class SNANLS
```


F#

```
type SNANLS = class end
```








VB

```
Public Class SNANLS
```

Properties

	Name	Description
	<a href="#">Instance</a>	Gets the instance.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">PopulateHostCCSIDs(ComboBox, Int32)</a>	Populates the host CCSID.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)


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# SNANLS Members

Helper class that provides methods for populating locale information in the Data Access Wizard.







The following tables list the members exposed by the [SNANLS](#) type.

## Public Properties

	Name	Description
	<a href="#">Instance</a>	Gets the instance.



## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">PopulateHostCCSIDs</a>	Populates the host CCSID.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also








## Reference

[SNANLS Class](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SNANLS Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">PopulateHostCCSIDs</a>	Populates the host CCSID.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

[SNANLS Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SNANLS.PopulateHostCCSIDs Method

Populates the host CCSID.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub PopulateHostCCSIDs ( _
    hostCCSID As ComboBox, _
    currentHostCCSID As Integer _
)
```

C#

```
public void PopulateHostCCSIDs (
    ComboBox hostCCSID,
    int currentHostCCSID
)
```

C++

```
public:
void PopulateHostCCSIDs (
    ComboBox^ hostCCSID,
    int currentHostCCSID
)
```

J#

```
public void PopulateHostCCSIDs (
    ComboBox hostCCSID,
    int currentHostCCSID
)
```

JScript

```
public function PopulateHostCCSIDs (
    hostCCSID : ComboBox,
    currentHostCCSID : int
)
```

## Parameters

hostCCSID

The host CCSID combo box.

currentHostCCSID

The current host CCSID.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[SNANLS Class](#)

[SNANLS Members](#)



# SNANLS Properties

## Public Properties

	Name	Description
	 <a href="#">Instance</a>	Gets the instance.

See Also

### Reference

[SNANLS Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SNANLS.Instance Property

Gets the instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Property Instance As SNANLS
```

C#

```
public static SNANLS Instance { get; }
```

C++

```
public:
static property SNANLS^ Instance {
    SNANLS^ get ();
}
```

J#

```
/** @property */
public static SNANLS get_Instance ()
```

JScript

```
public static function get Instance () : SNANLS
```

## Property Value

The instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SNANLS Class](#)

[SNANLS Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaNlsCodePage Structure

Represents the SNANLS code page.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
[SerializableAttribute]
public struct SnaNlsCodePage : IComparable<SnaNlsCodePage>
```

C++

```
[SerializableAttribute]
public value struct SnaNlsCodePage : IComparable<SnaNlsCodePage>
```


F#

```
[<Sealed>]
[<SerializableAttribute>]
type SnaNlsCodePage =
    struct
        interface IComparable<SnaNlsCodePage>
    end
```






VB

```
<SerializableAttribute>
Public Structure SnaNlsCodePage
    Implements IComparable(Of SnaNlsCodePage)
```



Constructors

Name	Description
 <a href="#">SnaNlsCodePage(String, Int32)</a>	Creates a new instance of the <b>SnaNlsCodePage</b> class.

Methods

Name	Description
 <a href="#">CompareTo(SnaNlsCodePage)</a>	Compares the current instance with the other object of the same type and returns an integer.
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	Translates the current instance to a string.(Overrides <a href="#">ValueType.ToString()</a> .)

Fields

Name	Description
 <a href="#">CodePage</a>	The code page value of the current instance.
 <a href="#">Name</a>	The name of the current instance.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)





# SnaNlsCodePage Members

Represents the SNANLS code page.



The following tables list the members exposed by the [SnaNlsCodePage](#) type.

## Public Constructors

Name	Description
<a href="#">SnaNlsCodePage</a>	Creates a new instance of the <a href="#">SnaNlsCodePage</a> class.








## Top

## Public Fields

Name	Description
 <a href="#">CodePage</a>	The code page value of the current instance.
 <a href="#">Name</a>	The name of the current instance.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CompareTo</a>	Compares the current instance with the other object of the same type and returns an integer.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also



## Reference

[SnaNlsCodePage Structure](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaNlsCodePage Fields

Public Fields

	Name	Description
	<a href="#">CodePage</a>	The code page value of the current instance.
	<a href="#">Name</a>	The name of the current instance.

See Also

Reference

- [SnaNlsCodePage Structure](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaNlsCodePage.CodePage Field

The code page value of the current instance.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public int CodePage
```

C++

```
public:  
int CodePage
```

F#

```
val mutable CodePage : int
```

VB

```
Public CodePage As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[SnaNlsCodePage Structure](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# SnaNlsCodePage.Name Field

The name of the current instance.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Syntax

C#

```
public string Name
```

C++

```
public:  
String^ Name
```

F#

```
val mutable Name : string
```

VB

```
Public Name As String
```

## Field Value

Type: [System.String](#)

See Also

[SnaNlsCodePage Structure](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

[Return to top](#)

# SnaNlsCodePage Constructor

Creates a new instance of the [SnaNlsCodePage](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    codePage As Integer _
)
```

C#

```
public SnaNlsCodePage (
    string name,
    int codePage
)
```

C++

```
public:
SnaNlsCodePage (
    String^ name,
    int codePage
)
```

J#

```
public SnaNlsCodePage (
    String name,
    int codePage
)
```

JScript

```
public function SnaNlsCodePage (
    name : String,
    codePage : int
)
```

## Parameters

name

Name of the new code page.

codePage

Specific code page to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[SnaNlsCodePage Structure](#)

[SnaNlsCodePage Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaNlsCodePage Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CompareTo</a>	Compares the current instance with the other object of the same type and returns an integer.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [SnaNlsCodePage Structure](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaNlsCodePage.CompareTo Method

Compares the current instance with the other object of the same type and returns an integer.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Function CompareTo ( _
    other As SnaNlsCodePage _
) As Integer
```

C#

```
public int CompareTo (
    SnaNlsCodePage other
)
```

C++

```
public:
virtual int CompareTo (
    SnaNlsCodePage other
) sealed
```

J#

```
public final int CompareTo (
    SnaNlsCodePage other
)
```

JScript

```
public final function CompareTo (
    other : SnaNlsCodePage
) : int
```

## Parameters

other

The other object to compare.

## Return Value

The current instance with the other object of the same type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SnaNlsCodePage Structure](#)

[SnaNlsCodePage Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# SnaNlsCodePage.ToString Method

Translates the current instance to a string.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The string form of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SnaNlsCodePage Structure](#)

[SnaNlsCodePage Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaOleDbManager Class

Represents the Sna OLE DB manager.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.DataAccessLibrary.HisOleDbManager](#)

**Microsoft.HostIntegration.DataAccessLibrary.SnaOleDbManager**

Syntax

C#

```
public class SnaOleDbManager : HisOleDbManager
```

C++

```
public ref class SnaOleDbManager : HisOleDbManager
```


F#

```
type SnaOleDbManager =  
    class  
        inherit HisOleDbManager  
    end
```


VB

```
Public Class SnaOleDbManager  
    Inherits HisOleDbManager
```










Constructors



	Name	Description
	<a href="#">SnaOleDbManager()</a>	Creates a new instance of the <b>SnaOleDbManager</b> class.

Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type.(Inherited from <a href="#">HisOleDbManager</a> .)

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetDataSources(Int32)</a>	Retrieves a data source, based on the specified index.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetProviderConnStringType(Int32)</a>	Retrieves the types of supported provider connection strings, based on the specified index type.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">IsInstalled()</a>	Determines if the HIS OLEDB manager is installed.(Inherited from <a href="#">HisOleDbManager</a> .)
	<a href="#">IsUDL(String)</a>	Determines if the specified file is a UDL file.(Overrides <a href="#">HisOleDbManager.IsUDL(String)</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)

 <a href="#">ReadUDL(String)</a>	Reads the UDL.(Overrides <a href="#">HisOleDbManager.ReadUDL(String)</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# SnaOleDbManager Members

Represents the Sna OLE DB manager.


The following tables list the members exposed by the [SnaOleDbManager](#) type.

## Public Constructors

Name	Description
<a href="#">SnaOleDbManager</a>	Creates a new instance of the <a href="#">SnaOleDbManager</a> class.












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## Public Properties

Name	Description
 <a href="#">DataSourceTypeCount</a>	Gets the index of the data source type. (inherited from <a href="#">HisOleDbManager</a> )



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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDataSources</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProviderConnStringType</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed. (inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">IsUDL</a>	Overridden. Determines if the specified file is a UDL file.
	<a href="#">ReadUDL</a>	Overridden. Reads the UDL.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

## Reference

[SnaOleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaOleDbManager Constructor

Creates a new instance of the [SnaOleDbManager](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public SnaOleDbManager ()
```

C++

```
public:  
SnaOleDbManager ()
```

J#

```
public SnaOleDbManager ()
```

JScript

```
public function SnaOleDbManager ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**












[SnaOleDbManager Class](#)

[SnaOleDbManager Members](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaOleDbManager Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDataSources</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProviderConnStringType</a>	(inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsInstalled</a>	Determines if the HIS OLEDB manager is installed. (inherited from <a href="#">HisOleDbManager</a> )
	<a href="#">IsUDL</a>	Overridden. Determines if the specified file is a UDL file.
	<a href="#">ReadUDL</a>	Overridden. Reads the UDL.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[SnaOleDbManager Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaOleDbManager.IsUDL Method

Determines if the specified file is a UDL file.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IsUDL ( _
    path As String _
) As Boolean
```

C#

```
public override bool IsUDL (
    string path
)
```

C++

```
public:
virtual bool IsUDL (
    String^ path
) override
```

J#

```
public boolean IsUDL (
    String path
)
```

JScript

```
public override function IsUDL (
    path : String
) : boolean
```

## Parameters

path

Path to the file to check.

## Return Value

**true** if the file is a UDL file; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SnaOleDbManager Class](#)

[SnaOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# SnaOleDbManager.ReadUDL Method

Reads the UDL.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ReadUDL ( _
    path As String _
) As IConnectionString
```

C#

```
public override IConnectionString ReadUDL (
    string path
)
```

C++

```
public:
virtual IConnectionString^ ReadUDL (
    String^ path
) override
```

J#

```
public IConnectionString ReadUDL (
    String path
)
```

JScript

```
public override function ReadUDL (
    path : String
) : IConnectionString
```

## Parameters

path

The path to the UDL file.

## Return Value

The UDL string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SnaOleDbManager Class](#)


[SnaOleDbManager Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# SnaOleDbManager Properties

Public Properties

	Name	Description
	<a href="#">DataSourceTypeCount</a>	Gets the index of the data source type. (inherited from <a href="#">HisOleDbManager</a> )

See Also

Reference

- [SnaOleDbManager Class](#)
- [Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# WizardProductImage Class

Represents the wizard product image.

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)  
**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Windows.Forms.Control](#)  
[System.Windows.Forms.ScrollableControl](#)  
[System.Windows.Forms.ContainerControl](#)  
[System.Windows.Forms.UserControl](#)  
**Microsoft.HostIntegration.DataAccessLibrary.WizardProductImage**

Syntax  
C#

```
public class WizardProductImage : UserControl
```

C++

```
public ref class WizardProductImage : UserControl
```


F#

```
type WizardProductImage =  
    class  
        inherit UserControl  
    end
```










VB






```
Public Class WizardProductImage  
    Inherits UserControl
```


Constructors



Name	Description
 <a href="#">WizardProductImage()</a>	Creates a new instance of the <b>WizardProductImage</b> class.



Properties

Name	Description
 <a href="#">AccessibilityObject</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AccessibleDefaultActionDescription</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AccessibleDescription</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AccessibleName</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AccessibleRole</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">ActiveControl</a>	(Inherited from <a href="#">ContainerControl</a> .)
 <a href="#">AllowDrop</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">Anchor</a>	(Inherited from <a href="#">Control</a> .)
 <a href="#">AutoScaleDimensions</a>	(Inherited from <a href="#">ContainerControl</a> .)

 AutoScaleFactor	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScaleMode	(Inherited from <a href="#">ContainerControl.</a> )
 AutoScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMargin	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollMinSize	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoScrollOffset	(Inherited from <a href="#">Control.</a> )
 AutoScrollPosition	(Inherited from <a href="#">ScrollableControl.</a> )
 AutoSize	(Inherited from <a href="#">UserControl.</a> )
 AutoSizeMode	(Inherited from <a href="#">UserControl.</a> )
 AutoValidate	(Inherited from <a href="#">UserControl.</a> )
 BackColor	(Inherited from <a href="#">Control.</a> )
 BackgroundImage	(Inherited from <a href="#">Control.</a> )
 BackgroundImageLayout	(Inherited from <a href="#">Control.</a> )
 BindingContext	(Inherited from <a href="#">ContainerControl.</a> )
 BorderStyle	(Inherited from <a href="#">UserControl.</a> )
 Bottom	(Inherited from <a href="#">Control.</a> )
 Bounds	(Inherited from <a href="#">Control.</a> )
 CanEnableIme	(Inherited from <a href="#">ContainerControl.</a> )
 CanFocus	(Inherited from <a href="#">Control.</a> )
 CanRaiseEvents	(Inherited from <a href="#">Control.</a> )
 CanSelect	(Inherited from <a href="#">Control.</a> )
 Capture	(Inherited from <a href="#">Control.</a> )
 CausesValidation	(Inherited from <a href="#">Control.</a> )
 ClientRectangle	(Inherited from <a href="#">Control.</a> )
 ClientSize	(Inherited from <a href="#">Control.</a> )
 CompanyName	(Inherited from <a href="#">Control.</a> )
 Container	(Inherited from <a href="#">Component.</a> )
 ContainsFocus	(Inherited from <a href="#">Control.</a> )
 ContextMenu	(Inherited from <a href="#">Control.</a> )
 ContextMenuStrip	(Inherited from <a href="#">Control.</a> )
 Controls	(Inherited from <a href="#">Control.</a> )
 Created	(Inherited from <a href="#">Control.</a> )
 CreateParams	(Inherited from <a href="#">UserControl.</a> )





























 CurrentAutoScaleDimensions	(Inherited from <a href="#">ContainerControl.</a> )
 Cursor	(Inherited from <a href="#">Control.</a> )
 DataBindings	(Inherited from <a href="#">Control.</a> )
 DefaultCursor	(Inherited from <a href="#">Control.</a> )
 DefaultImeMode	(Inherited from <a href="#">Control.</a> )
 DefaultMargin	(Inherited from <a href="#">Control.</a> )
 DefaultMaximumSize	(Inherited from <a href="#">Control.</a> )
 DefaultMinimumSize	(Inherited from <a href="#">Control.</a> )
 DefaultPadding	(Inherited from <a href="#">Control.</a> )
 DefaultSize	(Inherited from <a href="#">UserControl.</a> )
 DesignMode	(Inherited from <a href="#">Component.</a> )
 DisplayRectangle	(Inherited from <a href="#">ScrollableControl.</a> )
 Disposing	(Inherited from <a href="#">Control.</a> )
 Dock	(Inherited from <a href="#">Control.</a> )
 DoubleBuffered	(Inherited from <a href="#">Control.</a> )
 Enabled	(Inherited from <a href="#">Control.</a> )
 Events	(Inherited from <a href="#">Component.</a> )
 Focused	(Inherited from <a href="#">Control.</a> )
 Font	(Inherited from <a href="#">Control.</a> )
 FontHeight	(Inherited from <a href="#">Control.</a> )
 ForeColor	(Inherited from <a href="#">Control.</a> )
 Handle	(Inherited from <a href="#">Control.</a> )
 HasChildren	(Inherited from <a href="#">Control.</a> )
 Height	(Inherited from <a href="#">Control.</a> )
 HorizontalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 HScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 ImeMode	(Inherited from <a href="#">Control.</a> )
 ImeModeBase	(Inherited from <a href="#">Control.</a> )
 InvokeRequired	(Inherited from <a href="#">Control.</a> )
 IsAccessible	(Inherited from <a href="#">Control.</a> )
 IsDisposed	(Inherited from <a href="#">Control.</a> )
 IsHandleCreated	(Inherited from <a href="#">Control.</a> )
 IsMirrored	(Inherited from <a href="#">Control.</a> )


























 LayoutEngine	(Inherited from <a href="#">Control.</a> )
 Left	(Inherited from <a href="#">Control.</a> )
 Location	(Inherited from <a href="#">Control.</a> )
 Margin	(Inherited from <a href="#">Control.</a> )
 MaximumSize	(Inherited from <a href="#">Control.</a> )
 MinimumSize	(Inherited from <a href="#">Control.</a> )
 Name	(Inherited from <a href="#">Control.</a> )
 Padding	(Inherited from <a href="#">Control.</a> )
 Parent	(Inherited from <a href="#">Control.</a> )
 ParentForm	(Inherited from <a href="#">ContainerControl.</a> )
 PreferredSize	(Inherited from <a href="#">Control.</a> )
 ProductName	(Inherited from <a href="#">Control.</a> )
 ProductVersion	(Inherited from <a href="#">Control.</a> )
 RecreatingHandle	(Inherited from <a href="#">Control.</a> )
 Region	(Inherited from <a href="#">Control.</a> )
 RenderRightToLeft	(Inherited from <a href="#">Control.</a> )
 ResizeRedraw	(Inherited from <a href="#">Control.</a> )
 Right	(Inherited from <a href="#">Control.</a> )
 RightToLeft	(Inherited from <a href="#">Control.</a> )
 ScaleChildren	(Inherited from <a href="#">Control.</a> )
 ShowFocusCues	(Inherited from <a href="#">Control.</a> )
 ShowKeyboardCues	(Inherited from <a href="#">Control.</a> )
 Site	(Inherited from <a href="#">Control.</a> )
 Size	(Inherited from <a href="#">Control.</a> )
 TabIndex	(Inherited from <a href="#">Control.</a> )
 TabStop	(Inherited from <a href="#">Control.</a> )
 Tag	(Inherited from <a href="#">Control.</a> )
 Text	(Inherited from <a href="#">Control.</a> )
 Top	(Inherited from <a href="#">Control.</a> )
 TopLevelControl	(Inherited from <a href="#">Control.</a> )
 UseWaitCursor	(Inherited from <a href="#">Control.</a> )
 VerticalScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 Visible	(Inherited from <a href="#">Control.</a> )

 VScroll	(Inherited from <a href="#">ScrollableControl.</a> )
 Width	(Inherited from <a href="#">Control.</a> )
































## Methods



















Name	Description
 AccessibilityNotifyClients(AccessibleEvents, Int32)	(Inherited from <a href="#">Control.</a> )
 AccessibilityNotifyClients(AccessibleEvents, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 AdjustFormScrollbars(Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
 BeginInvoke(Delegate)	(Inherited from <a href="#">Control.</a> )
 BeginInvoke(Delegate, Object[])	(Inherited from <a href="#">Control.</a> )
 BringToFront()	(Inherited from <a href="#">Control.</a> )
 Contains(Control)	(Inherited from <a href="#">Control.</a> )
 CreateAccessibilityInstance()	(Inherited from <a href="#">Control.</a> )
 CreateControl()	(Inherited from <a href="#">Control.</a> )
 CreateControlsInstance()	(Inherited from <a href="#">Control.</a> )
 CreateGraphics()	(Inherited from <a href="#">Control.</a> )
 CreateHandle()	(Inherited from <a href="#">Control.</a> )
 CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject.</a> )
 DefWndProc(Message)	(Inherited from <a href="#">Control.</a> )
 DestroyHandle()	(Inherited from <a href="#">Control.</a> )
 Dispose()	(Inherited from <a href="#">Component.</a> )
 Dispose(Boolean)	Disposes resources associated with the current instance.(O verrides <a href="#">ContainerControl.Dispose(Boolean).</a> )
 DoDragDrop(Object, DragDropEffects)	(Inherited from <a href="#">Control.</a> )
 DrawToBitmap(Bitmap, Rectangle)	(Inherited from <a href="#">Control.</a> )
 EndInvoke(IAsyncResult)	(Inherited from <a href="#">Control.</a> )
 Equals(Object)	(Inherited from <a href="#">Object.</a> )
 Finalize()	(Inherited from <a href="#">Component.</a> )
 FindForm()	(Inherited from <a href="#">Control.</a> )
 Focus()	(Inherited from <a href="#">Control.</a> )
 GetAccessibilityObjectById(Int32)	(Inherited from <a href="#">Control.</a> )
 GetAutoSizeMode()	(Inherited from <a href="#">Control.</a> )
 GetChildAtPoint(Point)	(Inherited from <a href="#">Control.</a> )
 GetChildAtPoint(Point, GetChildAtPointSkip)	(Inherited from <a href="#">Control.</a> )
 GetContainerControl()	(Inherited from <a href="#">Control.</a> )


































 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetNextControl(Control, Boolean)	(Inherited from <a href="#">Control</a> .)
 GetPreferredSize(Size)	(Inherited from <a href="#">Control</a> .)
 GetScaledBounds(Rectangle, SizeF, BoundsSpecified)	(Inherited from <a href="#">Control</a> .)
 GetScrollState(Int32)	(Inherited from <a href="#">ScrollableControl</a> .)
 GetService(Type)	(Inherited from <a href="#">Component</a> .)
 GetStyle(ControlStyles)	(Inherited from <a href="#">Control</a> .)
 GetTopLevel()	(Inherited from <a href="#">Control</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 Hide()	(Inherited from <a href="#">Control</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 InitLayout()	(Inherited from <a href="#">Control</a> .)
 Invalidate()	(Inherited from <a href="#">Control</a> .)
 Invalidate(Boolean)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Rectangle, Boolean)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Region)	(Inherited from <a href="#">Control</a> .)
 Invalidate(Region, Boolean)	(Inherited from <a href="#">Control</a> .)
 Invoke(Delegate)	(Inherited from <a href="#">Control</a> .)
 Invoke(Delegate, Object[])	(Inherited from <a href="#">Control</a> .)
 InvokeGotFocus(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokeLostFocus(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokeOnClick(Control, EventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokePaint(Control, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 InvokePaintBackground(Control, PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 IsInputChar(Char)	(Inherited from <a href="#">Control</a> .)
 IsInputKey(Keys)	(Inherited from <a href="#">Control</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject</a> .)
 NotifyInvalidate(Rectangle)	(Inherited from <a href="#">Control</a> .)
 OnAutoSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnAutoValidateChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)


















	OnBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnBackgroundImageLayoutChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnCausesValidationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnChangeUICues(UICuesEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnClientSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnContextMenuChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnContextMenuStripChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnControlAdded(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnControlRemoved(ControlEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnCreateControl()	(Inherited from <a href="#">UserControl</a> .)
	OnCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDockChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDoubleClick(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDragDrop(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDragEnter(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDragLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnDragOver(DragEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnFontChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
	OnForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnGiveFeedback(GiveFeedbackEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnGotFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnHandleCreated(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnHandleDestroyed(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnHelpRequested(HelpEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnImeModeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
	OnInvalidated(InvalidateEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnKeyDown(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
	OnKeyPress(KeyPressEventArgs)	(Inherited from <a href="#">Control</a> .)




 OnKeyUp(KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLayout(LayoutEventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLoad(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnLocationChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnLostFocus(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMarginChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseCaptureChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseClick(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDoubleClick(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseDown(MouseEventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnMouseEnter(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseHover(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseLeave(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseMove(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseUp(MouseEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnMouseWheel(MouseEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnMove(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnNotifyMessage(Message)	(Inherited from <a href="#">Control</a> .)
 OnPaddingChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnPaint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnPaintBackground(PaintEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnParentBackColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBackgroundImageChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentBindingContextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentChanged(EventArgs)	(Inherited from <a href="#">ContainerControl</a> .)
 OnParentCursorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentEnabledChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentFontChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentForeColorChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentRightToLeftChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnParentVisibleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnPreviewKeyDown(PreviewKeyDownEventArgs)	(Inherited from <a href="#">Control</a> .)


































 OnPrint(PaintEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnQueryContinueDrag(QueryContinueDragEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnRegionChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnResize(EventArgs)	(Inherited from <a href="#">UserControl</a> .)
 OnRightToLeftChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnScroll(ScrollEventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 OnSizeChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnStyleChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnSystemColorsChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTabIndexChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTabStopChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnTextChanged(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnValidated(EventArgs)	(Inherited from <a href="#">Control</a> .)
 OnValidating(CancelEventArgs)	(Inherited from <a href="#">Control</a> .)
 OnVisibleChanged(EventArgs)	(Inherited from <a href="#">ScrollableControl</a> .)
 PerformAutoScale()	(Inherited from <a href="#">ContainerControl</a> .)
 PerformLayout()	(Inherited from <a href="#">Control</a> .)
 PerformLayout(Control, String)	(Inherited from <a href="#">Control</a> .)
 PointToClient(Point)	(Inherited from <a href="#">Control</a> .)
 PointToScreen(Point)	(Inherited from <a href="#">Control</a> .)
 PreProcessControlMessage(Message)	(Inherited from <a href="#">Control</a> .)
 PreProcessMessage(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessCmdKey(Message, Keys)	(Inherited from <a href="#">ContainerControl</a> .)
 ProcessDialogChar(Char)	(Inherited from <a href="#">ContainerControl</a> .)
 ProcessDialogKey(Keys)	(Inherited from <a href="#">ContainerControl</a> .)
 ProcessKeyEventArgs(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessKeyMessage(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessKeyPreview(Message)	(Inherited from <a href="#">Control</a> .)
 ProcessMnemonic(Char)	(Inherited from <a href="#">ContainerControl</a> .)
 ProcessTabKey(Boolean)	(Inherited from <a href="#">ContainerControl</a> .)
 RaiseDragEvent(Object, DragEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseKeyEvent(Object, KeyEventArgs)	(Inherited from <a href="#">Control</a> .)
 RaiseMouseEvent(Object, MouseEventArgs)	(Inherited from <a href="#">Control</a> .)

 RaisePaintEvent(Object, PaintEventArgs)	(Inherited from <a href="#">Control.</a> )
 RecreateHandle()	(Inherited from <a href="#">Control.</a> )
 RectangleToClient(Rectangle)	(Inherited from <a href="#">Control.</a> )
 RectangleToScreen(Rectangle)	(Inherited from <a href="#">Control.</a> )
 Refresh()	(Inherited from <a href="#">Control.</a> )
 ResetMouseEventArgs()	(Inherited from <a href="#">Control.</a> )
 ResetText()	(Inherited from <a href="#">Control.</a> )
 ResumeLayout()	(Inherited from <a href="#">Control.</a> )
 ResumeLayout(Boolean)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(ContentAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(HorizontalAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateAlignment(LeftRightAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateContent(ContentAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateHorizontal(HorizontalAlignment)	(Inherited from <a href="#">Control.</a> )
 RtlTranslateLeftRight(LeftRightAlignment)	(Inherited from <a href="#">Control.</a> )
 Scale(SizeF)	(Inherited from <a href="#">Control.</a> )
 ScaleControl(SizeF, BoundsSpecified)	(Inherited from <a href="#">ScrollableControl.</a> )
 ScrollControlIntoView(Control)	(Inherited from <a href="#">ScrollableControl.</a> )
 ScrollToControl(Control)	(Inherited from <a href="#">ScrollableControl.</a> )
 Select()	(Inherited from <a href="#">Control.</a> )
 Select(Boolean, Boolean)	(Inherited from <a href="#">ContainerControl.</a> )
 SelectNextControl(Control, Boolean, Boolean, Boolean, Boolean)	(Inherited from <a href="#">Control.</a> )
 SendToBack()	(Inherited from <a href="#">Control.</a> )
 SetAutoScrollMargin(Int32, Int32)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetAutoSizeMode(AutoSizeMode)	(Inherited from <a href="#">Control.</a> )
 SetBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 SetBounds(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control.</a> )
 SetBoundsCore(Int32, Int32, Int32, Int32, BoundsSpecified)	(Inherited from <a href="#">Control.</a> )
 SetClientSizeCore(Int32, Int32)	(Inherited from <a href="#">Control.</a> )
 SetDisplayRectLocation(Int32, Int32)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetScrollState(Int32, Boolean)	(Inherited from <a href="#">ScrollableControl.</a> )
 SetStyle(ControlStyles, Boolean)	(Inherited from <a href="#">Control.</a> )
 SetTopLevel(Boolean)	(Inherited from <a href="#">Control.</a> )

 SetVisibleCore(Boolean)	(Inherited from <a href="#">Control</a> .)
 Show()	(Inherited from <a href="#">Control</a> .)
 SizeFromClientSize(Size)	(Inherited from <a href="#">Control</a> .)
 SuspendLayout()	(Inherited from <a href="#">Control</a> .)
 ToString()	(Inherited from <a href="#">Component</a> .)
 Update()	(Inherited from <a href="#">Control</a> .)
 UpdateBounds()	(Inherited from <a href="#">Control</a> .)
 UpdateBounds(Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 UpdateBounds(Int32, Int32, Int32, Int32, Int32, Int32)	(Inherited from <a href="#">Control</a> .)
 UpdateDefaultButton()	(Inherited from <a href="#">ContainerControl</a> .)
 UpdateStyles()	(Inherited from <a href="#">Control</a> .)
 UpdateZOrder()	(Inherited from <a href="#">Control</a> .)
 Validate()	(Inherited from <a href="#">ContainerControl</a> .)
 Validate(Boolean)	(Inherited from <a href="#">ContainerControl</a> .)
 ValidateChildren()	(Inherited from <a href="#">UserControl</a> .)
 ValidateChildren(ValidationConstraints)	(Inherited from <a href="#">UserControl</a> .)
 WndProc(Message)	(Inherited from <a href="#">UserControl</a> .)






#### Events

Name	Description
 AutoSizeChanged	(Inherited from <a href="#">UserControl</a> .)
 AutoValidateChanged	(Inherited from <a href="#">UserControl</a> .)
 BackColorChanged	(Inherited from <a href="#">Control</a> .)
 BackgroundImageChanged	(Inherited from <a href="#">Control</a> .)
 BackgroundImageLayoutChanged	(Inherited from <a href="#">Control</a> .)
 BindingContextChanged	(Inherited from <a href="#">Control</a> .)
 CausesValidationChanged	(Inherited from <a href="#">Control</a> .)
 ChangeUICues	(Inherited from <a href="#">Control</a> .)
 Click	(Inherited from <a href="#">Control</a> .)
 ClientSizeChanged	(Inherited from <a href="#">Control</a> .)
 ContextMenuChanged	(Inherited from <a href="#">Control</a> .)
 ContextMenuStripChanged	(Inherited from <a href="#">Control</a> .)
 ControlAdded	(Inherited from <a href="#">Control</a> .)
 ControlRemoved	(Inherited from <a href="#">Control</a> .)

 CursorChanged	(Inherited from <a href="#">Control.</a> )
 Disposed	(Inherited from <a href="#">Component.</a> )
 DockChanged	(Inherited from <a href="#">Control.</a> )
 DoubleClick	(Inherited from <a href="#">Control.</a> )
 DragDrop	(Inherited from <a href="#">Control.</a> )
 DragEnter	(Inherited from <a href="#">Control.</a> )
 DragLeave	(Inherited from <a href="#">Control.</a> )
 DragOver	(Inherited from <a href="#">Control.</a> )
 EnabledChanged	(Inherited from <a href="#">Control.</a> )
 Enter	(Inherited from <a href="#">Control.</a> )
 FontChanged	(Inherited from <a href="#">Control.</a> )
 ForeColorChanged	(Inherited from <a href="#">Control.</a> )
 GiveFeedback	(Inherited from <a href="#">Control.</a> )
 GotFocus	(Inherited from <a href="#">Control.</a> )
 HandleCreated	(Inherited from <a href="#">Control.</a> )
 HandleDestroyed	(Inherited from <a href="#">Control.</a> )
 HelpRequested	(Inherited from <a href="#">Control.</a> )
 ImeModeChanged	(Inherited from <a href="#">Control.</a> )
 Invalidated	(Inherited from <a href="#">Control.</a> )
 KeyDown	(Inherited from <a href="#">Control.</a> )
 KeyPress	(Inherited from <a href="#">Control.</a> )
 KeyUp	(Inherited from <a href="#">Control.</a> )
 Layout	(Inherited from <a href="#">Control.</a> )
 Leave	(Inherited from <a href="#">Control.</a> )
 Load	(Inherited from <a href="#">UserControl.</a> )
 LocationChanged	(Inherited from <a href="#">Control.</a> )
 LostFocus	(Inherited from <a href="#">Control.</a> )
 MarginChanged	(Inherited from <a href="#">Control.</a> )
 MouseCaptureChanged	(Inherited from <a href="#">Control.</a> )
 MouseClick	(Inherited from <a href="#">Control.</a> )
 MouseDoubleClick	(Inherited from <a href="#">Control.</a> )
 MouseDown	(Inherited from <a href="#">Control.</a> )
 MouseEnter	(Inherited from <a href="#">Control.</a> )

 MouseHover	(Inherited from <a href="#">Control</a> .)
 MouseLeave	(Inherited from <a href="#">Control</a> .)
 MouseMove	(Inherited from <a href="#">Control</a> .)
 MouseUp	(Inherited from <a href="#">Control</a> .)
 MouseWheel	(Inherited from <a href="#">Control</a> .)
 Move	(Inherited from <a href="#">Control</a> .)
 PaddingChanged	(Inherited from <a href="#">Control</a> .)
 Paint	(Inherited from <a href="#">Control</a> .)
 ParentChanged	(Inherited from <a href="#">Control</a> .)
 PreviewKeyDown	(Inherited from <a href="#">Control</a> .)
 QueryAccessibilityHelp	(Inherited from <a href="#">Control</a> .)
 QueryContinueDrag	(Inherited from <a href="#">Control</a> .)
 RegionChanged	(Inherited from <a href="#">Control</a> .)
 Resize	(Inherited from <a href="#">Control</a> .)
 RightToLeftChanged	(Inherited from <a href="#">Control</a> .)
 Scroll	(Inherited from <a href="#">ScrollableControl</a> .)
 SizeChanged	(Inherited from <a href="#">Control</a> .)
 StyleChanged	(Inherited from <a href="#">Control</a> .)
 SystemColorsChanged	(Inherited from <a href="#">Control</a> .)
 TabIndexChanged	(Inherited from <a href="#">Control</a> .)
 TabStopChanged	(Inherited from <a href="#">Control</a> .)
 TextChanged	(Inherited from <a href="#">Control</a> .)
 Validated	(Inherited from <a href="#">Control</a> .)
 Validating	(Inherited from <a href="#">Control</a> .)
 VisibleChanged	(Inherited from <a href="#">Control</a> .)

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">IContainerControl.ActivateControl(Control)</a>	(Inherited from <a href="#">ContainerControl</a> .)
	<a href="#">IDropTarget.OnDragDrop(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget.OnDragEnter(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget.OnDragLeave(EventArgs)</a>	(Inherited from <a href="#">Control</a> .)
	<a href="#">IDropTarget.OnDragOver(DragEventArgs)</a>	(Inherited from <a href="#">Control</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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# WizardProductImage Members

Represents the wizard product image.











The following tables list the members exposed by the [WizardProductImage](#) type.

## Public Constructors

Name	Description
<a href="#">WizardProductImage</a>	Creates a new instance of the <a href="#">WizardProductImage</a> class.



































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## Protected Fields





























	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )









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## Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )




























	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Enabled</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focused</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Font</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Handle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HasChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Height</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HorizontalScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeRequired</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsAccessible</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsDisposed</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsHandleCreated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsMirrored</a>	(inherited from <a href="#">Control</a> )
	<a href="#">LayoutEngine</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Left</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Location</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Margin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MinimumSize</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">ModifierKeys</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MouseButtons</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">MousePosition</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Padding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Parent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentForm</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProductVersion</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreatingHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Region</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Right</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Size</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndex</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Tag</a>	(inherited from <a href="#">Control</a> )

	Text	(inherited from <a href="#">UserControl</a> )
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )













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



































#### Protected Properties

	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )
	CreateParams	(inherited from <a href="#">UserControl</a> )
	DefaultCursor	(inherited from <a href="#">Control</a> )
	DefaultImeMode	(inherited from <a href="#">Control</a> )
	DefaultMargin	(inherited from <a href="#">Control</a> )
	DefaultMaximumSize	(inherited from <a href="#">Control</a> )
	DefaultMinimumSize	(inherited from <a href="#">Control</a> )
	DefaultPadding	(inherited from <a href="#">Control</a> )
	DefaultSize	(inherited from <a href="#">UserControl</a> )
	DesignMode	(inherited from <a href="#">Component</a> )
	DoubleBuffered	(inherited from <a href="#">Control</a> )
	Events	(inherited from <a href="#">Component</a> )
	FontHeight	(inherited from <a href="#">Control</a> )
	HScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeModeBase	(inherited from <a href="#">Control</a> )
	 PropagatingImeMode	(inherited from <a href="#">Control</a> )
	RenderRightToLeft	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	ResizeRedraw	(inherited from <a href="#">Control</a> )
	ScaleChildren	(inherited from <a href="#">Control</a> )
	ShowFocusCues	(inherited from <a href="#">Control</a> )
	ShowKeyboardCues	(inherited from <a href="#">Control</a> )
	VScroll	(inherited from <a href="#">ScrollableControl</a> )

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#### Public Methods (see also [Protected Methods](#))




















































	Name	Description
	BeginInvoke	Overloaded. (inherited from <a href="#">Control</a> )
	BringToFront	(inherited from <a href="#">Control</a> )
	Contains	(inherited from <a href="#">Control</a> )
	CreateControl	(inherited from <a href="#">Control</a> )
	CreateGraphics	(inherited from <a href="#">Control</a> )
	CreateObjRef	(inherited from <a href="#">MarshalByRefObject</a> )
	Dispose	Overloaded.
	DoDragDrop	(inherited from <a href="#">Control</a> )
	DrawToBitmap	(inherited from <a href="#">Control</a> )
	EndInvoke	(inherited from <a href="#">Control</a> )
	Equals	Overloaded. (inherited from <a href="#">Object</a> )
	FindForm	(inherited from <a href="#">Control</a> )
	Focus	(inherited from <a href="#">Control</a> )
	 FromChildHandle	(inherited from <a href="#">Control</a> )
	 FromHandle	(inherited from <a href="#">Control</a> )
	GetChildAtPoint	Overloaded. (inherited from <a href="#">Control</a> )




















































	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	 <a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SelectNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SendToBack</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetAutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Show</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SuspendLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validate</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">ValidateChildren</a>	Overloaded. (inherited from <a href="#">UserControl</a> )

































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#### Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )





















	Dispose	Overloaded. Overridden.
	Finalize	(inherited from <a href="#">Component</a> )
	GetAccessibilityObjectById	(inherited from <a href="#">Control</a> )
	GetAutoSizeMode	(inherited from <a href="#">Control</a> )
	GetScaledBounds	(inherited from <a href="#">Control</a> )
	GetScrollState	(inherited from <a href="#">ScrollableControl</a> )
	GetService	(inherited from <a href="#">Component</a> )
	GetStyle	(inherited from <a href="#">Control</a> )
	GetTopLevel	(inherited from <a href="#">Control</a> )
	InitLayout	(inherited from <a href="#">Control</a> )
	InvokeGotFocus	(inherited from <a href="#">Control</a> )
	InvokeLostFocus	(inherited from <a href="#">Control</a> )
	InvokeOnClick	(inherited from <a href="#">Control</a> )
	InvokePaint	(inherited from <a href="#">Control</a> )
	InvokePaintBackground	(inherited from <a href="#">Control</a> )
	IsInputChar	(inherited from <a href="#">Control</a> )
	IsInputKey	(inherited from <a href="#">Control</a> )
	MemberwiseClone	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	NotifyInvalidated	(inherited from <a href="#">Control</a> )
	OnAutoSizeChanged	(inherited from <a href="#">Control</a> )
	OnAutoValidateChanged	(inherited from <a href="#">ContainerControl</a> )
	OnBackColorChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnBackgroundImageLayoutChanged	(inherited from <a href="#">Control</a> )
	OnBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnCausesValidationChanged	(inherited from <a href="#">Control</a> )
	OnChangeUICues	(inherited from <a href="#">Control</a> )
	OnClick	(inherited from <a href="#">Control</a> )
	OnClientSizeChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuChanged	(inherited from <a href="#">Control</a> )
	OnContextMenuStripChanged	(inherited from <a href="#">Control</a> )
	OnControlAdded	(inherited from <a href="#">Control</a> )
	OnControlRemoved	(inherited from <a href="#">Control</a> )
	OnCreateControl	(inherited from <a href="#">UserControl</a> )
	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )

	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )
	OnQueryContinueDrag	(inherited from <a href="#">Control</a> )
	OnRegionChanged	(inherited from <a href="#">Control</a> )
	OnResize	(inherited from <a href="#">UserControl</a> )
	OnRightToLeftChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnScroll	(inherited from <a href="#">ScrollableControl</a> )
	OnSizeChanged	(inherited from <a href="#">Control</a> )
	OnStyleChanged	(inherited from <a href="#">Control</a> )
	OnSystemColorsChanged	(inherited from <a href="#">Control</a> )
	OnTabIndexChanged	(inherited from <a href="#">Control</a> )
	OnTabStopChanged	(inherited from <a href="#">Control</a> )
	OnTextChanged	(inherited from <a href="#">Control</a> )
	OnValidated	(inherited from <a href="#">Control</a> )
	OnValidating	(inherited from <a href="#">Control</a> )
	OnVisibleChanged	(inherited from <a href="#">ScrollableControl</a> )
	ProcessCmdKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogChar	(inherited from <a href="#">ContainerControl</a> )
	ProcessDialogKey	(inherited from <a href="#">ContainerControl</a> )
	ProcessKeyEventArgs	(inherited from <a href="#">Control</a> )
	ProcessKeyMessage	(inherited from <a href="#">Control</a> )
	ProcessKeyPreview	(inherited from <a href="#">Control</a> )

	<a href="#">ProcessMnemonic</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessTabKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">RaiseDragEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseKeyEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseMouseEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaisePaintEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreateHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReflectMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetMouseEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateContent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateHorizontal</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateLeftRight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScaleCore</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollToControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetBoundsCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetClientSizeCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetDisplayRectLocation</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetVisibleCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SizeFromClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">UpdateDefaultButton</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">UpdateStyles</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateZOrder</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WndProc</a>	(inherited from <a href="#">UserControl</a> )

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#### Public Events

<b>Name</b>	<b>Description</b>
 <a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
 <a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Click</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
 <a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
 <a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DockChanged</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DoubleClick</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragDrop</a>	(inherited from <a href="#">Control</a> )
 <a href="#">DragEnter</a>	(inherited from <a href="#">Control</a> )

⚡ DragLeave	(inherited from <a href="#">Control</a> )
⚡ DragOver	(inherited from <a href="#">Control</a> )
⚡ EnabledChanged	(inherited from <a href="#">Control</a> )
⚡ Enter	(inherited from <a href="#">Control</a> )
⚡ FontChanged	(inherited from <a href="#">Control</a> )
⚡ ForeColorChanged	(inherited from <a href="#">Control</a> )
⚡ GiveFeedback	(inherited from <a href="#">Control</a> )
⚡ GotFocus	(inherited from <a href="#">Control</a> )
⚡ HandleCreated	(inherited from <a href="#">Control</a> )
⚡ HandleDestroyed	(inherited from <a href="#">Control</a> )
⚡ HelpRequested	(inherited from <a href="#">Control</a> )
⚡ ImeModeChanged	(inherited from <a href="#">Control</a> )
⚡ Invalidated	(inherited from <a href="#">Control</a> )
⚡ KeyDown	(inherited from <a href="#">Control</a> )
⚡ KeyPress	(inherited from <a href="#">Control</a> )
⚡ KeyUp	(inherited from <a href="#">Control</a> )
⚡ Layout	(inherited from <a href="#">Control</a> )
⚡ Leave	(inherited from <a href="#">Control</a> )
⚡ Load	(inherited from <a href="#">UserControl</a> )
⚡ LocationChanged	(inherited from <a href="#">Control</a> )
⚡ LostFocus	(inherited from <a href="#">Control</a> )
⚡ MarginChanged	(inherited from <a href="#">Control</a> )
⚡ MouseCaptureChanged	(inherited from <a href="#">Control</a> )
⚡ MouseClick	(inherited from <a href="#">Control</a> )
⚡ MouseDoubleClick	(inherited from <a href="#">Control</a> )
⚡ MouseDown	(inherited from <a href="#">Control</a> )
⚡ MouseEnter	(inherited from <a href="#">Control</a> )
⚡ MouseHover	(inherited from <a href="#">Control</a> )
⚡ MouseLeave	(inherited from <a href="#">Control</a> )
⚡ MouseMove	(inherited from <a href="#">Control</a> )
⚡ MouseUp	(inherited from <a href="#">Control</a> )
⚡ MouseWheel	(inherited from <a href="#">Control</a> )
⚡ Move	(inherited from <a href="#">Control</a> )
⚡ PaddingChanged	(inherited from <a href="#">Control</a> )
⚡ Paint	(inherited from <a href="#">Control</a> )
⚡ ParentChanged	(inherited from <a href="#">Control</a> )
⚡ PreviewKeyDown	(inherited from <a href="#">Control</a> )
⚡ QueryAccessibilityHelp	(inherited from <a href="#">Control</a> )
⚡ QueryContinueDrag	(inherited from <a href="#">Control</a> )
⚡ RegionChanged	(inherited from <a href="#">Control</a> )
⚡ Resize	(inherited from <a href="#">Control</a> )
⚡ RightToLeftChanged	(inherited from <a href="#">Control</a> )
⚡ Scroll	(inherited from <a href="#">ScrollableControl</a> )
⚡ SizeChanged	(inherited from <a href="#">Control</a> )
⚡ StyleChanged	(inherited from <a href="#">Control</a> )
⚡ SystemColorsChanged	(inherited from <a href="#">Control</a> )
⚡ TabIndexChanged	(inherited from <a href="#">Control</a> )
⚡ TabStopChanged	(inherited from <a href="#">Control</a> )
⚡ TextChanged	(inherited from <a href="#">UserControl</a> )
⚡ Validated	(inherited from <a href="#">Control</a> )
⚡ Validating	(inherited from <a href="#">Control</a> )
⚡ VisibleChanged	(inherited from <a href="#">Control</a> )

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Explicit Interface Implementations



Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

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[See Also](#)

**Reference**











[WizardProductImage Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)



# WizardProductImage Fields

Protected Fields

	Name	Description
 	<a href="#">ScrollStateAutoScrolling</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateFullDrag</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateHScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateUserHasScrolled</a>	(inherited from <a href="#">ScrollableControl</a> )
 	<a href="#">ScrollStateVScrollVisible</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

Reference

[WizardProductImage Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# WizardProductImage Constructor

Creates a new instance of the [WizardProductImage](#) class.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WizardProductImage ()
```

C++

```
public:  
WizardProductImage ()
```

J#

```
public WizardProductImage ()
```

JScript

```
public function WizardProductImage ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**























































[WizardProductImage Class](#)












[WizardProductImage Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)






































# WizardProductImage Methods


















































Public Methods (see also [Protected Methods](#))



















































	Name	Description
	<a href="#">BeginInvoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">BringToFront</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Contains</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateGraphics</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">DoDragDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DrawToBitmap</a>	(inherited from <a href="#">Control</a> )
	<a href="#">EndInvoke</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FindForm</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Focus</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromChildHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">FromHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetChildAtPoint</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">GetContainerControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetNextControl</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetPreferredSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Hide</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Invalidate</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Invoke</a>	Overloaded. (inherited from <a href="#">Control</a> )
	 <a href="#">IsKeyLocked</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">IsMnemonic</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PerformAutoScale</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">PerformLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">PointToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PointToScreen</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessControlMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreProcessMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToClient</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RectangleToScreen</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Refresh</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetBindings</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetCursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetFont</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetRightToLeft</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetText</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResumeLayout</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">Scale</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">ScrollControlIntoView</a>	(inherited from <a href="#">ScrollableControl</a> )

	Select	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	SelectNextControl	(inherited from <a href="#">Control</a> )
	SendToBack	(inherited from <a href="#">Control</a> )
	SetAutoScrollMargin	(inherited from <a href="#">ScrollableControl</a> )
	SetBounds	Overloaded. (inherited from <a href="#">Control</a> )
	Show	(inherited from <a href="#">Control</a> )
	SuspendLayout	(inherited from <a href="#">Control</a> )
	ToString	(inherited from <a href="#">Component</a> )
	Update	(inherited from <a href="#">Control</a> )
	Validate	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	ValidateChildren	Overloaded. (inherited from <a href="#">UserControl</a> )

#### Protected Methods

	Name	Description
	<a href="#">AccessibilityNotifyClients</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">AdjustFormScrollbars</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">CreateAccessibilityInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateControlsInstance</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CreateHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefWndProc</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DestroyHandle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetAccessibilityObjectById</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScaledBounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">GetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InitLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeGotFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeLostFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokeOnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">InvokePaintBackground</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputChar</a>	(inherited from <a href="#">Control</a> )
	<a href="#">IsInputKey</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">NotifyInvalidated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnAutoValidateChanged</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">OnBackColorChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnBindingContextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnChangeUICues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClick</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlAdded</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnControlRemoved</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnCreateControl</a>	(inherited from <a href="#">UserControl</a> )

	OnCursorChanged	(inherited from <a href="#">Control</a> )
	OnDockChanged	(inherited from <a href="#">Control</a> )
	OnDoubleClick	(inherited from <a href="#">Control</a> )
	OnDragDrop	(inherited from <a href="#">Control</a> )
	OnDragEnter	(inherited from <a href="#">Control</a> )
	OnDragLeave	(inherited from <a href="#">Control</a> )
	OnDragOver	(inherited from <a href="#">Control</a> )
	OnEnabledChanged	(inherited from <a href="#">Control</a> )
	OnEnter	(inherited from <a href="#">Control</a> )
	OnFontChanged	(inherited from <a href="#">ContainerControl</a> )
	OnForeColorChanged	(inherited from <a href="#">Control</a> )
	OnGiveFeedback	(inherited from <a href="#">Control</a> )
	OnGotFocus	(inherited from <a href="#">Control</a> )
	OnHandleCreated	(inherited from <a href="#">Control</a> )
	OnHandleDestroyed	(inherited from <a href="#">Control</a> )
	OnHelpRequested	(inherited from <a href="#">Control</a> )
	OnImeModeChanged	(inherited from <a href="#">Control</a> )
	OnInvalidated	(inherited from <a href="#">Control</a> )
	OnKeyDown	(inherited from <a href="#">Control</a> )
	OnKeyPress	(inherited from <a href="#">Control</a> )
	OnKeyUp	(inherited from <a href="#">Control</a> )
	OnLayout	(inherited from <a href="#">ContainerControl</a> )
	OnLeave	(inherited from <a href="#">Control</a> )
	OnLoad	(inherited from <a href="#">UserControl</a> )
	OnLocationChanged	(inherited from <a href="#">Control</a> )
	OnLostFocus	(inherited from <a href="#">Control</a> )
	OnMarginChanged	(inherited from <a href="#">Control</a> )
	OnMouseCaptureChanged	(inherited from <a href="#">Control</a> )
	OnMouseClicked	(inherited from <a href="#">Control</a> )
	OnMouseDoubleClick	(inherited from <a href="#">Control</a> )
	OnMouseDown	(inherited from <a href="#">UserControl</a> )
	OnMouseEnter	(inherited from <a href="#">Control</a> )
	OnMouseHover	(inherited from <a href="#">Control</a> )
	OnMouseLeave	(inherited from <a href="#">Control</a> )
	OnMouseMove	(inherited from <a href="#">Control</a> )
	OnMouseUp	(inherited from <a href="#">Control</a> )
	OnMouseWheel	(inherited from <a href="#">ScrollableControl</a> )
	OnMove	(inherited from <a href="#">Control</a> )
	OnNotifyMessage	(inherited from <a href="#">Control</a> )
	OnPaddingChanged	(inherited from <a href="#">ScrollableControl</a> )
	OnPaint	(inherited from <a href="#">Control</a> )
	OnPaintBackground	(inherited from <a href="#">ScrollableControl</a> )
	OnParentBackColorChanged	(inherited from <a href="#">Control</a> )
	OnParentBackgroundImageChanged	(inherited from <a href="#">Control</a> )
	OnParentBindingContextChanged	(inherited from <a href="#">Control</a> )
	OnParentChanged	(inherited from <a href="#">ContainerControl</a> )
	OnParentCursorChanged	(inherited from <a href="#">Control</a> )
	OnParentEnabledChanged	(inherited from <a href="#">Control</a> )
	OnParentFontChanged	(inherited from <a href="#">Control</a> )
	OnParentForeColorChanged	(inherited from <a href="#">Control</a> )
	OnParentRightToLeftChanged	(inherited from <a href="#">Control</a> )
	OnParentVisibleChanged	(inherited from <a href="#">Control</a> )
	OnPreviewKeyDown	(inherited from <a href="#">Control</a> )
	OnPrint	(inherited from <a href="#">Control</a> )

	<a href="#">OnQueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnRegionChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnResize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">OnRightToLeftChanged</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">OnScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">OnSizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnStyleChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnSystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnTabIndexChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnTabStopChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnTextChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnValidated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnValidating</a>	(inherited from <a href="#">Control</a> )
	<a href="#">OnVisibleChanged</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ProcessCmdKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessDialogChar</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessDialogKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessKeyEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessKeyPreview</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ProcessMnemonic</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">ProcessTabKey</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">RaiseDragEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseKeyEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaiseMouseEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RaisePaintEvent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RecreateHandle</a>	(inherited from <a href="#">Control</a> )
	 <a href="#">ReflectMessage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ResetMouseEventArgs</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateAlignment</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateContent</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateHorizontal</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RtlTranslateLeftRight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScaleCore</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ScrollToControl</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Select</a>	Overloaded. (inherited from <a href="#">ContainerControl</a> )
	<a href="#">SetAutoSizeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetBoundsCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetClientSizeCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetDisplayRectLocation</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetScrollState</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SetStyle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetTopLevel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SetVisibleCore</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SizeFromClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateBounds</a>	Overloaded. (inherited from <a href="#">Control</a> )
	<a href="#">UpdateDefaultButton</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">UpdateStyles</a>	(inherited from <a href="#">Control</a> )
	<a href="#">UpdateZOrder</a>	(inherited from <a href="#">Control</a> )
	<a href="#">WndProc</a>	(inherited from <a href="#">UserControl</a> )

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Windows.Forms.IContainerControl.ActivateControl</a>	(inherited from <a href="#">ContainerControl</a> )

<a href="#">System.Windows.Forms.IDropTarget.OnDragDrop</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragEnter</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragLeave</a>	(inherited from <a href="#">Control</a> )
<a href="#">System.Windows.Forms.IDropTarget.OnDragOver</a>	(inherited from <a href="#">Control</a> )

See Also

**Reference**

[WizardProductImage Class](#)



[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# WizardProductImage.Dispose Method

**Namespace:** [Microsoft.HostIntegration.DataAccessLibrary](#)

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in Microsoft.HostIntegration.DataAccessLibrary.dll)

## Overload List

	Name	Description
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	Disposes resources associated with the current instance.(Overrides <a href="#">ContainerControl.Dispose(Boolean)</a> .)

See Also

[WizardProductImage Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

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### WizardProductImage.Dispose Method (Boolean)

Disposes resources associated with the current instance.

Syntax

C#

```
protected override void Dispose(  
    bool disposing  
)
```

C++

```
protected:  
virtual void Dispose(  
    bool disposing  
) override
```

F#

```
override Dispose :  
    disposing:bool -> unit
```

VB

```
Protected Overrides Sub Dispose (  
    disposing As Boolean  
)
```

### Parameters

*disposing*

Type: [System.Boolean](#)

**True** if currently disposing; otherwise, **false**.

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# WizardProductImage.Dispose Method (Boolean)

Disposes resources associated with the current instance.

**Namespace:** Microsoft.HostIntegration.DataAccessLibrary

**Assembly:** Microsoft.HostIntegration.DataAccessLibrary (in microsoft.hostintegration.dataaccesslibrary.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Dispose ( _
    disposing As Boolean _
)
```

C#

```
protected override void Dispose (
    bool disposing
)
```

C++

```
protected:
virtual void Dispose (
    bool disposing
) override
```

J#

```
protected void Dispose (
    boolean disposing
)
```

JScript

```
protected override function Dispose (
    disposing : boolean
)
```

## Parameters

disposing

**True** if currently disposing; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















































[WizardProductImage Class](#)










[WizardProductImage Members](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)






# WizardProductImage Properties





















Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AccessibilityObject</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDefaultActionDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleDescription</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AccessibleRole</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ActiveControl</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AllowDrop</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Anchor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScaleMode</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">AutoScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMargin</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollMinSize</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoScrollOffset</a>	(inherited from <a href="#">Control</a> )
	<a href="#">AutoScrollPosition</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">AutoSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoSizeMode</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">AutoValidate</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">BackColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImage</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BackgroundImageLayout</a>	(inherited from <a href="#">Control</a> )
	<a href="#">BindingContext</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">BorderStyle</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Bottom</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Bounds</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CanSelect</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Capture</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CausesValidation</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">CheckForIllegalCrossThreadCalls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientRectangle</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ClientSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CompanyName</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContainsFocus</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenu</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ContextMenuStrip</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Controls</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Created</a>	(inherited from <a href="#">Control</a> )
	<a href="#">CurrentAutoScaleDimensions</a>	(inherited from <a href="#">ContainerControl</a> )
	<a href="#">Cursor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DataBindings</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultBackColor</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultFont</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">DefaultForeColor</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DisplayRectangle</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">Disposing</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Dock</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DockPadding</a>	(inherited from <a href="#">ScrollableControl</a> )

	Enabled	(inherited from <a href="#">Control</a> )
	Focused	(inherited from <a href="#">Control</a> )
	Font	(inherited from <a href="#">Control</a> )
	ForeColor	(inherited from <a href="#">Control</a> )
	Handle	(inherited from <a href="#">Control</a> )
	HasChildren	(inherited from <a href="#">Control</a> )
	Height	(inherited from <a href="#">Control</a> )
	HorizontalScroll	(inherited from <a href="#">ScrollableControl</a> )
	ImeMode	(inherited from <a href="#">Control</a> )
	InvokeRequired	(inherited from <a href="#">Control</a> )
	IsAccessible	(inherited from <a href="#">Control</a> )
	IsDisposed	(inherited from <a href="#">Control</a> )
	IsHandleCreated	(inherited from <a href="#">Control</a> )
	IsMirrored	(inherited from <a href="#">Control</a> )
	LayoutEngine	(inherited from <a href="#">Control</a> )
	Left	(inherited from <a href="#">Control</a> )
	Location	(inherited from <a href="#">Control</a> )
	Margin	(inherited from <a href="#">Control</a> )
	MaximumSize	(inherited from <a href="#">Control</a> )
	MinimumSize	(inherited from <a href="#">Control</a> )
	 ModifierKeys	(inherited from <a href="#">Control</a> )
	 MouseButtons	(inherited from <a href="#">Control</a> )
	 MousePosition	(inherited from <a href="#">Control</a> )
	Name	(inherited from <a href="#">Control</a> )
	Padding	(inherited from <a href="#">Control</a> )
	Parent	(inherited from <a href="#">Control</a> )
	ParentForm	(inherited from <a href="#">ContainerControl</a> )
	PreferredSize	(inherited from <a href="#">Control</a> )
	ProductName	(inherited from <a href="#">Control</a> )
	ProductVersion	(inherited from <a href="#">Control</a> )
	RecreatingHandle	(inherited from <a href="#">Control</a> )
	Region	(inherited from <a href="#">Control</a> )
	Right	(inherited from <a href="#">Control</a> )
	RightToLeft	(inherited from <a href="#">Control</a> )
	Site	(inherited from <a href="#">Control</a> )
	Size	(inherited from <a href="#">Control</a> )
	TabIndex	(inherited from <a href="#">Control</a> )
	TabStop	(inherited from <a href="#">Control</a> )
	Tag	(inherited from <a href="#">Control</a> )
	Text	(inherited from <a href="#">UserControl</a> )
	Top	(inherited from <a href="#">Control</a> )
	TopLevelControl	(inherited from <a href="#">Control</a> )
	UseWaitCursor	(inherited from <a href="#">Control</a> )
	VerticalScroll	(inherited from <a href="#">ScrollableControl</a> )
	Visible	(inherited from <a href="#">Control</a> )
	Width	(inherited from <a href="#">Control</a> )
	WindowTarget	(inherited from <a href="#">Control</a> )

#### Protected Properties

	Name	Description
	AutoScaleFactor	(inherited from <a href="#">ContainerControl</a> )
	CanEnableIme	(inherited from <a href="#">ContainerControl</a> )
	CanRaiseEvents	(inherited from <a href="#">Control</a> )
	CreateParams	(inherited from <a href="#">UserControl</a> )
	DefaultCursor	(inherited from <a href="#">Control</a> )

	<a href="#">DefaultImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMargin</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMaximumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultMinimumSize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultPadding</a>	(inherited from <a href="#">Control</a> )
	<a href="#">DefaultSize</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DoubleBuffered</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FontHeight</a>	(inherited from <a href="#">Control</a> )
	<a href="#">HScroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">ImeModeBase</a>	(inherited from <a href="#">Control</a> )
 	<a href="#">PropagatingImeMode</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RenderRightToLeft</a>	<b>Obsolete.</b> (inherited from <a href="#">Control</a> )
	<a href="#">ResizeRedraw</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ScaleChildren</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowFocusCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ShowKeyboardCues</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VScroll</a>	(inherited from <a href="#">ScrollableControl</a> )

See Also

#### Reference




















[WizardProductImage Class](#)

[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# WizardProductImage Events

## Public Events

	Name	Description
⚡	<a href="#">AutoSizeChanged</a>	(inherited from <a href="#">UserControl</a> )
⚡	<a href="#">AutoValidateChanged</a>	(inherited from <a href="#">UserControl</a> )
⚡	<a href="#">BackColorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BackgroundImageChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BackgroundImageLayoutChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">BindingContextChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">CausesValidationChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ChangeUICues</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Click</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ClientSizeChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ContextMenuChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ContextMenuStripChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ControlAdded</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ControlRemoved</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">CursorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
⚡	<a href="#">DockChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DoubleClick</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragDrop</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragEnter</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragLeave</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">DragOver</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">EnabledChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Enter</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">FontChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ForeColorChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">GiveFeedback</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">GotFocus</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HandleCreated</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HandleDestroyed</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">HelpRequested</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">ImeModeChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Invalidated</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyDown</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyPress</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">KeyUp</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Layout</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Leave</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">Load</a>	(inherited from <a href="#">UserControl</a> )
⚡	<a href="#">LocationChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">LostFocus</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MarginChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseCaptureChanged</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseClick</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseDoubleClick</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseDown</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseEnter</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseHover</a>	(inherited from <a href="#">Control</a> )
⚡	<a href="#">MouseLeave</a>	(inherited from <a href="#">Control</a> )

	<a href="#">MouseMove</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseUp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">MouseWheel</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Move</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PaddingChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Paint</a>	(inherited from <a href="#">Control</a> )
	<a href="#">ParentChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">PreviewKeyDown</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryAccessibilityHelp</a>	(inherited from <a href="#">Control</a> )
	<a href="#">QueryContinueDrag</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RegionChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Resize</a>	(inherited from <a href="#">Control</a> )
	<a href="#">RightToLeftChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Scroll</a>	(inherited from <a href="#">ScrollableControl</a> )
	<a href="#">SizeChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">StyleChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">SystemColorsChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabIndexChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TabStopChanged</a>	(inherited from <a href="#">Control</a> )
	<a href="#">TextChanged</a>	(inherited from <a href="#">UserControl</a> )
	<a href="#">Validated</a>	(inherited from <a href="#">Control</a> )
	<a href="#">Validating</a>	(inherited from <a href="#">Control</a> )
	<a href="#">VisibleChanged</a>	(inherited from <a href="#">Control</a> )

See Also

#### Reference






















[WizardProductImage Class](#)


[Microsoft.HostIntegration.DataAccessLibrary Namespace](#)

# Microsoft.HostIntegration.MsDb2Client Namespace





The Microsoft.HostIntegration.MsDb2Client namespace grants access to DB2 databases on remote servers.

## Classes





Class	Description
 <a href="#">MsDb2BulkCopy</a>	Represents the bulk copy of the MsDb2 client.
 <a href="#">MsDb2BulkCopyColumnMapping</a>	Represents the mapping between in a <a href="#">MsDb2BulkCopy</a> instances data source and a column in the instances destination table.
 <a href="#">MsDb2BulkCopyColumnMappingCollection</a>	Represents the collection of <a href="#">MsDb2BulkCopyColumnMapping</a> objects that inherits from collection base.
 <a href="#">MsDb2Command</a>	Represents a SQL statement or stored procedure to execute against a DB2 database.
 <a href="#">MsDb2CommandBuilder</a>	Automatically generates single-table commands used to reconcile changes made to a DataSet with the associated database.
 <a href="#">MsDb2Connection</a>	Opens, closes, and maintains a connection to a DB2 host.
 <a href="#">MsDb2ConnectionStringBuilder</a>	Provides a simple way to create and manage the contents of connection strings used by the MsDb2Connection class.
 <a href="#">MsDb2DataAdapter</a>	Represents a set of data commands and a database connection used to fill the DataSet and update a DB2 database
 <a href="#">MsDb2DataReader</a>	Describes a server-side forward-only cursor implementation that inherits from the IDataReader and IDataRecord interfaces.
 <a href="#">MsDb2Exception</a>	The exception that is thrown when a DB2 error occurs.
 <a href="#">MsDb2Factory</a>	Represents new instances of MsDb2Client objects, such as MsDb2Connection and MsDb2Command objects.
 <a href="#">MsDb2NetworkProperties</a>	<b>Obsolete.</b> Represents abstract base class for defining network-specific connection properties to a DB2 host.
 <a href="#">MsDb2NetworkPropertiesAPPC</a>	<b>Obsolete.</b> Defines the network-specific connection properties for connection to a DB2 host using the APPC protocol.
 <a href="#">MsDb2NetworkPropertiesTCP</a>	<b>Obsolete.</b> Defines the network-specific connection properties for connection to a DB2 host using the TCP protocol.
 <a href="#">MsDb2Parameter</a>	Represents a placeholder for a parameter in an SQL command.
 <a href="#">MsDb2ParameterCollection</a>	Represents a strongly typed collection of MsDb2Parameters.
 <a href="#">MsDb2Permission</a>	Enables the Managed Provider for DB2 to help ensure that a user has a security level adequate for accessing data.
 <a href="#">MsDb2PermissionAttribute</a>	Associates a security action with a security attribute for the MsDb2 data access provider.
 <a href="#">MsDb2RowsCopiedEventArgs</a>	Represents the set of arguments passed to the <a href="#">MsDb2RowsCopiedEventHandler</a> .
 <a href="#">MsDb2RowUpdatedEventArgs</a>	Provides data for the RowUpdated event.
 <a href="#">MsDb2RowUpdatingEventArgs</a>	Provides data for the RowUpdating event.

 <a href="#">MsDb2Transaction</a>	Describes a transaction to be performed at a data source.
--	---

#### Delegates

<b>Delegate</b>	<b>Description</b>
 <a href="#">MsDb2RowsCopiedEventHandler</a>	Represents the method that handles the <a href="#">RowsCopied</a> event of a <a href="#">MsDb2BulkCopy</a> .
 <a href="#">MsDb2RowUpdatedEventHandler</a>	Represents the method that will handle the <a href="#">MsDb2RowUpdatedEvent</a> of the <a href="#">MsDb2DataAdapter</a> .
 <a href="#">MsDb2RowUpdatingEventHandler</a>	Represents the method that handles the <a href="#">RowUpdating</a> event of the <a href="#">MsDb2DataAdapter</a> .
 <a href="#">TimeoutCallback</a>	Represents the method that handles call from a Timeout.

#### Enumerations

<b>Enumeration</b>	<b>Description</b>
 <a href="#">AppcSecurity</a>	Describes the APPC security settings.
 <a href="#">DBMSPlatform</a>	Specifies the target DB2 platform to optimize the Managed Provider when executing operations, such as data conversions.
 <a href="#">MsDb2Type</a>	Specifies the data type of a field, a property, or an <a href="#">MsDb2Parameter</a> .
 <a href="#">UnitsOfWorkType</a>	Specifies the type of transaction supported by the provider.

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# AppcSecurity Enumeration

Describes the APPC security settings.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public enum AppcSecurity
```

C++

```
public enum class AppcSecurity
```

F#

```
type AppcSecurity
```

VB

```
Public Enumeration AppcSecurity
```

Members

Member name	Description
<b>Program</b>	Program
<b>Same</b>	Same

See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# DBMSPlatform Enumeration

Specifies the target DB2 platform to optimize the Managed Provider when executing operations, such as data conversions.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

```
C#  
  
public enum DBMSPlatform
```

```
C++  
  
public enum class DBMSPlatform
```

```
F#  
  
type DBMSPlatform
```

```
VB  
  
Public Enumeration DBMSPlatform
```

Members

Member name	Description
DB26000	6000
DB2AS400	AS400
DB2MVS	MVS
DB2NT	Windows operating system

See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Command Class

Represents a SQL statement or stored procedure to execute against a DB2 database.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Data.Common.DbCommand](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2Command**

Syntax  
C#

```
public sealed class MsDb2Command : DbCommand, ICloneable
```

C++

```
public ref class MsDb2Command sealed : DbCommand, ICloneable
```





F#

```
[<Sealed>]  
type MsDb2Command =  
    class  
        inherit DbCommand  
        interface ICloneable  
    end
```





VB






```
Public NotInheritable Class MsDb2Command  
    Inherits DbCommand  
    Implements ICloneable
```

Constructors












	Name	Description
	<a href="#">MsDb2Command()</a>	Initializes a new instance of the <b>MsDb2Command</b> class.
	<a href="#">MsDb2Command(String)</a>	Initializes a new instance of the <b>MsDb2Command</b> class.
	<a href="#">MsDb2Command(String, MsDb2Connection)</a>	Initializes a new instance of the <b>MsDb2Command</b> class using the specified command text and connection.
	<a href="#">MsDb2Command(String, MsDb2Connection, MsDb2Transaction)</a>	Initializes a new instance of the <b>MsDb2Command</b> class using the specified command text, connection, and transaction.



Properties

	Name	Description
	<a href="#">CommandText</a>	Gets or sets the text command to run against the data source.(Overrides <a href="#">DbCommand.CommandText</a> .)
	<a href="#">CommandTimeout</a>	Gets or sets the wait time before terminating the attempt to execute a command and generating an error.(Overrides <a href="#">DbCommand.CommandTimeout</a> .)
	<a href="#">CommandType</a>	Indicates or specifies how the CommandText property is interpreted.(Overrides <a href="#">DbCommand.CommandType</a> .)
	<a href="#">Connection</a>	Gets or sets the MsDb2Connection used by this instance of the MsDb2Command.


 <b>Container</b>	(Inherited from <a href="#">Component</a> .)
 <b>Parameters</b>	Gets the MsDb2ParameterCollection.
 <b>Site</b>	(Inherited from <a href="#">Component</a> .)
 <b>Transaction</b>	Gets or sets the transaction within which the MsDb2Command object executes.
 <b>UpdatedRowSource</b>	Gets or sets how command results are applied to the DataRow when used by the Update method of a MsDb2DataAdapter.(Overrides <a href="#">DbCommand.UpdatedRowSource</a> .)

#### Methods




<b>Name</b>	<b>Description</b>
 <a href="#">Cancel()</a>	Attempts to cancels the execution of an MsDb2Command.(Overrides <a href="#">DbCommand.Cancel()</a> .)
 <a href="#">Clone()</a>	Creates a deep clone of the current instance.
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">CreateParameter()</a>	Creates a new instance of an IDbDataParameter object.
 <a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ExecuteNonQuery()</a>	Executes an SQL statement against the MsDb2Connection object, and returns the number of rows affected.(Overrides <a href="#">DbCommand.ExecuteNonQuery()</a> .)
 <a href="#">ExecuteNonQueryAsync()</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteNonQueryAsync(CancellationTok</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteReader()</a>	Executes the CommandText against the Connection and builds an MsDb2DataReader.
 <a href="#">ExecuteReader(CommandBehavior)</a>	Executes the CommandText against the MsDb2Connection, and builds an MsDb2DataReader using one of the CommandBehavior values.
 <a href="#">ExecuteReaderAsync()</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteReaderAsync(CancellationTok</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteReaderAsync(CommandBehavior)</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteReaderAsync(CommandBehavior, CancellationTok</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteScalar()</a>	Executes the query, and returns the first column of the first row in the resultset returned by the query. Extra columns or rows are ignored(Overrides <a href="#">DbCommand.ExecuteScalar()</a> .)
 <a href="#">ExecuteScalarAsync()</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">ExecuteScalarAsync(CancellationTok</a>	(Inherited from <a href="#">DbCommand</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)

 <a href="#">Prepare()</a>	Creates a prepared (or compiled) version of the command on the data source.(Overrides <a href="#">DbCommand.Prepare()</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Component</a> .)

#### Events

Name	Description
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component</a> .)

#### Explicit Interface Implementations

	Name	Description
	<a href="#">IDbCommand.CreateParameter()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">IDbCommand.ExecuteReader()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">IDbCommand.ExecuteReader(CommandBehavior)</a>	(Inherited from <a href="#">DbCommand</a> .)

#### Remarks

MsDB2Command is an implementation of the IDbCommand interface. An MsDb2Command represents a single query to a DB2 host system. These queries can be any DML, DDL, or stored procedure statement formatted for the specific DB2 platform. The MsDb2Command class does not perform any pre-parsing to verify the SQL statement. As MsDb2Command is a single SQL statement per command, there is no batch mode.

An MsDB2Command instance belongs to a single transaction running on a single connection.

An Ms2Db2Command can become "dirty" if it has been prepared, and there is a change to a piece of the command structure. If a change is made, the command must be re-prepared to account for the changes. MsDb2Command has a private dirty flag that will determine when to re-prepare a command. Events that make a command dirty include:

- All changes to parameters, excluding the value (such as precision, scale, type, and so on)
- Changes to the number of parameters
- Changes to the CommandText
- Changes to the CommandType

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Command Members

Represents a SQL statement or stored procedure to execute against a DB2 database.











The following tables list the members exposed by the [MsDb2Command](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2Command</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2Command</a> class.







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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CommandText</a>	Overridden. Gets or sets the text command to run against the data source.
 <a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
 <a href="#">CommandType</a>	Overridden. Indicates or specifies how the CommandText property is interpreted.
 <a href="#">Connection</a>	Gets or sets the MsDb2Connection used by this instance of the MsDb2Command.
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value indicating whether the command object should be visible in a Windows Forms Designer control.
 <a href="#">Parameters</a>	Gets the MsDb2ParameterCollection.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Transaction</a>	Gets or sets the transaction within which the MsDb2Command object executes.
 <a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the Update method of a MsDb2DataAdapter.















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Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DbConnection</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DbParameterCollection</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DbTransaction</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )

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Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Cancel</a>	Overridden. Attempts to cancel the execution of an MsDb2Command.
 <a href="#">Clone</a>	Creates a deep clone of the current instance.
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">CreateParameter</a>	Creates a new instance of an IDbDataParameter object.
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">ExecuteNonQuery</a>	Overridden. Executes an SQL statement against the MsDb2Connection object, and returns the number of rows affected.
 <a href="#">ExecuteReader</a>	Overloaded. Executes the CommandText against the Connection and builds an MsDb2DataReader.
 <a href="#">ExecuteScalar</a>	Overridden. Executes the query, and returns the first column of the first row in the resultset returned by the query. Extra columns or rows are ignored.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Prepare</a>	Overridden. Creates a prepared (or compiled) version of the command on the data source.

 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Component</a> )


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#### Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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#### Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

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#### Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

[Top](#)

See Also

#### Reference

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2Command Constructor

Initializes a new instance of the [MsDb2Command](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2Command()</a>	Initializes a new instance of the <a href="#">MsDb2Command</a> class.
 <a href="#">MsDb2Command(String)</a>	Initializes a new instance of the <a href="#">MsDb2Command</a> class.
 <a href="#">MsDb2Command(String, MsDb2Connection)</a>	Initializes a new instance of the <a href="#">MsDb2Command</a> class using the specified command text and connection.
 <a href="#">MsDb2Command(String, MsDb2Connection, MsDb2Transaction)</a>	Initializes a new instance of the <a href="#">MsDb2Command</a> class using the specified command text, connection, and transaction.

See Also

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2Command Constructor ()

Initializes a new instance of the [MsDb2Command](#) class.

Syntax

C#

```
public MsDb2Command()
```

C++

```
public:  
MsDb2Command()
```

F#

```
new : unit -> MsDb2Command
```

VB

```
Public Sub New
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	Empty string ("")
CommandTimeout	30
CommandType	Text
Connection	null

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## MsDb2Command Constructor (String)



Initializes a new instance of the [MsDb2Command](#) class.

Syntax

C#

```
public MsDb2Command(  
    string commandText  
)
```

C++

```
public:  
MsDb2Command(  
    String^ commandText  
)
```

F#

```
new :  
    commandText:string -> MsDb2Command
```

VB

```
Public Sub New (  
    commandText As String  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The text of the query.

Remarks

The following table describes the initial values for an instance of [MsDb2Command](#).

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30
CommandType	Text
Connection	null

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#### **MsDb2Command Constructor (String, MsDb2Connection)**

Initializes a new instance of the [MsDb2Command](#) class using the specified command text and connection.

Syntax

C#

```
public MsDb2Command(  
    string commandText,  
    MsDb2Connection connection  
)
```

C++

```
public:  
MsDb2Command(  
    String^ commandText,  
    MsDb2Connection^ connection  
)
```

F#

```
new :  
    commandText:string *  
    connection:MsDb2Connection -> MsDb2Command
```

VB

```
Public Sub New (  
    commandText As String,  
    connection As MsDb2Connection  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The text of the query.

*connection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

The MsDb2Connection that represents a connection to the database source.

#### Remarks

The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30
CommandType	Text
Connection	The value contained in the connection parameter.

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#### MsDb2Command Constructor (String, MsDb2Connection, MsDb2Transaction)

Initializes a new instance of the [MsDb2Command](#) class using the specified command text, connection, and transaction.

#### Syntax

C#

```
public MsDb2Command(  
    string commandText,  
    MsDb2Connection connection,  
    MsDb2Transaction tx  
)
```

C++

```
public:  
    MsDb2Command(  
        String^ commandText,  
        MsDb2Connection^ connection,  
        MsDb2Transaction^ tx  
    )
```

F#

```
new :  
    commandText:string *  
    connection:MsDb2Connection *  
    tx:MsDb2Transaction -> MsDb2Command
```

VB

```
Public Sub New (  
    commandText As String,  
    connection As MsDb2Connection,  
    tx As MsDb2Transaction  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The text of the query.

*connection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

An MsDb2Connection representing a connection to the data source.

*tx*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Transaction](#)

The transaction in which the command executes.

#### Remarks

The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30
CommandType	Text
Connection	The value contained in the connection parameter.

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# MsDb2Command Constructor ()

Initializes a new instance of the [MsDb2Command](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MsDb2Command ()
```

C++

```
public:
    MsDb2Command ()
```

J#

```
public MsDb2Command ()
```

JScript

```
public function MsDb2Command ()
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	Empty string ("")
CommandTimeout	30
CommandType	Text
Connection	null

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command Constructor (String)

Initializes a new instance of the [MsDb2Command](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String _
)
```

C#

```
public MsDb2Command (
    string commandText
)
```

C++

```
public:
MsDb2Command (
    String^ commandText
)
```

J#

```
public MsDb2Command (
    String commandText
)
```

JScript

```
public function MsDb2Command (
    commandText : String
)
```

**Parameters**

commandText

The text of the query.

Remarks

The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30
CommandType	Text
Connection	null

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command Constructor (String, MsDb2Connection)

Initializes a new instance of the [MsDb2Command](#) class using the specified command text and connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String, _
    connection As MsDb2Connection _
)
```

C#

```
public MsDb2Command (
    string commandText,
    MsDb2Connection connection
)
```

C++

```
public:
    MsDb2Command (
        String^ commandText,
        MsDb2Connection^ connection
    )
```

J#

```
public MsDb2Command (
    String commandText,
    MsDb2Connection connection
)
```

JScript

```
public function MsDb2Command (
    commandText : String,
    connection : MsDb2Connection
)
```

**Parameters**

commandText

The text of the query.

connection

The MsDb2Connection that represents a connection to the database source.

**Remarks**

The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30

CommandType	Text
Connection	The value contained in the connection parameter.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Command Constructor (String, MsDb2Connection, MsDb2Transaction)

Initializes a new instance of the [MsDb2Command](#) class using the specified command text, connection, and transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String, _
    connection As MsDb2Connection, _
    tx As MsDb2Transaction _
)
```

C#

```
public MsDb2Command (
    string commandText,
    MsDb2Connection connection,
    MsDb2Transaction tx
)
```

C++

```
public:
    MsDb2Command (
        String^ commandText,
        MsDb2Connection^ connection,
        MsDb2Transaction^ tx
    )
```

J#

```
public MsDb2Command (
    String commandText,
    MsDb2Connection connection,
    MsDb2Transaction tx
)
```

JScript

```
public function MsDb2Command (
    commandText : String,
    connection : MsDb2Connection,
    tx : MsDb2Transaction
)
```

## Parameters

commandText

The text of the query.

connection

An MsDb2Connection representing a connection to the data source.

tx

The transaction in which the command executes.

Remarks

The following table describes the initial values for an instance of MsDb2Command.

Properties	Initial Value
CommandText	cmdText
CommandTimeout	30
CommandType	Text
Connection	The value contained in the connection parameter.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


















[MsDb2Command Class](#)

[MsDb2Command Members](#)







[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Cancel</a>	Overridden. Attempts to cancel the execution of an MsDb2Command.
	<a href="#">Clone</a>	Creates a deep clone of the current instance.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">CreateParameter</a>	Creates a new instance of an IDbDataParameter object.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteNonQuery</a>	Overridden. Executes an SQL statement against the MsDb2Connection object, and returns the number of rows affected.
	<a href="#">ExecuteReader</a>	Overloaded. Executes the CommandText against the Connection and builds an MsDb2DataReader.
	<a href="#">ExecuteScalar</a>	Overridden. Executes the query, and returns the first column of the first row in the resultset returned by the query. Extra columns or rows are ignored
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Prepare</a>	Overridden. Creates a prepared (or compiled) version of the command on the data source.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )

Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )

See Also

## Reference

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Cancel Method

Attempts to cancel the execution of an MsDb2Command.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Cancel
```

C#

```
public override void Cancel ()
```

C++

```
public:  
virtual void Cancel () override
```

J#

```
public void Cancel ()
```

JScript

```
public override function Cancel ()
```

Remarks

If there is nothing to cancel, nothing happens. However, if there is a command in process, and the attempt to cancel fails, no exception is generated.

**Implements**

IDbCommand.Cancel

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Clone Method

Creates a deep clone of the current instance.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function Clone As Object
```

C#

```
public Object Clone ()
```

C++

```
public:  
virtual Object^ Clone () sealed
```

J#

```
public final Object Clone ()
```

JScript

```
public final function Clone () : Object
```

## Return Value

A deep clone of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.CreateParameter Method

Creates a new instance of an IDbDataParameter object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CreateParameter As MsDb2Parameter
```

C#

```
public MsDb2Parameter CreateParameter ()
```

C++

```
public:  
MsDb2Parameter^ CreateParameter ()
```

J#

```
public MsDb2Parameter CreateParameter ()
```

JScript

```
public function CreateParameter () : MsDb2Parameter
```

## Return Value

An IDbDataParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.ExecuteNonQuery Method

Executes an SQL statement against the MsDb2Connection object, and returns the number of rows affected.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ExecuteNonQuery As Integer
```

C#

```
public override int ExecuteNonQuery ()
```

C++

```
public:
virtual int ExecuteNonQuery () override
```

J#

```
public int ExecuteNonQuery ()
```

JScript

```
public override function ExecuteNonQuery () : int
```

## Return Value

The number of rows affected.

Remarks

You can use the ExecuteNonQuery to perform catalog operations (for example, querying the structure of a database or creating database objects such as tables), or to change the data in a database without using a DataSet by executing UPDATE, INSERT, or DELETE statements.

Although the ExecuteNonQuery does not return any rows, any output parameters or return values mapped to parameters are populated with data.

For UPDATE, INSERT, and DELETE statements, the return value is the number of rows affected by the command. For all other types of statements, the return value is -1.

## Exceptions

Exception Type	Condition
InvalidOperationException	The connection does not exist, or the connection is not open.

## Implements

IDbCommand.ExecuteNonQuery

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2Command.ExecuteReader Method

Executes the CommandText against the Connection and builds an MsDb2DataReader.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">ExecuteReader()</a>	Executes the CommandText against the Connection and builds an MsDb2DataReader.
 <a href="#">ExecuteReader(CommandBehavior)</a>	Executes the CommandText against the MsDb2Connection, and builds an MsDb2DataReader using one of the CommandBehavior values.

See Also

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2Command.ExecuteReader Method ()

Executes the CommandText against the Connection and builds an MsDb2DataReader.

Syntax

C#

```
public MsDb2DataReader ExecuteReader()
```

C++

```
public:  
MsDb2DataReader^ ExecuteReader()
```

F#

```
member ExecuteReader : unit -> MsDb2DataReader
```

VB

```
Public Function ExecuteReader As MsDb2DataReader
```

## Return Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2DataReader](#)

An MsDb2DataReader object.

[Return to top](#)

## MsDb2Command.ExecuteReader Method (CommandBehavior)

Executes the CommandText against the MsDb2Connection, and builds an MsDb2DataReader using one of the CommandBehavior values.

Syntax

C#

```
public MsDb2DataReader ExecuteReader(  
    CommandBehavior behavior  
)
```

C++

```
public:  
MsDb2DataReader^ ExecuteReader(  
    CommandBehavior behavior  
)
```

F#

```
member ExecuteReader :  
    behavior:CommandBehavior -> MsDb2DataReader
```

VB

```
Public Function ExecuteReader (  
    behavior As CommandBehavior  
) As MsDb2DataReader
```

#### Parameters

*behavior*

Type: [System.Data.CommandBehavior](#)

The command behavior of the execution.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2DataReader](#)

Remarks

The caller must call the Open method of the Connection property.

When the CommandType property is set to StoredProcedure, the CommandText property should be set to the name of the stored procedure. The command executes this stored procedure when you call ExecuteReader.

The MsDb2DataReader supports a special mode that enables large binary values to be read efficiently. For more information, see the SequentialAccess setting for CommandBehavior.

While the MsDb2DataReader is in use, the associated MsDb2Connection is busy serving the MsDb2DataReader. While in this state, no other operations can be performed on the MsDb2Connection other than closing it. This is the case until the Close method of the MsDb2DataReader is called. If the MsDb2DataReader is created with CommandBehavior set to CloseConnection, closing the MsDb2DataReader closes the connection automatically.

[Return to top](#)

# MsDb2Command.ExecuteReader Method ()

Executes the CommandText against the Connection and builds an MsDb2DataReader.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function ExecuteReader As MsDb2DataReader
```

C#

```
public MsDb2DataReader ExecuteReader ()
```

C++

```
public:  
MsDb2DataReader^ ExecuteReader ()
```

J#

```
public MsDb2DataReader ExecuteReader ()
```

JScript

```
public function ExecuteReader () : MsDb2DataReader
```

## Return Value

An MsDb2DataReader object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.ExecuteReader Method (CommandBehavior)

Executes the CommandText against the MsDb2Connection, and builds an MsDb2DataReader using one of the CommandBehavior values.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ExecuteReader ( _
    behavior As CommandBehavior _
) As MsDb2DataReader
```

C#

```
public MsDb2DataReader ExecuteReader (
    CommandBehavior behavior
)
```

C++

```
public:
    MsDb2DataReader^ ExecuteReader (
        CommandBehavior behavior
    )
```

J#

```
public MsDb2DataReader ExecuteReader (
    CommandBehavior behavior
)
```

JScript

```
public function ExecuteReader (
    behavior : CommandBehavior
) : MsDb2DataReader
```

## Parameters

behavior

The command behavior of the execution.

## Remarks

The caller must call the Open method of the Connection property.

When the CommandType property is set to StoredProcedure, the CommandText property should be set to the name of the stored procedure. The command executes this stored procedure when you call ExecuteReader.

The MsDb2DataReader supports a special mode that enables large binary values to be read efficiently. For more information, see the SequentialAccess setting for CommandBehavior.

While the MsDb2DataReader is in use, the associated MsDb2Connection is busy serving the MsDb2DataReader. While in this state, no other operations can be performed on the MsDb2Connection other than closing it. This is the case until the Close method of the MsDb2DataReader is called. If the MsDb2DataReader is created with CommandBehavior set to CloseConnection, closing the MsDb2DataReader closes the connection automatically.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.ExecuteScalar Method

Executes the query, and returns the first column of the first row in the resultset returned by the query. Extra columns or rows are ignored

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ExecuteScalar As Object
```

C#

```
public override Object ExecuteScalar ()
```

C++

```
public:
virtual Object^ ExecuteScalar () override
```

J#

```
public Object ExecuteScalar ()
```

JScript

```
public override function ExecuteScalar () : Object
```

## Return Value

The first column of the first row in the resultset.

Remarks

Use the ExecuteScalar method to retrieve a single value (for example, an aggregate value) from a database. This requires less code than using the ExecuteReader method, and then performing the operations necessary to generate the single value using the data returned by an MsDb2DataReader.

## Implements

IDbCommand.ExecuteScalar

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Prepare Method

Creates a prepared (or compiled) version of the command on the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Prepare
```

C#

```
public override void Prepare ()
```

C++

```
public:
virtual void Prepare () override
```

J#

```
public void Prepare ()
```

JScript

```
public override function Prepare ()
```

Remarks

If the CommandType property is set to TableDirect, Prepare does nothing. If CommandType is set to StoredProcedure, the call to Prepare should succeed, although it may result in a no-op.

## Exceptions

Exception Type	Condition
InvalidOperationException	The connection does not exist, or the connection is not open.

## Implements

IDbCommand.Prepare

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference











[MsDb2Command Class](#)

[MsDb2Command Members](#)







[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CommandText</a>	Overridden. Gets or sets the text command to run against the data source.
	<a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
	<a href="#">CommandType</a>	Overridden. Indicates or specifies how the CommandText property is interpreted.
	<a href="#">Connection</a>	Gets or sets the MsDb2Connection used by this instance of the MsDb2Command.
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value indicating whether the command object should be visible in a Windows Forms Designer control.
	<a href="#">Parameters</a>	Gets the MsDb2ParameterCollection.
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Transaction</a>	Gets or sets the transaction within which the MsDb2Command object executes.
	<a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the Update method of a MsDb2DataAdapter.

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DbConnection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DbParameterCollection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DbTransaction</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

See Also

## Reference

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Command.CommandText Property

Gets or sets the text command to run against the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DefaultValueAttribute("")> _
Public Overrides Property CommandText As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DefaultValueAttribute("")]
public override string CommandText { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DefaultValueAttribute(L"")]
public:
virtual property String^ CommandText {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_CommandText ()

/** @property */
public void set_CommandText (String value)
```

JScript

```
public override function get CommandText () : String

public override function set CommandText (value : String)
```

## Property Value

The text command to execute. The default value is an empty string ("").

Remarks

When the CommandType property is set to StoredProcedure, set the CommandText property to the name of the stored procedure. The user may be required to use escape character syntax if the stored procedure name contains any special characters. The command will call this stored procedure when you call one of the Execute methods.

## Implements

IDbCommand.CommandText

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.CommandTimeout Property

Gets or sets the wait time before terminating the attempt to execute a command and generating an error.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration
Public Overrides Property CommandTimeout As Integer
```

C#

```
public override int CommandTimeout { get; set; }
```

C++

```
public:
virtual property int CommandTimeout {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_CommandTimeout ()

/** @property */
public void set_CommandTimeout (int value)
```

JScript

```
public override function get CommandTimeout () : int

public override function set CommandTimeout (value : int)
```

## Property Value

The time (in seconds) to wait for the command to execute. The default value is 30 seconds.

Remarks

## Implements

IDbCommand.CommandTimeout

## Exceptions

Exception Type	Condition
ArgumentException	The property value assigned is less than 0.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.CommandType Property

Indicates or specifies how the CommandText property is interpreted.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DefaultValueAttribute(CommandType.Text)> _
Public Overrides Property CommandType As CommandType
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DefaultValueAttribute(CommandType.Text)]
public override CommandType CommandType { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DefaultValueAttribute(CommandType::Text)]
public:
virtual property CommandType CommandType {
    CommandType get () override;
    void set (CommandType value) override;
}
```

J#

```
/** @property */
public CommandType get_CommandType ()

/** @property */
public void set_CommandType (CommandType value)
```

JScript

```
public override function get CommandType () : CommandType

public override function set CommandType (value : CommandType)
```

## Property Value

One of the CommandType values. The default is Text.

Remarks

When you set the CommandType property to StoredProcedure, you should set the CommandText property to the name of the stored procedure. The command executes this stored procedure when you call one of the Execute methods.

## Implements

IDbCommand.CommandType

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Connection Property

Gets or sets the MsDb2Connection used by this instance of the MsDb2Command.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DefaultValueAttribute(Nothing)> _
Public Property Connection As MsDb2Connection
```

C#

```
[DefaultValueAttribute(null)]
public MsDb2Connection Connection { get; set; }
```

C++

```
[DefaultValueAttribute(nullptr)]
public:
property MsDb2Connection^ Connection {
    MsDb2Connection^ get ();
    void set (MsDb2Connection^ value);
}
```

J#

```
/** @property */
public MsDb2Connection get_Connection ()

/** @property */
public void set_Connection (MsDb2Connection value)
```

JScript

```
public function get Connection () : MsDb2Connection

public function set Connection (value : MsDb2Connection)
```

## Property Value

The connection to the data source.

Remarks

**Implements**

IDbCommand.Connection

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Command Class](#)

[MsDb2Command Members](#)





# MsDb2Command.DesignTimeVisible Property

Gets or sets a value indicating whether the command object should be visible in a Windows Forms Designer control.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DesignOnlyAttribute(True)> _
<BrowsableAttribute(False)> _
<DefaultValueAttribute(True)> _
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property DesignTimeVisible As Boolean
```

C#

```
[DesignOnlyAttribute(true)]
[BrowsableAttribute(false)]
[DefaultValueAttribute(true)]
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool DesignTimeVisible { get; set; }
```

C++

```
[DesignOnlyAttribute(true)]
[BrowsableAttribute(false)]
[DefaultValueAttribute(true)]
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property bool DesignTimeVisible {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_DesignTimeVisible ()

/** @property */
public void set_DesignTimeVisible (boolean value)
```

JScript

```
public override function get DesignTimeVisible () : boolean

public override function set DesignTimeVisible (value : boolean)
```

## Property Value

**True** if the command object is visible in a Windows Forms Designer control; otherwise, **false**. The default is **true**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Parameters Property

Gets the MsDb2ParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)> _
Public ReadOnly Property Parameters As MsDb2ParameterCollection
```

C#

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Content)]
public MsDb2ParameterCollection Parameters { get; }
```

C++

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Content)]
public:
property MsDb2ParameterCollection^ Parameters {
    MsDb2ParameterCollection^ get ();
}
```

J#

```
/** @property */
public MsDb2ParameterCollection get_Parameters ()
```

JScript

```
public function get Parameters () : MsDb2ParameterCollection
```

## Property Value

The parameters of the SQL statement or stored procedure.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.Transaction Property

Gets or sets the transaction within which the MsDb2Command object executes.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
<BrowsableAttribute(False)> _
Public Property Transaction As MsDb2Transaction
```

C#

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[BrowsableAttribute(false)]
public MsDb2Transaction Transaction { get; set; }
```

C++

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
[BrowsableAttribute(false)]
public:
property MsDb2Transaction^ Transaction {
    MsDb2Transaction^ get ();
    void set (MsDb2Transaction^ value);
}
```

J#

```
/** @property */
public MsDb2Transaction get_Transaction ()

/** @property */
public void set_Transaction (MsDb2Transaction value)
```

JScript

```
public function get Transaction () : MsDb2Transaction

public function set Transaction (value : MsDb2Transaction)
```

## Property Value

The MsDb2Command object of the Managed Data provider. The default value is **null** reference (Nothing in Visual Basic). Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command.UpdatedRowSource Property

Gets or sets how command results are applied to the DataRow when used by the Update method of a MsDb2DataAdapter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration
<DefaultValueAttribute(UpdateRowSource.Both)> _
Public Overrides Property UpdatedRowSource As UpdateRowSource
```

C#

```
[DefaultValueAttribute(UpdateRowSource.Both)]
public override UpdateRowSource UpdatedRowSource { get; set; }
```

C++

```
[DefaultValueAttribute(UpdateRowSource::Both)]
public:
virtual property UpdateRowSource UpdatedRowSource {
    UpdateRowSource get () override;
    void set (UpdateRowSource value) override;
}
```

J#

```
/** @property */
public UpdateRowSource get_UpdatedRowSource ()

/** @property */
public void set_UpdatedRowSource (UpdateRowSource value)
```

JScript

```
public override function get UpdatedRowSource () : UpdateRowSource

public override function set UpdatedRowSource (value : UpdateRowSource)
```

## Property Value

One of the UpdateRowSource values. The default is Both unless the command is automatically generated. Then the default is None.  
Remarks

One of the UpdateRowSource values. The default is Both unless the command is automatically generated. Then the default is None.

## Exceptions

Exception Type	Description
Argument Exception	The value entered was not one of the UpdateRowSource values.

## Implements

IDbCommand.UpdatedRowSource

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


[MsDb2Command Class](#)

[MsDb2Command Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Command Events

## Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

See Also

### Reference

[MsDb2Command Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder Class

Automatically generates single-table commands used to reconcile changes made to a DataSet with the associated database.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Data.Common.DbCommandBuilder](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2CommandBuilder**

Syntax  
C#

```
public sealed class MsDb2CommandBuilder : DbCommandBuilder
```

C++

```
public ref class MsDb2CommandBuilder sealed : DbCommandBuilder
```





F#

```
[<Sealed>]  
type MsDb2CommandBuilder =  
    class  
        inherit DbCommandBuilder  
    end
```







VB

```
Public NotInheritable Class MsDb2CommandBuilder  
    Inherits DbCommandBuilder
```






## Constructors

Name	Description
 <a href="#">MsDb2CommandBuilder()</a>	Initializes a new <b>MsDb2CommandBuilder</b> class.
 <a href="#">MsDb2CommandBuilder(Boolean)</a>	Initializes a new <b>MsDb2CommandBuilder</b> class using the specified Boolean value.
 <a href="#">MsDb2CommandBuilder(MsDb2DataAdapter)</a>	Initializes a new <b>MsDb2CommandBuilder</b> class using the specified adapter.
 <a href="#">MsDb2CommandBuilder(MsDb2DataAdapter, Boolean)</a>	Initializes a new <b>MsDb2CommandBuilder</b> class using the specified data adapter and Boolean value.




















## Properties

Name	Description
 <a href="#">CatalogLocation</a>	(Inherited from <a href="#">DbCommandBuilder</a> .)
 <a href="#">CatalogSeparator</a>	(Inherited from <a href="#">DbCommandBuilder</a> .)
 <a href="#">ConflictOption</a>	(Inherited from <a href="#">DbCommandBuilder</a> .)
 <a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">DataAdapter</a>	(Inherited from <a href="#">DbCommandBuilder</a> .)
 <a href="#">DisableOptimisticConcurrency</a>	Gets or sets a value that determines whether optimistic concurrency is disabled.




 <b>QuotePrefix</b>	Gets or sets the beginning character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.(Overrides <a href="#">DbCommandBuilder.QuotePrefix.</a> )
 <b>QuoteSuffix</b>	Gets or sets the ending character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.(Overrides <a href="#">DbCommandBuilder.QuoteSuffix.</a> )
 <b>SchemaSeparator</b>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <b>SetAllValues</b>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <b>Site</b>	(Inherited from <a href="#">Component.</a> )

#### Methods

 <b>Name</b>	<b>Description</b>
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">DeriveParameters(MsDb2Command)</a>	Derives the parameters of the specified MsDb2Command objects.
 <a href="#">Dispose()</a>	(Inherited from <a href="#">Component.</a> )
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetDeleteCommand()</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">GetDeleteCommand(Boolean)</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetInsertCommand()</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">GetInsertCommand(Boolean)</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetUpdateCommand()</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">GetUpdateCommand(Boolean)</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">QuoteIdentifier(String)</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">RefreshSchema()</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Component.</a> )
 <a href="#">UnquoteIdentifier(String)</a>	(Inherited from <a href="#">DbCommandBuilder.</a> )

#### Events

<b>Name</b>	<b>Description</b>
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2CommandBuilder Members

Automatically generates single-table commands used to reconcile changes made to a DataSet with the associated database.












The following tables list the members exposed by the [MsDb2CommandBuilder](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2CommandBuilder</a>	Overloaded. Initializes a new <a href="#">MsDb2CommandBuilder</a> class.




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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CatalogLocation</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">CatalogSeparator</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">ConflictOption</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DataAdapter</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">DisableOptimisticConcurrency</a>	Gets or sets a value that determines whether optimistic concurrency is disabled.
 <a href="#">QuotePrefix</a>	Overridden. Gets or sets the beginning character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.
 <a href="#">QuoteSuffix</a>	Overridden. Gets or sets the ending character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.
 <a href="#">SchemaSeparator</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">SetAllValues</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )



















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## Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
  <a href="#">DeriveParameters</a>	Derives the parameters of the specified MsDb2Command objects.
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetDeleteCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetInsertCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetUpdateCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Quoteldentifier</a>	(inherited from <a href="#">DbCommandBuilder</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">RefreshSchema</a>	(inherited from <a href="#">DbCommandBuilder</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Unquoteldentifier</a>	(inherited from <a href="#">DbCommandBuilder</a> )

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## Protected Methods

Name	Description
------	-------------

	<a href="#">ApplyParameterInfo</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetParameterName</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetParameterPlaceholder</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetSchemaTable</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">InitializeCommand</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">RowUpdatingHandler</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">SetRowUpdatingHandler</a>	(inherited from <a href="#">DbCommandBuilder</a> )

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Public Events

	<b>Name</b>	<b>Description</b>
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

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See Also

#### Reference

[MsDb2CommandBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2CommandBuilder Constructor

Initializes a new [MsDb2CommandBuilder](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2CommandBuilder()</a>	Initializes a new <a href="#">MsDb2CommandBuilder</a> class.
 <a href="#">MsDb2CommandBuilder(Boolean)</a>	Initializes a new <a href="#">MsDb2CommandBuilder</a> class using the specified Boolean value.
 <a href="#">MsDb2CommandBuilder(MsDb2DataAdapter)</a>	Initializes a new <a href="#">MsDb2CommandBuilder</a> class using the specified adapter.
 <a href="#">MsDb2CommandBuilder(MsDb2DataAdapter, Boolean)</a>	Initializes a new <a href="#">MsDb2CommandBuilder</a> class using the specified data adapter and Boolean value.

See Also

[MsDb2CommandBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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### MsDb2CommandBuilder Constructor ()

Initializes a new [MsDb2CommandBuilder](#) class.

Syntax

C#

```
public MsDb2CommandBuilder()
```

C++

```
public:  
MsDb2CommandBuilder()
```

F#

```
new : unit -> MsDb2CommandBuilder
```

VB

```
Public Sub New
```

[Return to top](#)

### MsDb2CommandBuilder Constructor (Boolean)

Initializes a new [MsDb2CommandBuilder](#) class using the specified Boolean value.

Syntax

C#

```
public MsDb2CommandBuilder(  
    bool disableOptimisticConcurrency  
)
```

C++

```
public:  
MsDb2CommandBuilder(  
    bool disableOptimisticConcurrency  
)
```

F#

```
new :  
    disableOptimisticConcurrency:bool -> MsDb2CommandBuilder
```

VB

```
Public Sub New (  
    disableOptimisticConcurrency As Boolean  
)
```

#### Parameters

*disableOptimisticConcurrency*

Type: [System.Boolean](#)

**true** to disable optimistic concurrency; otherwise, **false**.

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#### MsDb2CommandBuilder Constructor (MsDb2DataAdapter)

Initializes a new [MsDb2CommandBuilder](#) class using the specified adapter.

Syntax

C#

```
public MsDb2CommandBuilder(  
    MsDb2DataAdapter adapter  
)
```

C++

```
public:  
    MsDb2CommandBuilder(  
        MsDb2DataAdapter^ adapter  
    )
```

F#

```
new :  
    adapter:MsDb2DataAdapter -> MsDb2CommandBuilder
```

VB

```
Public Sub New (  
    adapter As MsDb2DataAdapter  
)
```

#### Parameters

*adapter*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2DataAdapter](#)

The MsDb2 data adapter to create a command for.

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#### MsDb2CommandBuilder Constructor (MsDb2DataAdapter, Boolean)

Initializes a new [MsDb2CommandBuilder](#) class using the specified data adapter and Boolean value.

Syntax

C#

```
public MsDb2CommandBuilder(  
    MsDb2DataAdapter adapter,  
    bool disableOptimisticConcurrency  
)
```

C++

```
public:
    MsDb2CommandBuilder(
        MsDb2DataAdapter^ adapter,
        bool disableOptimisticConcurrency
    )
```

F#

```
new :
    adapter:MsDb2DataAdapter *
    disableOptimisticConcurrency:bool -> MsDb2CommandBuilder
```

VB

```
Public Sub New (
    adapter As MsDb2DataAdapter,
    disableOptimisticConcurrency As Boolean
)
```

#### Parameters

*adapter*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2DataAdapter](#)

The MsDb2 data adapter to create a command for.

*disableOptimisticConcurrency*

Type: [System.Boolean](#)

**true** to disable optimistic concurrency; otherwise, **false**.

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# MsDb2CommandBuilder Constructor ()

Initializes a new [MsDb2CommandBuilder](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2CommandBuilder ()
```

C++

```
public:  
MsDb2CommandBuilder ()
```

J#

```
public MsDb2CommandBuilder ()
```

JScript

```
public function MsDb2CommandBuilder ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder Constructor (Boolean)

Initializes a new [MsDb2CommandBuilder](#) class using the specified Boolean value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    disableOptimisticConcurrency As Boolean _
)
```

C#

```
public MsDb2CommandBuilder (
    bool disableOptimisticConcurrency
)
```

C++

```
public:
    MsDb2CommandBuilder (
        bool disableOptimisticConcurrency
    )
```

J#

```
public MsDb2CommandBuilder (
    boolean disableOptimisticConcurrency
)
```

JScript

```
public function MsDb2CommandBuilder (
    disableOptimisticConcurrency : boolean
)
```

## Parameters

disableOptimisticConcurrency

**true** to disable optimistic concurrency; otherwise, **false**.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2CommandBuilder Constructor (MsDb2DataAdapter)

Initializes a new [MsDb2CommandBuilder](#) class using the specified adapter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    adapter As MsDb2DataAdapter _
)
```

C#

```
public MsDb2CommandBuilder (
    MsDb2DataAdapter adapter
)
```

C++

```
public:
    MsDb2CommandBuilder (
        MsDb2DataAdapter^ adapter
    )
```

J#

```
public MsDb2CommandBuilder (
    MsDb2DataAdapter adapter
)
```

JScript

```
public function MsDb2CommandBuilder (
    adapter : MsDb2DataAdapter
)
```

## Parameters

adapter

The MsDb2 data adapter to create a command for.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder Constructor (MsDb2DataAdapter, Boolean)

Initializes a new [MsDb2CommandBuilder](#) class using the specified data adapter and Boolean value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    adapter As MsDb2DataAdapter, _
    disableOptimisticConcurrency As Boolean _
)
```

C#

```
public MsDb2CommandBuilder (
    MsDb2DataAdapter adapter,
    bool disableOptimisticConcurrency
)
```

C++

```
public:
    MsDb2CommandBuilder (
        MsDb2DataAdapter^ adapter,
        bool disableOptimisticConcurrency
    )
```

J#

```
public MsDb2CommandBuilder (
    MsDb2DataAdapter adapter,
    boolean disableOptimisticConcurrency
)
```

JScript

```
public function MsDb2CommandBuilder (
    adapter : MsDb2DataAdapter,
    disableOptimisticConcurrency : boolean
)
```

## Parameters

adapter

The MsDb2 data adapter to create a command for.

disableOptimisticConcurrency

**true** to disable optimistic concurrency; otherwise, **false**.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

















[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)














# MsDb2CommandBuilder Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">DeriveParameters</a>	Derives the parameters of the specified MsDb2Command objects.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetDeleteCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInsertCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetUpdateCommand</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Quoteldentifier</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">RefreshSchema</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Unquoteldentifier</a>	(inherited from <a href="#">DbCommandBuilder</a> )

Protected Methods

	Name	Description
	<a href="#">ApplyParameterInfo</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetParameterName</a>	Overloaded. (inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetParameterPlaceholder</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetSchemaTable</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">InitializeCommand</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">RowUpdatingHandler</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">SetRowUpdatingHandler</a>	(inherited from <a href="#">DbCommandBuilder</a> )

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder.DeriveParameters Method

Derives the parameters of the specified MsDb2Command objects.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub DeriveParameters ( _
    cmd As MsDb2Command _
)
```

C#

```
public static void DeriveParameters (
    MsDb2Command cmd
)
```

C++

```
public:
static void DeriveParameters (
    MsDb2Command^ cmd
)
```

J#

```
public static void DeriveParameters (
    MsDb2Command cmd
)
```

JScript

```
public static function DeriveParameters (
    cmd : MsDb2Command
)
```

## Parameters

cmd

The command object to derive the parameters from.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)




[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CatalogLocation</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">CatalogSeparator</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">ConflictOption</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DataAdapter</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">DisableOptimisticConcurrency</a>	Gets or sets a value that determines whether optimistic concurrency is disabled.
	<a href="#">QuotePrefix</a>	Overridden. Gets or sets the beginning character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.
	<a href="#">QuoteSuffix</a>	Overridden. Gets or sets the ending character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.
	<a href="#">SchemaSeparator</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">SetAllValues</a>	(inherited from <a href="#">DbCommandBuilder</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder.DisableOptimisticConcurrency Property

Gets or sets a value that determines whether optimistic concurrency is disabled.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DisableOptimisticConcurrency As Boolean
```

C#

```
public bool DisableOptimisticConcurrency { get; set; }
```

C++

```
public:
property bool DisableOptimisticConcurrency {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DisableOptimisticConcurrency ()

/** @property */
public void set_DisableOptimisticConcurrency (boolean value)
```

JScript

```
public function get DisableOptimisticConcurrency () : boolean

public function set DisableOptimisticConcurrency (value : boolean)
```

## Property Value

**true** if optimistic concurrency disabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder.QuotePrefix Property

Gets or sets the beginning character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property QuotePrefix As String
```

C#

```
public override string QuotePrefix { get; set; }
```

C++

```
public:
virtual property String^ QuotePrefix {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_QuotePrefix ()

/** @property */
public void set_QuotePrefix (String value)
```

JScript

```
public override function get QuotePrefix () : String

public override function set QuotePrefix (value : String)
```

## Property Value

The beginning character or characters to use. The default is an empty string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2CommandBuilder.QuoteSuffix Property

Gets or sets the ending character or characters to use when specifying database objects (for example, tables or columns) whose names contain characters such as spaces or reserved tokens.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property QuoteSuffix As String
```

C#

```
public override string QuoteSuffix { get; set; }
```

C++

```
public:
virtual property String^ QuoteSuffix {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_QuoteSuffix ()

/** @property */
public void set_QuoteSuffix (String value)
```

JScript

```
public override function get QuoteSuffix () : String

public override function set QuoteSuffix (value : String)
```

## Property Value

The ending character or characters to use. The default is an empty string.

Remarks

Although you cannot change the QuotePrefix or QuoteSuffix properties after an insert, update, or delete command has been generated, you can change their settings after calling the Update method.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2CommandBuilder Class](#)

[MsDb2CommandBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2CommandBuilder Events

Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

See Also

**Reference**

[MsDb2CommandBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Class

Opens, closes, and maintains a connection to a DB2 host.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Data.Common.DbConnection](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2Connection**

Syntax  
C#

```
public sealed class MsDb2Connection : DbConnection, ICloneable
```

C++

```
public ref class MsDb2Connection sealed : DbConnection, ICloneable
```




F#

```
[<Sealed>]  
type MsDb2Connection =  
    class  
        inherit DbConnection  
        interface ICloneable  
    end
```







VB




























```
Public NotInheritable Class MsDb2Connection  
    Inherits DbConnection  
    Implements ICloneable
```

Constructors



	Name	Description
	<a href="#">MsDb2Connection()</a>	Initializes a new instance of the <b>MsDb2Connection</b> class.
	<a href="#">MsDb2Connection(MsDb2Connection)</a>	Initializes a new instance of the <b>MsDb2Connection</b> class using the specified connection.
	<a href="#">MsDb2Connection(String)</a>	Initializes a new instance of the <b>MsDb2Connection</b> class using the specified connection string.

Properties

	Name	Description
	<a href="#">AffiliateApplication</a>	<b>Obsolete.</b> Gets or sets the name of the affiliate application attempting to connect to the DB2 database.
	<a href="#">ClientAccounting</a>	<b>Obsolete.</b> Gets or sets the name of client accounting.
	<a href="#">ClientApplicationName</a>	<b>Obsolete.</b> Gets or sets the name of the client application.
	<a href="#">ClientUserID</a>	<b>Obsolete.</b> Gets or sets the client user ID.
	<a href="#">ClientWorkstationName</a>	<b>Obsolete.</b> Gets or sets the name of the client's workstation.
	<a href="#">ConnectionPooling</a>	<b>Obsolete.</b> Gets or sets the value that determines if connection pooling is active.



 <a href="#">ConnectionString</a>	Gets or sets the connection string to connect to the data source.(Overrides <a href="#">DbConnection.ConnectionString</a> .)
 <a href="#">ConnectionTimeout</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">Database</a>	Gets or sets the name of the database to which MsDb2Connection connects.(Overrides <a href="#">DbConnection.Database</a> .)
 <a href="#">DatabaseName</a>	Gets or sets the name of the database.
 <a href="#">DataSource</a>	Gets the data source.(Overrides <a href="#">DbConnection.DataSource</a> .)
 <a href="#">DBMSPlatform</a>	<b>Obsolete.</b> Gets or sets the target DB2 platform for which the Managed Provider is optimized.
 <a href="#">DefaultQualifier</a>	<b>Obsolete.</b> Gets or sets the default qualifier.
 <a href="#">DefaultSchema</a>	<b>Obsolete.</b> Gets or sets the default database schema to be used.
 <a href="#">DeferPrepare</a>	<b>Obsolete.</b> Gets or sets a value that determines whether to defer preparation.
 <a href="#">HostCCSID</a>	<b>Obsolete.</b> Gets or sets the character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer.
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	<b>Obsolete.</b> Gets or sets the type of integrated security.
 <a href="#">MaxPoolSize</a>	<b>Obsolete.</b> Gets or sets the maximum number of connection in a connection pool.
 <a href="#">NetworkProperties</a>	<b>Obsolete.</b> Gets or sets the network properties.
 <a href="#">NewPassword</a>	<b>Obsolete.</b> Gets or sets the new password.
 <a href="#">PackageCollection</a>	<b>Obsolete.</b> Gets or sets the name of the DRDA target collection (AS/400 library) where the Managed Provider should store and bind DB2 packages.
 <a href="#">Password</a>	<b>Obsolete.</b> Gets or sets the password used to connect to the database.
 <a href="#">PCCodepage</a>	<b>Obsolete.</b> Gets or sets the code page to be used on the local computer.
 <a href="#">ServerClass</a>	Gets the server class.
 <a href="#">ServerVersion</a>	Gets the server version.(Overrides <a href="#">DbConnection.ServerVersion</a> .)
 <a href="#">ShadowCatalog</a>	<b>Obsolete.</b>
 <a href="#">Site</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">State</a>	Gets the status of the MsDb2Connection.(Overrides <a href="#">DbConnection.State</a> .)
 <a href="#">UnitsOfWork</a>	<b>Obsolete.</b> Gets or sets the type of transaction supported by the Managed Provider.
 <a href="#">UseEarlyMetaData</a>	<b>Obsolete.</b> Gets or sets a value that determines if you use the early metadata.
 <a href="#">UserName</a>	<b>Obsolete.</b> Gets or sets the name of the user connecting to the database.

#### Methods





Name	Description
 <a href="#">BeginTransaction()</a>	Begins a transaction context using the default isolation level.
 <a href="#">BeginTransaction(IsolationLevel)</a>	Begins a transaction context using the specified isolation level.

 <a href="#">ChangeDatabase(String)</a>	Enables users to change the database that the connection is accessing using the specified database name.(Overrides <a href="#">DbConnection.ChangeDatabase(String)</a> .)
 <a href="#">ClearSchemaCache()</a>	Clears the schema cache.
 <a href="#">Close()</a>	Closes the connection with the remote host.(Overrides <a href="#">DbConnection.Close()</a> .)
 <a href="#">CreateCommand()</a>	Creates a new command that can be executed.
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">EnlistDistributedTransaction(ITransaction)</a>	Enlists a distributed transaction.
 <a href="#">EnlistTransaction(Transaction)</a>	Enlists a transaction.(Overrides <a href="#">DbConnection.EnlistTransaction(Transaction)</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetSchema()</a>	Retrieves the schema.(Overrides <a href="#">DbConnection.GetSchema()</a> .)
 <a href="#">GetSchema(String)</a>	Retrieves the schema based on the collection name.(Overrides <a href="#">DbConnection.GetSchema(String)</a> .)
 <a href="#">GetSchema(String, String[])</a>	Retrieves the schema for the associated collection name and restriction values.(Overrides <a href="#">DbConnection.GetSchema(String, String[])</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Open()</a>	Opens the connection with the remote host.(Overrides <a href="#">DbConnection.Open()</a> .)
 <a href="#">OpenAsync()</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">OpenAsync(Cancellation_token)</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">SetCustomPackageData(XmlReader)</a>	Sets custom package data.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Component</a> .)

#### Events

Name	Description
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">StateChange</a>	(Inherited from <a href="#">DbConnection</a> .)

#### Explicit Interface Implementations

Name	Description
 <a href="#">IDbConnection.BeginTransaction()</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">IDbConnection.BeginTransaction(IsolationLevel)</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">IDbConnection.CreateCommand()</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">ICloneable.Clone()</a>	

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Connection Members

Opens, closes, and maintains a connection to a DB2 host.















The following tables list the members exposed by the [MsDb2Connection](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2Connection</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2Connection</a> class.



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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the name of the affiliate application attempting to connect to the DB2 database. <b>Obsolete.</b>
 <a href="#">BinaryAsCharacter</a>	Gets or sets a value that determines if the provider treats binary data type fields (with a character code set identifier (CCSID) of 65535) as character data type fields on a per-data source basis. <b>Obsolete.</b>
 <a href="#">ClientAccounting</a>	Gets or sets the name of client accounting. <b>Obsolete.</b>
 <a href="#">ClientApplicationName</a>	Gets or sets the name of the client application. <b>Obsolete.</b>
 <a href="#">ClientUserID</a>	Gets or sets the client user ID. <b>Obsolete.</b>
 <a href="#">ClientWorkstationName</a>	Gets or sets the name of the client's workstation. <b>Obsolete.</b>
 <a href="#">ConnectionPooling</a>	Gets or sets the value that determines if connection pooling is active. <b>Obsolete.</b>
 <a href="#">ConnectionString</a>	Overridden. Gets or sets the connection string to connect to the data source.
 <a href="#">ConnectionTimeout</a>	Overridden. Gets or sets the connection timeout.
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Database</a>	Overridden. Gets or sets the name of the database to which MsDb2Connection connects.
 <a href="#">DatabaseName</a>	Gets or sets the name of the database.
 <a href="#">DataSource</a>	Overridden. Gets the data source.
 <a href="#">DBMSPlatform</a>	Gets or sets the target DB2 platform for which the Managed Provider is optimized. <b>Obsolete.</b>
 <a href="#">DefaultQualifier</a>	Gets or sets the default qualifier. <b>Obsolete.</b>
 <a href="#">DefaultSchema</a>	Gets or sets the default database schema to be used. <b>Obsolete.</b>
 <a href="#">DeferPrepare</a>	Gets or sets a value that determines whether to defer preparation. <b>Obsolete.</b>
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer. <b>Obsolete.</b>
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	Gets or sets the type of integrated security. <b>Obsolete.</b>
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum number of connection in a connection pool. <b>Obsolete.</b>
 <a href="#">NetworkProperties</a>	Gets or sets the network properties. <b>Obsolete.</b>
 <a href="#">NewPassword</a>	Gets or sets the new password. <b>Obsolete.</b>
 <a href="#">PackageCollection</a>	Gets or sets the name of the DRDA target collection (AS/400 library) where the Managed Provider should store and bind DB2 packages. <b>Obsolete.</b>
<a href="#">Password</a>	Gets or sets the password used to connect to the database. <b>Obsolete.</b>
<a href="#">PCCodepage</a>	Gets or sets the code page to be used on the local computer. <b>Obsolete.</b>
<a href="#">ServerClass</a>	Gets the server class.
<a href="#">ServerVersion</a>	Overridden. Gets the server version.
<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
<a href="#">State</a>	Overridden. Gets the status of the MsDb2Connection.
<a href="#">UnitsOfWork</a>	Gets or sets the type of transaction supported by the Managed Provider. <b>Obsolete.</b>
<a href="#">UseEarlyMetaData</a>	Gets or sets a value that determines if you use the early metadata. <b>Obsolete.</b>
<a href="#">UserName</a>	Gets or sets the name of the user connecting to the database. <b>Obsolete.</b>

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


Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DbProviderFactory</a>	(inherited from <a href="#">DbConnection</a> )

 <b>DesignMode</b>	(inherited from <a href="#">Component</a> )
 <b>Events</b>	(inherited from <a href="#">Component</a> )








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Public Methods (see also [Protected Methods](#))

	<b>Name</b>	<b>Description</b>
	<a href="#">BeginTransaction</a>	Overloaded. Begins the transaction.
	<a href="#">ChangeDatabase</a>	Overridden. Enables users to change the database that the connection is accessing using the specified database name.
	<a href="#">ClearSchemaCache</a>	Clears the schema cache.
	<a href="#">Close</a>	Overridden. Closes the connection with the remote host.
	<a href="#">CreateCommand</a>	Creates a new command that can be executed.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">EnlistDistributedTransaction</a>	Enlists a distributed transaction.
	<a href="#">EnlistTransaction</a>	Enlists a transaction.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetSchema</a>	Overloaded. Overridden. Retrieves the schema.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Open</a>	Overridden. Opens the connection with the remote host.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetCustomPackageData</a>	Sets custom package data.
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )



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Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">BeginDbTransaction</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">CreateDbCommand</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnStateChange</a>	(inherited from <a href="#">DbConnection</a> )

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Public Events

	<b>Name</b>	<b>Description</b>
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">StateChange</a>	(inherited from <a href="#">DbConnection</a> )

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Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">System.Data.IDbConnection.BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
	<a href="#">System.Data.IDbConnection.CreateCommand</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">System.ICloneable.Clone</a>	

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See Also

**Reference**

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)






# MsDb2Connection Constructor

Initializes a new instance of the [MsDb2Connection](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2Connection()</a>	Initializes a new instance of the <a href="#">MsDb2Connection</a> class.
 <a href="#">MsDb2Connection(MsDb2Connection)</a>	Initializes a new instance of the <a href="#">MsDb2Connection</a> class using the specified connection.
 <a href="#">MsDb2Connection(String)</a>	Initializes a new instance of the <a href="#">MsDb2Connection</a> class using the specified connection string.

See Also

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2Connection Constructor ()

Initializes a new instance of the [MsDb2Connection](#) class.

Syntax

C#

```
public MsDb2Connection()
```

C++

```
public:  
MsDb2Connection()
```

F#

```
new : unit -> MsDb2Connection
```

VB

```
Public Sub New
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the default values for a new instance of MsDb2Connection.

Properties	Initial Values
ConnectionString	Empty string ("")
Database	Empty string ("")
DataSource	Empty string ("")

You can change the value for these properties only by using ConnectionString.

[Return to top](#)

## MsDb2Connection Constructor (MsDb2Connection)

Initializes a new instance of the [MsDb2Connection](#) class using the specified connection.

Syntax

C#

```
public MsDb2Connection(  
    MsDb2Connection connection  
)
```

C++

```
public:  
MsDb2Connection(  
    MsDb2Connection^ connection  
)
```

F#

```
new :  
    connection:MsDb2Connection -> MsDb2Connection
```

VB

```
Public Sub New (  
    connection As MsDb2Connection  
)
```

#### Parameters

*connection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

The connection to use to create the object.

[Return to top](#)

#### MsDb2Connection Constructor (String)

Initializes a new instance of the [MsDb2Connection](#) class using the specified connection string.

Syntax

C#

```
public MsDb2Connection(  
    string connectionString  
)
```

C++

```
public:  
MsDb2Connection(  
    String^ connectionString  
)
```

F#

```
new :  
    connectionString:string -> MsDb2Connection
```

VB

```
Public Sub New (  
    connectionString As String  
)
```

#### Parameters

*connectionString*

Type: [System.String](#)

The connection string that provides the parameters for the connection.

Remarks

The default constructor initializes any fields to their default values. The following table describes the default values for a new instance of [MsDb2Connection](#).

Properties	Initial Values
ConnectionString	connectionString
Database	Empty string ("")
DataSource	Empty string ("")

You can change the value for these properties only by using ConnectionString.

#### Exceptions

Exception Type	Condition
InvalidPropertyValue	The connection string is invalid.

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# MsDb2Connection Constructor ()

Initializes a new instance of the [MsDb2Connection](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MsDb2Connection ()
```

C++

```
public:
MsDb2Connection ()
```

J#

```
public MsDb2Connection ()
```

JScript

```
public function MsDb2Connection ()
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the default values for a new instance of MsDb2Connection.

Properties	Initial Values
ConnectionString	Empty string ("")
Database	Empty string ("")
DataSource	Empty string ("")

You can change the value for these properties only by using ConnectionString.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Constructor (MsDb2Connection)

Initializes a new instance of the [MsDb2Connection](#) class using the specified connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connection As MsDb2Connection _
)
```

C#

```
public MsDb2Connection (
    MsDb2Connection connection
)
```

C++

```
public:
    MsDb2Connection (
        MsDb2Connection^ connection
    )
```

J#

```
public MsDb2Connection (
    MsDb2Connection connection
)
```

JScript

```
public function MsDb2Connection (
    connection : MsDb2Connection
)
```

## Parameters

connection

The connection to use to create the object.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Constructor (String)

Initializes a new instance of the [MsDb2Connection](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage  
Syntax  
VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public MsDb2Connection (
    string connectionString
)
```

C++

```
public:
    MsDb2Connection (
        String^ connectionString
    )
```

J#

```
public MsDb2Connection (
    String connectionString
)
```

JScript

```
public function MsDb2Connection (
    connectionString : String
)
```

**Parameters**

connectionString

The connection string that provides the parameters for the connection.

**Remarks**

The default constructor initializes any fields to their default values. The following table describes the default values for a new instance of MsDb2Connection.

Properties	Initial Values
ConnectionString	connectionString
Database	Empty string ("" )
DataSource	Empty string ("" )

You can change the value for these properties only by using ConnectionString.

**Exceptions**

Exception Type	Condition
----------------	-----------

InvalidPropertyValue	The connection string is invalid.
----------------------	-----------------------------------

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**





















[MsDb2Connection Class](#)

[MsDb2Connection Members](#)








[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BeginTransaction</a>	Overloaded. Begins the transaction.
	<a href="#">ChangeDatabase</a>	Overridden. Enables users to change the database that the connection is accessing using the specified database name.
	<a href="#">ClearSchemaCache</a>	Clears the schema cache.
	<a href="#">Close</a>	Overridden. Closes the connection with the remote host.
	<a href="#">CreateCommand</a>	Creates a new command that can be executed.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">EnlistDistributedTransaction</a>	Enlists a distributed transaction.
	<a href="#">EnlistTransaction</a>	Enlists a transaction.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetSchema</a>	Overloaded. Overridden. Retrieves the schema.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Open</a>	Overridden. Opens the connection with the remote host.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetCustomPackageData</a>	Sets custom package data.
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )

Protected Methods

	Name	Description
	<a href="#">BeginDbTransaction</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">CreateDbCommand</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnStateChange</a>	(inherited from <a href="#">DbConnection</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbConnection.BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
<a href="#">System.Data.IDbConnection.CreateCommand</a>	(inherited from <a href="#">DbConnection</a> )
<a href="#">System.ICloneable.Clone</a>	

See Also

## Reference

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2Connection.BeginTransaction Method

Begins the transaction.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Overload List

Name	Description
 <a href="#">BeginTransaction()</a>	Begins a transaction context using the default isolation level.
 <a href="#">BeginTransaction(IsolationLevel)</a>	Begins a transaction context using the specified isolation level.

See Also

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

**MsDb2Connection.BeginTransaction Method ()**

Begins a transaction context using the default isolation level.

Syntax

C#

```
public MsDb2Transaction BeginTransaction()
```

C++

```
public:  
MsDb2Transaction^ BeginTransaction()
```

F#

```
member BeginTransaction : unit -> MsDb2Transaction
```

VB

```
Public Function BeginTransaction As MsDb2Transaction
```

**Return Value**

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Transaction](#)

The exception value.

Remarks

Exceptions

Exception Type	Condition
OpenConnectionRequired	Connection is not yet open.
ParallelTransactionNotSupport	Attempt to begin two transactions at once.

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**MsDb2Connection.BeginTransaction Method (IsolationLevel)**

Begins a transaction context using the specified isolation level.

Syntax

C#

```
public MsDb2Transaction BeginTransaction(  
    IsolationLevel il  
)
```

C++

```
public:
    MsDb2Transaction^ BeginTransaction(
        IsolationLevel il
    )
```

F#

```
member BeginTransaction :
    il:IsolationLevel -> MsDb2Transaction
```

VB

```
Public Function BeginTransaction (
    il As IsolationLevel
) As MsDb2Transaction
```

#### Parameters

*il*

Type: [System.Data.IsolationLevel](#)

The wanted IsolationLevel.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Transaction](#)

IsolationLevel describing the current isolation level.

#### Remarks

The following table describes the possible values for IsolationLevel and the associated DRDA AR values and ConnectionAttribute values.

.NET Isolation level	DRDA AR Value	ConnectionAttribute
Chaos	n/a	n/a
ReadCommitted	IsolationCS	SQL_TXN_READ_COMMITTED
ReadUncommitted	IsolationCHG	SQL_TXN_READ_UNCOMMITTED
RepeatableRead	IsolationALL	SQL_TXN_REPEATABLE_READ
Serializable	IsolationRR	SQL_TXN_SERIALIZABLE
Unspecified	n/a	n/a
n/a	IsolationNC	n/a Must be AS/400 + AutoCommit = TRUE to get this.

#### Exceptions

Exception Type	Condition
OpenConnectionRequired	Connection is not yet open.
InvalidIsolationLevel	The isolation level is invalid. Some levels are invalid because there is no .NET to Distributed Data Management (DDM) conversion, and some because some isolation levels are not permitted on certain platforms. Isolation Level UR is forbidden on OS/390.

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# MsDb2Connection.BeginTransaction Method ()

Begins a transaction context using the default isolation level.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration  
Public Function BeginTransaction As MsDb2Transaction
```

C#

```
public MsDb2Transaction BeginTransaction ()
```

C++

```
public:  
MsDb2Transaction^ BeginTransaction ()
```

J#

```
public MsDb2Transaction BeginTransaction ()
```

JScript

```
public function BeginTransaction () : MsDb2Transaction
```

**Return Value**

The exception value.

Remarks

**Exceptions**

Exception Type	Condition
OpenConnectionRequired	Connection is not yet open.
ParallelTransactionNotSupport	Attempt to begin two transactions at once.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

- [MsDb2Connection Class](#)
- [MsDb2Connection Members](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.BeginTransaction Method (IsolationLevel)

Begins a transaction context using the specified isolation level.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function BeginTransaction ( _
    il As IsolationLevel _
) As MsDb2Transaction
```

C#

```
public MsDb2Transaction BeginTransaction (
    IsolationLevel il
)
```

C++

```
public:
MsDb2Transaction^ BeginTransaction (
    IsolationLevel il
)
```

J#

```
public MsDb2Transaction BeginTransaction (
    IsolationLevel il
)
```

JScript

```
public function BeginTransaction (
    il : IsolationLevel
) : MsDb2Transaction
```

**Parameters**

il  
The wanted IsolationLevel.

**Return Value**

IsolationLevel describing the current isolation level.

Remarks

The following table describes the possible values for IsolationLevel and the associated DRDA AR values and ConnectionAttribute values.

.NET Isolation level	DRDA AR Value	ConnectionAttribute
Chaos	n/a	n/a
ReadCommitted	IsolationCS	SQL_TXN_READ_COMMITED
ReadUncommitted	IsolationCHG	SQL_TXN_READ_UNCOMMITTED
RepeatableRead	IsolationALL	SQL_TXN_REPEATABLE_READ

Serializable	IsolationRR	SQL_TXN_SERIALIZABLE
Unspecified	n/a	n/a
n/a	IsolationNC	n/a Must be AS/400 + AutoCommit = TRUE to get this.

#### Exceptions

Exception Type	Condition
OpenConnectionRequired	Connection is not yet open.
InvalidIsolationLevel	The isolation level is invalid. Some levels are invalid because there is no .NET to Distributed Data Management (DDM) conversion, and some because some isolation levels are not permitted on certain platforms. Isolation Level UR is forbidden on OS/390.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ChangeDatabase Method

Enables users to change the database that the connection is accessing using the specified database name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage  
Syntax  
VB

```
'Declaration
Public Overrides Sub ChangeDatabase ( _
    value As String _
)
```

C#

```
public override void ChangeDatabase (
    string value
)
```

C++

```
public:
virtual void ChangeDatabase (
    String^ value
) override
```

J#

```
public void ChangeDatabase (
    String value
)
```

JScript

```
public override function ChangeDatabase (
    value : String
)
```

**Parameters**

value  
The new database name to which to connect.

**Remarks**

Using ChageDatabase requires all open MsDb2Commands, MsDb2DataAdapters, and MsDb2DataReaders be closed or declared invalid.

**Implements**

IDbConnection.ChangeDatabase

**Exceptions**

Exception Type	Condition
OpenConnectionRequired	The connection is not open.
InvalidPropertyValue	The dbName is <b>null</b> or empty.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ClearSchemaCache Method

Clears the schema cache.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub ClearSchemaCache
```

C#

```
public void ClearSchemaCache ()
```

C++

```
public:  
void ClearSchemaCache ()
```

J#

```
public void ClearSchemaCache ()
```

JScript

```
public function ClearSchemaCache ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.Close Method

Closes the connection with the remote host.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Close
```

C#

```
public override void Close ()
```

C++

```
public:  
virtual void Close () override
```

J#

```
public void Close ()
```

JScript

```
public override function Close ()
```

Remarks

**Implements**

IDbConnection.Close

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.CreateCommand Method

Creates a new command that can be executed.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CreateCommand As MsDb2Command
```

C#

```
public MsDb2Command CreateCommand ()
```

C++

```
public:  
MsDb2Command^ CreateCommand ()
```

J#

```
public MsDb2Command CreateCommand ()
```

JScript

```
public function CreateCommand () : MsDb2Command
```

## Return Value

The command to execute.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.EnlistDistributedTransaction Method

Enlists a distributed transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub EnlistDistributedTransaction ( _
    transaction As ITransaction _
)
```

C#

```
public void EnlistDistributedTransaction (
    ITransaction transaction
)
```

C++

```
public:
void EnlistDistributedTransaction (
    ITransaction^ transaction
)
```

J#

```
public void EnlistDistributedTransaction (
    ITransaction transaction
)
```

JScript

```
public function EnlistDistributedTransaction (
    transaction : ITransaction
)
```

## Parameters

transaction

The transaction to enlist in.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.EnlistTransaction Method

Enlists a transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Sub EnlistTransaction ( _
    transaction As Transaction _
)
```

C#

```
public virtual void EnlistTransaction (
    Transaction transaction
)
```

C++

```
public:
virtual void EnlistTransaction (
    Transaction^ transaction
)
```

J#

```
public void EnlistTransaction (
    Transaction transaction
)
```

JScript

```
public function EnlistTransaction (
    transaction : Transaction
)
```

## Parameters

transaction

The transaction to enlist.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)




# MsDb2Connection.GetSchema Method

Retrieves the schema.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">GetSchema()</a>	Retrieves the schema.(Overrides <a href="#">DbConnection.GetSchema()</a> .)
 <a href="#">GetSchema(String)</a>	Retrieves the schema based on the collection name.(Overrides <a href="#">DbConnection.GetSchema(String)</a> .)
 <a href="#">GetSchema(String, String[])</a>	Retrieves the schema for the associated collection name and restriction values.(Overrides <a href="#">DbConnection.GetSchema(String, String[])</a> .)

See Also

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2Connection.GetSchema Method ()

Retrieves the schema.

Syntax

C#

```
public override DataTable GetSchema()
```

C++

```
public:  
virtual DataTable^ GetSchema() override
```

F#

```
override GetSchema : unit -> DataTable
```

VB

```
Public Overrides Function GetSchema As DataTable
```

## Return Value

Type: [System.Data.DataTable](#)

The schema.

[Return to top](#)

## MsDb2Connection.GetSchema Method (String)

Retrieves the schema based on the collection name.

Syntax

C#

```
public override DataTable GetSchema(  
    string collectionName  
)
```

C++

```
public:  
virtual DataTable^ GetSchema(  
    String^ collectionName
```

```
) override
```

F#

```
override GetSchema :  
    collectionName:string -> DataTable
```

VB

```
Public Overrides Function GetSchema (  
    collectionName As String  
) As DataTable
```

#### Parameters

*collectionName*

Type: [System.String](#)

The collection name.

#### Return Value

Type: [System.Data.DataTable](#)

The associated schema.

[Return to top](#)

#### MsDb2Connection.GetSchema Method (String, String[])

Retrieves the schema for the associated collection name and restriction values.

Syntax

C#

```
public override DataTable GetSchema(  
    string collectionName,  
    string[] restrictionValues  
)
```

C++

```
public:  
virtual DataTable^ GetSchema(  
    String^ collectionName,  
    array<String^>^ restrictionValues  
) override
```

F#

```
override GetSchema :  
    collectionName:string *  
    restrictionValues:string[] -> DataTable
```

VB

```
Public Overrides Function GetSchema (  
    collectionName As String,  
    restrictionValues As String()  
) As DataTable
```

#### Parameters

*collectionName*

Type: [System.String](#)

The name of the collection.

*restrictionValues*

Type: [System.String](#)

The restriction values on the collection.

#### Return Value

Type: [System.Data.DataTable](#)  
[Return to top](#)

# MsDb2Connection.GetSchema Method ()

Retrieves the schema.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetSchema As DataTable
```

C#

```
public override DataTable GetSchema ()
```

C++

```
public:  
virtual DataTable^ GetSchema () override
```

J#

```
public DataTable GetSchema ()
```

JScript

```
public override function GetSchema () : DataTable
```

## Return Value

The schema.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.GetSchema Method (String)

Retrieves the schema based on the collection name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetSchema ( _
    collectionName As String _
) As DataTable
```

C#

```
public override DataTable GetSchema (
    string collectionName
)
```

C++

```
public:
virtual DataTable^ GetSchema (
    String^ collectionName
) override
```

J#

```
public DataTable GetSchema (
    String collectionName
)
```

JScript

```
public override function GetSchema (
    collectionName : String
) : DataTable
```

## Parameters

collectionName

The collection name.

## Return Value

The associated schema.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.GetSchema Method (String, String[])

Retrieves the schema for the associated collection name and restriction values.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetSchema ( _
    collectionName As String, _
    restrictionValues As String() _
) As DataTable
```

C#

```
public override DataTable GetSchema (
    string collectionName,
    string[] restrictionValues
)
```

C++

```
public:
virtual DataTable^ GetSchema (
    String^ collectionName,
    array<String^>^ restrictionValues
) override
```

J#

```
public DataTable GetSchema (
    String collectionName,
    String[] restrictionValues
)
```

JScript

```
public override function GetSchema (
    collectionName : String,
    restrictionValues : String[]
) : DataTable
```

## Parameters

collectionName

The name of the collection.

restrictionValues

The restriction values on the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)



# MsDb2Connection.Open Method

Opens the connection with the remote host.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Open
```

C#

```
public override void Open ()
```

C++

```
public:
virtual void Open () override
```

J#

```
public void Open ()
```

JScript

```
public override function Open ()
```

Remarks

**Implements**

IDbConnection.Open

**Exceptions**

Exception Type	Condition
NoConnectionString	No connection string.
ConnectionAlreadyOpen	Connection is already in the open state.
HostNotAvailableException	The host is not available.
InvalidPropertyException	One or more of the properties in the connection was invalid.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.SetCustomPackageData Method

Sets custom package data.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SetCustomPackageData ( _
    packageData As XmlReader _
)
```

C#

```
public void SetCustomPackageData (
    XmlReader packageData
)
```

C++

```
public:
void SetCustomPackageData (
    XmlReader^ packageData
)
```

J#

```
public void SetCustomPackageData (
    XmlReader packageData
)
```

JScript

```
public function SetCustomPackageData (
    packageData : XmlReader
)
```

## Parameters

packageData

The package data to set.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.System.ICloneable.Clone Method

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
```

C#

C++

J#

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


































[MsDb2Connection Class](#)

[MsDb2Connection Members](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Properties

Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the name of the affiliate application attempting to connect to the DB2 database. <b>Obsolete.</b>
 <a href="#">BinaryAsCharacter</a>	Gets or sets a value that determines if the provider treats binary data type fields (with a character code set identifier (CCSID) of 65535) as character data type fields on a per-data source basis. <b>Obsolete.</b>
 <a href="#">ClientAccounting</a>	Gets or sets the name of client accounting. <b>Obsolete.</b>
 <a href="#">ClientApplicationName</a>	Gets or sets the name of the client application. <b>Obsolete.</b>
 <a href="#">ClientUserID</a>	Gets or sets the client user ID. <b>Obsolete.</b>
 <a href="#">ClientWorkstationName</a>	Gets or sets the name of the client's workstation. <b>Obsolete.</b>
 <a href="#">ConnectionPooling</a>	Gets or sets the value that determines if connection pooling is active. <b>Obsolete.</b>
 <a href="#">ConnectionString</a>	Overridden. Gets or sets the connection string to connect to the data source.
 <a href="#">ConnectionTimeout</a>	Overridden. Gets or sets the connection timeout.
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Database</a>	Overridden. Gets or sets the name of the database to which MsDb2Connection connects.
 <a href="#">DatabaseName</a>	Gets or sets the name of the database.
 <a href="#">DataSource</a>	Overridden. Gets the data source.
 <a href="#">DBMSPlatform</a>	Gets or sets the target DB2 platform for which the Managed Provider is optimized. <b>Obsolete.</b>
 <a href="#">DefaultQualifier</a>	Gets or sets the default qualifier. <b>Obsolete.</b>
 <a href="#">DefaultSchema</a>	Gets or sets the default database schema to be used. <b>Obsolete.</b>
 <a href="#">DeferPrepare</a>	Gets or sets a value that determines whether to defer preparation. <b>Obsolete.</b>
 <a href="#">HostCCSID</a>	Gets or sets the character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer. <b>Obsolete.</b>
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	Gets or sets the type of integrated security. <b>Obsolete.</b>
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum number of connection in a connection pool. <b>Obsolete.</b>
 <a href="#">NetworkProperties</a>	Gets or sets the network properties. <b>Obsolete.</b>
 <a href="#">NewPassword</a>	Gets or sets the new password. <b>Obsolete.</b>
 <a href="#">PackageCollection</a>	Gets or sets the name of the DRDA target collection (AS/400 library) where the Managed Provider should store and bind DB2 packages. <b>Obsolete.</b>
 <a href="#">Password</a>	Gets or sets the password used to connect to the database. <b>Obsolete.</b>
 <a href="#">PCCodepage</a>	Gets or sets the code page to be used on the local computer. <b>Obsolete.</b>
 <a href="#">ServerClass</a>	Gets the server class.
 <a href="#">ServerVersion</a>	Overridden. Gets the server version.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">State</a>	Overridden. Gets the status of the MsDb2Connection.
 <a href="#">UnitsOfWork</a>	Gets or sets the type of transaction supported by the Managed Provider. <b>Obsolete.</b>
 <a href="#">UseEarlyMetaData</a>	Gets or sets a value that determines if you use the early metadata. <b>Obsolete.</b>
 <a href="#">UserName</a>	Gets or sets the name of the user connecting to the database. <b>Obsolete.</b>

Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DbProviderFactory</a>	(inherited from <a href="#">DbConnection</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )

See Also

**Reference**

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.AffiliateApplication Property

Gets or sets the name of the affiliate application attempting to connect to the DB2 database.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("AffiliateApplication property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property AffiliateApplication As String
```

C#

```
[ObsoleteAttribute("AffiliateApplication property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string AffiliateApplication { get; set; }
```

C++

```
[ObsoleteAttribute(L"AffiliateApplication property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ AffiliateApplication {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AffiliateApplication ()

/** @property */
public void set_AffiliateApplication (String value)
```

JScript

```
public function get AffiliateApplication () : String

public function set AffiliateApplication (value : String)
```

## Property Value

The name of the affiliate application attempting to connect to the DB2 database.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.BinaryAsCharacter Property

Gets or sets a value that determines if the provider treats binary data type fields (with a character code set identifier (CCSID) of 65535) as character data type fields on a per-data source basis.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("BinaryAsCharacter property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property BinaryAsCharacter As Boolean
```

C#

```
[ObsoleteAttribute("BinaryAsCharacter property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public bool BinaryAsCharacter { get; set; }
```

C++

```
[ObsoleteAttribute(L"BinaryAsCharacter property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property bool BinaryAsCharacter {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_BinaryAsCharacter ()

/** @property */
public void set_BinaryAsCharacter (boolean value)
```

JScript

```
public function get BinaryAsCharacter () : boolean

public function set BinaryAsCharacter (value : boolean)
```

Remarks

**Value**

**true** to treat binary data type fields as character data on a per-data source basis; otherwise, **false**. The default value is **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ClientAccounting Property

Gets or sets the name of client accounting.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("ClientAccounting property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property ClientAccounting As String
```

C#

```
[ObsoleteAttribute("ClientAccounting property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string ClientAccounting { get; set; }
```

C++

```
[ObsoleteAttribute(L"ClientAccounting property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ ClientAccounting {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientAccounting ()

/** @property */
public void set_ClientAccounting (String value)
```

JScript

```
public function get ClientAccounting () : String

public function set ClientAccounting (value : String)
```

## Property Value

The name of the client accounting.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ClientApplicationName Property

Gets or sets the name of the client application.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("ClientApplicationName property has been deprecated. Use the Microsoft.H
ostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property ClientApplicationName As String
```

C#

```
[ObsoleteAttribute("ClientApplicationName property has been deprecated. Use the Microsoft.H
ostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string ClientApplicationName { get; set; }
```

C++

```
[ObsoleteAttribute(L"ClientApplicationName property has been deprecated. Use the Microsoft.
HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ ClientApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientApplicationName ()

/** @property */
public void set_ClientApplicationName (String value)
```

JScript

```
public function get ClientApplicationName () : String

public function set ClientApplicationName (value : String)
```

## Property Value

The client application name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ClientUserID Property

Gets or sets the client user ID.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("ClientUserID property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property ClientUserID As String
```

C#

```
[ObsoleteAttribute("ClientUserID property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string ClientUserID { get; set; }
```

C++

```
[ObsoleteAttribute(L"ClientUserID property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ ClientUserID {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientUserID ()

/** @property */
public void set_ClientUserID (String value)
```

JScript

```
public function get ClientUserID () : String

public function set ClientUserID (value : String)
```

## Property Value

The client user ID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ClientWorkstationName Property

Gets or sets the name of the client's workstation.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("ClientWorkstationName property has been deprecated. Use the Microsoft.H
ostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property ClientWorkstationName As String
```

C#

```
[ObsoleteAttribute("ClientWorkstationName property has been deprecated. Use the Microsoft.H
ostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string ClientWorkstationName { get; set; }
```

C++

```
[ObsoleteAttribute(L"ClientWorkstationName property has been deprecated. Use the Microsoft.
HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ ClientWorkstationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientWorkstationName ()

/** @property */
public void set_ClientWorkstationName (String value)
```

JScript

```
public function get ClientWorkstationName () : String

public function set ClientWorkstationName (value : String)
```

## Property Value

The client workstation name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ConnectionPooling Property

Gets or sets the value that determines if connection pooling is active.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("ConnectionPooling property has been deprecated. Use the Microsoft.HostI
ntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property ConnectionPooling As Boolean
```

C#

```
[ObsoleteAttribute("ConnectionPooling property has been deprecated. Use the Microsoft.HostI
ntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public bool ConnectionPooling { get; set; }
```

C++

```
[ObsoleteAttribute(L"ConnectionPooling property has been deprecated. Use the Microsoft.Host
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property bool ConnectionPooling {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ConnectionPooling ()

/** @property */
public void set_ConnectionPooling (boolean value)
```

JScript

```
public function get ConnectionPooling () : boolean

public function set ConnectionPooling (value : boolean)
```

## Property Value

**True** if connection pooling is active; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.ConnectionString Property

Gets or sets the connection string to connect to the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DefaultValueAttribute("")> _
<RecommendedAsConfigurableAttribute(True)> _
Public Overrides Property ConnectionString As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DefaultValueAttribute("")]
[RecommendedAsConfigurableAttribute(true)]
public override string ConnectionString { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DefaultValueAttribute(L"")]
[RecommendedAsConfigurableAttribute(true)]
public:
virtual property String^ ConnectionString {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_ConnectionString ()

/** @property */
public void set_ConnectionString (String value)
```

JScript

```
public override function get ConnectionString () : String

public override function set ConnectionString (value : String)
```

## Remarks

The format of the connection string follows the attribute=value pair listing similar to Open Database Connectivity (ODBC) and OLE DB connection strings. The connection string is parsed in the managed environment so that the proper fields can be extracted for a uniform call to the distributed relational database architecture (DRDA AR). The default value is an empty string.

## Value

The connection string to connect to the data source.

## Exceptions

Exception type	Condition
InvalidPropertyException	A property name/value pair is invalid.

InvalidConnectionPropertySet	User tried to set the value while the connection was not closed.
------------------------------	--

#### Implements

IDbConnection.ConnectionString

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ConnectionTimeout Property

Gets or sets the connection timeout.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides ReadOnly Property ConnectionTimeout As Integer
```

C#

```
[BrowsableAttribute(false)]
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int ConnectionTimeout { get; }
```

C++

```
[BrowsableAttribute(false)]
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int ConnectionTimeout {
    int get () override;
}
```

J#

```
/** @property */
public int get_ConnectionTimeout ()
```

JScript

```
public override function get ConnectionTimeout () : int
```

## Property Value

The connection timeout.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.Database Property

Gets or sets the name of the database to which MsDb2Connection connects.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RecommendedAsConfigurableAttribute(True)> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DefaultValueAttribute("")> _
Public Overrides ReadOnly Property Database As String
```

C#

```
[RecommendedAsConfigurableAttribute(true)]
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DefaultValueAttribute("")]
public override string Database { get; }
```

C++

```
[RecommendedAsConfigurableAttribute(true)]
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DefaultValueAttribute(L"")]
public:
virtual property String^ Database {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_Database ()
```

JScript

```
public override function get Database () : String
```

## Property Value

The name of the database to which MsDb2Connection connects.

Remarks

Database is set in the connection string.

## Implements

IDbConnection.Database

## Value

The name of the database to which MsDb2Connection connects. The default value is an empty string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DatabaseName Property

Gets or sets the name of the database.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DatabaseName As String
```

C#

```
public string DatabaseName { get; set; }
```

C++

```
public:
property String^ DatabaseName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DatabaseName ()

/** @property */
public void set_DatabaseName (String value)
```

JScript

```
public function get DatabaseName () : String

public function set DatabaseName (value : String)
```

## Property Value

The database name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DataSource Property

Gets the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RecommendedAsConfigurableAttribute(True)> _
<DefaultValueAttribute("")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Overrides ReadOnly Property DataSource As String
```

C#

```
[RecommendedAsConfigurableAttribute(true)]
[DefaultValueAttribute("")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public override string DataSource { get; }
```

C++

```
[RecommendedAsConfigurableAttribute(true)]
[DefaultValueAttribute(L"")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
virtual property String^ DataSource {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_DataSource ()
```

JScript

```
public override function get DataSource () : String
```

## Property Value

The data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DBMSPlatform Property

Gets or sets the target DB2 platform for which the Managed Provider is optimized.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("DBMSPlatform property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property DBMSPlatform As DBMSPlatform
```

C#

```
[ObsoleteAttribute("DBMSPlatform property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public DBMSPlatform DBMSPlatform { get; set; }
```

C++

```
[ObsoleteAttribute(L"DBMSPlatform property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property DBMSPlatform DBMSPlatform {
    DBMSPlatform get ();
    void set (DBMSPlatform value);
}
```

J#

```
/** @property */
public DBMSPlatform get_DBMSPlatform ()

/** @property */
public void set_DBMSPlatform (DBMSPlatform value)
```

JScript

```
public function get DBMSPlatform () : DBMSPlatform

public function set DBMSPlatform (value : DBMSPlatform)
```

## Property Value

The target DB2 platform for which the Managed Provider is optimized.

Remarks

**Value**

The DB2 platform the Managed Provider is optimized for.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also



## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DefaultQualifier Property

Gets or sets the default qualifier.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("DefaultQualifier property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property DefaultQualifier As String
```

C#

```
[ObsoleteAttribute("DefaultQualifier property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string DefaultQualifier { get; set; }
```

C++

```
[ObsoleteAttribute(L"DefaultQualifier property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ DefaultQualifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultQualifier ()

/** @property */
public void set_DefaultQualifier (String value)
```

JScript

```
public function get DefaultQualifier () : String

public function set DefaultQualifier (value : String)
```

## Property Value

The default qualifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DefaultSchema Property

Gets or sets the default database schema to be used.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("DefaultSchema property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property DefaultSchema As String
```

C#

```
[ObsoleteAttribute("DefaultSchema property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string DefaultSchema { get; set; }
```

C++

```
[ObsoleteAttribute(L"DefaultSchema property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ DefaultSchema {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultSchema ()

/** @property */
public void set_DefaultSchema (String value)
```

JScript

```
public function get DefaultSchema () : String

public function set DefaultSchema (value : String)
```

## Property Value

The default database schema to be used.

Remarks

**Value**

The default database schema to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**[MsDb2Connection Class](#)[MsDb2Connection Members](#)[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.DeferPrepare Property

Gets or sets a value that determines whether to defer preparation.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("DeferPrepare property has been deprecated. Use the Microsoft.HostIntegr
ation.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property DeferPrepare As Boolean
```

C#

```
[ObsoleteAttribute("DeferPrepare property has been deprecated. Use the Microsoft.HostIntegr
ation.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public bool DeferPrepare { get; set; }
```

C++

```
[ObsoleteAttribute(L"DeferPrepare property has been deprecated. Use the Microsoft.HostInteg
ration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property bool DeferPrepare {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DeferPrepare ()

/** @property */
public void set_DeferPrepare (boolean value)
```

JScript

```
public function get DeferPrepare () : boolean

public function set DeferPrepare (value : boolean)
```

## Property Value

**true** to defer preparation; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.HostCCSID Property

Gets or sets the character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("HostCCSID property has been deprecated. Use the Microsoft.HostIntegrati
on.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property HostCCSID As Integer
```

C#

```
[ObsoleteAttribute("HostCCSID property has been deprecated. Use the Microsoft.HostIntegrati
on.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public int HostCCSID { get; set; }
```

C++

```
[ObsoleteAttribute(L"HostCCSID property has been deprecated. Use the Microsoft.HostIntegrat
ion.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property int HostCCSID {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCCSID ()

/** @property */
public void set_HostCCSID (int value)
```

JScript

```
public function get HostCCSID () : int

public function set HostCCSID (value : int)
```

## Property Value

The character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer.

Remarks

**Value**

The character code set identifier (CCSID) that must match the data in the file as represented on the remote host computer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.InitialCatalog Property

Gets or sets the initial catalog.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property InitialCatalog As String
```

C#

```
public string InitialCatalog { get; set; }
```

C++

```
public:
property String^ InitialCatalog {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_InitialCatalog ()

/** @property */
public void set_InitialCatalog (String value)
```

JScript

```
public function get InitialCatalog () : String

public function set InitialCatalog (value : String)
```

## Property Value

The initial catalog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.IntegratedSecurity Property

Gets or sets the type of integrated security.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("IntegratedSecurity property has been deprecated. Use the Microsoft.Host
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property IntegratedSecurity As String
```

C#

```
[ObsoleteAttribute("IntegratedSecurity property has been deprecated. Use the Microsoft.Host
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string IntegratedSecurity { get; set; }
```

C++

```
[ObsoleteAttribute(L"IntegratedSecurity property has been deprecated. Use the Microsoft.Hos
tIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ IntegratedSecurity {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IntegratedSecurity ()

/** @property */
public void set_IntegratedSecurity (String value)
```

JScript

```
public function get IntegratedSecurity () : String

public function set IntegratedSecurity (value : String)
```

## Property Value

The type of integrated security.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.MaxPoolSize Property

Gets or sets the maximum number of connection in a connection pool.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("MaxPoolSize property has been deprecated. Use the Microsoft.HostIntegra
tion.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property MaxPoolSize As Integer
```

C#

```
[ObsoleteAttribute("MaxPoolSize property has been deprecated. Use the Microsoft.HostIntegra
tion.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public int MaxPoolSize { get; set; }
```

C++

```
[ObsoleteAttribute(L"MaxPoolSize property has been deprecated. Use the Microsoft.HostIntegr
ation.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property int MaxPoolSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_MaxPoolSize ()

/** @property */
public void set_MaxPoolSize (int value)
```

JScript

```
public function get MaxPoolSize () : int

public function set MaxPoolSize (value : int)
```

## Property Value

The maximum number of connection in a connection pool.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.NetworkProperties Property

Gets or sets the network properties.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("NetworkProperties property has been deprecated. Use the Microsoft.HostI
ntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property NetworkProperties As MsDb2NetworkProperties
```

C#

```
[ObsoleteAttribute("NetworkProperties property has been deprecated. Use the Microsoft.HostI
ntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public MsDb2NetworkProperties NetworkProperties { get; set; }
```

C++

```
[ObsoleteAttribute(L"NetworkProperties property has been deprecated. Use the Microsoft.Host
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property MsDb2NetworkProperties^ NetworkProperties {
    MsDb2NetworkProperties^ get ();
    void set (MsDb2NetworkProperties^ value);
}
```

J#

```
/** @property */
public MsDb2NetworkProperties get_NetworkProperties ()

/** @property */
public void set_NetworkProperties (MsDb2NetworkProperties value)
```

JScript

```
public function get NetworkProperties () : MsDb2NetworkProperties

public function set NetworkProperties (value : MsDb2NetworkProperties)
```

## Property Value

The network properties.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.NewPassword Property

Gets or sets the new password.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("NewPassword property has been deprecated. Use Microsoft.HostIntegration
.DataAccessLibrary.IConnectionString.ChangePassword()")> _
Public Property NewPassword As String
```

C#

```
[ObsoleteAttribute("NewPassword property has been deprecated. Use Microsoft.HostIntegration
.DataAccessLibrary.IConnectionString.ChangePassword()")]
public string NewPassword { get; set; }
```

C++

```
[ObsoleteAttribute(L"NewPassword property has been deprecated. Use Microsoft.HostIntegratio
n.DataAccessLibrary.IConnectionString.ChangePassword()")]
public:
property String^ NewPassword {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NewPassword ()

/** @property */
public void set_NewPassword (String value)
```

JScript

```
public function get NewPassword () : String

public function set NewPassword (value : String)
```

## Property Value

The new password.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.PackageCollection Property

Gets or sets the name of the DRDA target collection (AS/400 library) where the Managed Provider should store and bind DB2 packages.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("PackageCollection property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property PackageCollection As String
```

C#

```
[ObsoleteAttribute("PackageCollection property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string PackageCollection { get; set; }
```

C++

```
[ObsoleteAttribute(L"PackageCollection property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ PackageCollection {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PackageCollection ()

/** @property */
public void set_PackageCollection (String value)
```

JScript

```
public function get PackageCollection () : String

public function set PackageCollection (value : String)
```

## Property Value

The name of the DRDA collection.

Remarks

**Value**

The name of the DRDA target collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.Password Property

Gets or sets the password used to connect to the database.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Password property has been deprecated. Use the Microsoft.HostIntegratio
n.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property Password As String
```

C#

```
[ObsoleteAttribute("Password property has been deprecated. Use the Microsoft.HostIntegratio
n.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string Password { get; set; }
```

C++

```
[ObsoleteAttribute(L"Password property has been deprecated. Use the Microsoft.HostIntegrati
on.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ Password {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Password ()

/** @property */
public void set_Password (String value)
```

JScript

```
public function get Password () : String

public function set Password (value : String)
```

## Property Value

The password used to connect to the database.

Remarks

**Value**

The password used to connect to the database.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.PCCodepage Property

Gets or sets the code page to be used on the local computer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("PCCodepage property has been deprecated. Use the Microsoft.HostIntegrat
ion.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property PCCodepage As Integer
```

C#

```
[ObsoleteAttribute("PCCodepage property has been deprecated. Use the Microsoft.HostIntegrat
ion.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public int PCCodepage { get; set; }
```

C++

```
[ObsoleteAttribute(L"PCCodepage property has been deprecated. Use the Microsoft.HostIntegra
tion.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property int PCCodepage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_PCCodepage ()

/** @property */
public void set_PCCodepage (int value)
```

JScript

```
public function get PCCodepage () : int

public function set PCCodepage (value : int)
```

## Property Value

The code page.

Remarks

**Value**

The code page for the local computer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ServerClass Property

Gets the server class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ServerClass As String
```

C#

```
public string ServerClass { get; }
```

C++

```
public:
property String^ ServerClass {
    String^ get ();
}
```

J#

```
/** @property */
public String get_ServerClass ()
```

JScript

```
public function get ServerClass () : String
```

## Property Value

The server class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.ServerVersion Property

Gets the server version.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
Public Overrides ReadOnly Property ServerVersion As String
```

C#

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public override string ServerVersion { get; }
```

C++

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
public:
virtual property String^ ServerVersion {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_ServerVersion ()
```

JScript

```
public override function get ServerVersion () : String
```

## Property Value

The server version.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.State Property

Gets the status of the MsDb2Connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
Public Overrides ReadOnly Property State As ConnectionState
```

C#

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public override ConnectionState State { get; }
```

C++

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
public:
virtual property ConnectionState State {
    ConnectionState get () override;
}
```

J#

```
/** @property */
public ConnectionState get_State ()
```

JScript

```
public override function get State () : ConnectionState
```

## Property Value

The status of the MsDb2Connection.

Remarks

State is set in the connection string.

## Implements

IDbConnection.State

## Value

The duration in seconds to wait before the connection times out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.UnitsOfWork Property

Gets or sets the type of transaction supported by the Managed Provider.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("UnitsOfWork property has been deprecated. Use the Microsoft.HostIntegra
tion.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property UnitsOfWork As UnitsOfWorkType
```

C#

```
[ObsoleteAttribute("UnitsOfWork property has been deprecated. Use the Microsoft.HostIntegra
tion.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public UnitsOfWorkType UnitsOfWork { get; set; }
```

C++

```
[ObsoleteAttribute(L"UnitsOfWork property has been deprecated. Use the Microsoft.HostIntegr
ation.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property UnitsOfWorkType UnitsOfWork {
    UnitsOfWorkType get ();
    void set (UnitsOfWorkType value);
}
```

J#

```
/** @property */
public UnitsOfWorkType get_UnitsOfWork ()

/** @property */
public void set_UnitsOfWork (UnitsOfWorkType value)
```

JScript

```
public function get UnitsOfWork () : UnitsOfWorkType

public function set UnitsOfWork (value : UnitsOfWorkType)
```

## Property Value

The type of transaction supported by the Managed Provider.

Remarks

**Value**

UnitsOfWorkType containing the units of work.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**[MsDb2Connection Class](#)[MsDb2Connection Members](#)[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Connection.UseEarlyMetaData Property

Gets or sets a value that determines if you use the early metadata.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("UseEarlyMetaData property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property UseEarlyMetaData As Boolean
```

C#

```
[ObsoleteAttribute("UseEarlyMetaData property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public bool UseEarlyMetaData { get; set; }
```

C++

```
[ObsoleteAttribute(L"UseEarlyMetaData property has been deprecated. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property bool UseEarlyMetaData {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseEarlyMetaData ()

/** @property */
public void set_UseEarlyMetaData (boolean value)
```

JScript

```
public function get UseEarlyMetaData () : boolean

public function set UseEarlyMetaData (value : boolean)
```

## Property Value

**True** if you use the early metadata; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Connection Class](#)

[MsDb2Connection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection.UserName Property

Gets or sets the name of the user connecting to the database.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("UserName property has been deprecated. Use the Microsoft.HostIntegratio
n.MsDb2Client.MsDb2ConnectionStringBuilder.")> _
Public Property UserName As String
```

C#

```
[ObsoleteAttribute("UserName property has been deprecated. Use the Microsoft.HostIntegratio
n.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public string UserName { get; set; }
```

C++

```
[ObsoleteAttribute(L"UserName property has been deprecated. Use the Microsoft.HostIntegrati
on.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public:
property String^ UserName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserName ()

/** @property */
public void set_UserName (String value)
```

JScript

```
public function get UserName () : String

public function set UserName (value : String)
```

## Property Value

The name of the user.

Remarks

**Value**

The user name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**[MsDb2Connection Class](#)[MsDb2Connection Members](#)[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Connection Events

## Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">StateChange</a>	(inherited from <a href="#">DbConnection</a> )

See Also

### Reference

[MsDb2Connection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder Class

Provides a simple way to create and manage the contents of connection strings used by the MsDb2Connection class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Data.Common.DbConnectionStringBuilder](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder**

Syntax  
C#

```
public sealed class MsDb2ConnectionStringBuilder : DbConnectionStringBuilder
```

C++

```
public ref class MsDb2ConnectionStringBuilder sealed : DbConnectionStringBuilder
```



F#

```
[<Sealed>]  
type MsDb2ConnectionStringBuilder =  
    class  
        inherit DbConnectionStringBuilder  
    end
```











VB

































```
Public NotInheritable Class MsDb2ConnectionStringBuilder  
    Inherits DbConnectionStringBuilder
```














Constructors

	Name	Description
	<a href="#">MsDb2ConnectionStringBuilder()</a>	Initializes a new instance of the <b>MsDb2ConnectionStringBuilder</b> class.
	<a href="#">MsDb2ConnectionStringBuilder(String)</a>	Initializes a new instance of the <b>MsDb2ConnectionStringBuilder</b> class using the specified connection string.













Properties

	Name	Description
	<a href="#">AffiliateApplication</a>	Gets or sets the affiliate application.
	<a href="#">AllowNullChars</a>	
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
	<a href="#">AppcMode</a>	Gets or sets the APPC mode.
	<a href="#">AppcSecurityType</a>	Gets or sets the APPC security type.
	<a href="#">Authentication</a>	Gets or sets the authentication name.
	<a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made.
	<a href="#">BinaryCodePage</a>	Gets or sets the binary code page.
	<a href="#">CertificateCN</a>	Gets or sets the certificate common name.
	<a href="#">ClientAccounting</a>	Gets or sets the client accounting.





 <a href="#">ClientApplicationName</a>	Gets or sets the client application name.
 <a href="#">ClientUserID</a>	Gets or sets the client user ID.
 <a href="#">ClientWorkstationName</a>	Gets or sets the name of the client's workstation.
 <a href="#">ConnectionString</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">ConnectTimeout</a>	Gets or sets the connection timeout.
 <a href="#">Count</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">DatabaseName</a>	Gets or sets the name of the database used.
 <a href="#">DataSource</a>	Gets or sets the connection data source.
 <a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether the date/time value is a character value.
 <a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether DateTime is specified as Date.
 <a href="#">DBMSPlatform</a>	Gets or sets the DBMS platform.
 <a href="#">DecimalAsNumeric</a>	
 <a href="#">DefaultQualifier</a>	Gets or sets the default qualifier.
 <a href="#">DefaultSchema</a>	Gets or sets the default schema of the connection.
 <a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether preparation should be deferred.
 <a href="#">DeriveParameters</a>	Gets or sets a value that indicates whether derive parameters are specified.
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties.
 <a href="#">FileName</a>	Gets or sets the connection file name.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Gets a value that indicates whether the data is of fixed size.(Overrides <a href="#">DbConnectionStringBuilder.IsFixedSize</a> .)
 <a href="#">IsReadOnly</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">Item(String)</a>	Gets or sets the connection key, based on the specified keyword.(Overrides <a href="#">DbConnectionStringBuilder.Item(String)</a> .)
 <a href="#">Keys</a>	Gets the keys of the current instance.(Overrides <a href="#">DbConnectionStringBuilder.Keys</a> .)
 <a href="#">LoadBalancing</a>	
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum number of connections allowed in the connection pool for this specific connection string.
 <a href="#">NetworkAddress</a>	Gets or sets the network address.
 <a href="#">NetworkPort</a>	Gets or sets the network port.
 <a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.
 <a href="#">PackageCollection</a>	Gets or sets the package collection.



 Password	Gets or sets the password.
 PCCodePage	Gets or sets the PC code page.
 PersistSecurityInfo	Gets or sets a value that indicates whether the application should persist security information.
 Pooling	Gets or sets a value that indicates whether pooling is used.
 PrincipleName	Gets the principle name.
 Provider	Gets or sets the provider.
 RemoteLU	Gets or sets the remote LU.
 RowsetCacheSize	Gets or sets the rowset cache size.
 ShadowCatalog	Gets or sets the shadow catalog.
 UnitsOfWork	Gets or sets the units of work.
 UseEarlyMetadata	Gets or sets a value that indicates whether early metadata is used.
 UserId	Gets or sets the user ID.
 Values	Gets a collection of values.(Overrides <a href="#">DbConnectionStringBuilder.Values.</a> )

#### Methods

Name	Description
 <a href="#">Add(String, Object)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">Clear()</a>	Clears the connection.(Overrides <a href="#">DbConnectionStringBuilder.Clear().</a> )
 <a href="#">ClearPropertyDescriptors()</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">ContainsKey(String)</a>	Indicates whether the connection string contains the specified key.(Overrides <a href="#">DbConnectionStringBuilder.ContainsKey(String).</a> )
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">EquivalentTo(DbConnectionStringBuilder)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">Remove(String)</a>	Indicates whether the data was removed.(Overrides <a href="#">DbConnectionStringBuilder.Remove(String).</a> )
 <a href="#">ShouldSerialize(String)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">TryGetValue(String, Object)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )

#### Explicit Interface Implementations

Name	Description
 <a href="#">ICollection.CopyTo(Array, Int32)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">IDictionary.Add(Object, Object)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">IDictionary.Contains(Object)</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )
 <a href="#">IDictionary.GetEnumerator()</a>	(Inherited from <a href="#">DbConnectionStringBuilder.</a> )

 IDictionary.Remove(Object)	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 IEnumerable.GetEnumerator()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetAttributes()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetClassName()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetComponentName()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetConverter()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetDefaultEvent()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetDefaultProperty()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetEditor(Type)	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetEvents()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetEvents(Attribute[])	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetProperties()	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetProperties(Attribute[])	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 ICustomTypeDescriptor.GetPropertyOwner(PropertyDescriptor)	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2ConnectionStringBuilder Members

Provides a simple way to create and manage the contents of connection strings used by the `MsDb2Connection` class.

















The following tables list the members exposed by the [MsDb2ConnectionStringBuilder](#) type.















## Public Constructors

Name	Description
<a href="#">MsDb2ConnectionStringBuilder</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2ConnectionStringBuilder</a> class.

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## Public Properties

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the affiliate application.
 <a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
 <a href="#">AppcMode</a>	Gets or sets the APPC mode.
 <a href="#">AppcSecurityType</a>	Gets or sets the APPC security type.
 <a href="#">Authentication</a>	Gets or sets the authentication name.
 <a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made.
 <a href="#">BinaryAsCharacter</a>	Gets or sets a value that indicates whether binary data should be interpreted as character data.
 <a href="#">BinaryCodePage</a>	Gets or sets the binary code page.
 <a href="#">BrowsableConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">CertificateCN</a>	Gets or sets the certificate common name.
 <a href="#">ClientAccounting</a>	Gets or sets the client accounting.
 <a href="#">ClientApplicationName</a>	Gets or sets the client application name.
 <a href="#">ClientUserID</a>	Gets or sets the client user ID.
 <a href="#">ClientWorkstationName</a>	Gets or sets the name of the client's workstation.
 <a href="#">ConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">ConnectTimeout</a>	Gets or sets the connection timeout.
 <a href="#">Count</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">DatabaseName</a>	Gets or sets the name of the database used.
 <a href="#">DataSource</a>	Gets or sets the connection data source.
 <a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether the date/time value is a character value.
 <a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether DateTime is specified as Date.
 <a href="#">DBMSPlatform</a>	Gets or sets the DBMS platform.
 <a href="#">DefaultQualifier</a>	Gets or sets the default qualifier.
 <a href="#">DefaultSchema</a>	Gets or sets the default schema of the connection.
 <a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether preparation should be deferred.
 <a href="#">DeriveParameters</a>	Gets or sets a value that indicates whether derive parameters are specified.
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties.
 <a href="#">FileName</a>	Gets or sets the connection file name.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the data is of fixed size.
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Item</a>	Overridden. Gets or sets the connection key, based on the specified keyword.
 <a href="#">Keys</a>	Overridden. Gets the keys of the current instance.
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum number of connections allowed in the connection pool for this specific connection string.
 <a href="#">NetworkAddress</a>	Gets or sets the network address.
 <a href="#">NetworkPort</a>	Gets or sets the network port.
<a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.

 <a href="#">PackageCollection</a>	Gets or sets the package collection.
 <a href="#">Password</a>	Gets or sets the password.
 <a href="#">PCCodePage</a>	Gets or sets the PC code page.
 <a href="#">PersistSecurityInfo</a>	Gets or sets a value that indicates whether the application should persist security information.
 <a href="#">Pooling</a>	Gets or sets a value that indicates whether pooling is used.
 <a href="#">PrincipleName</a>	Gets the principle name.
 <a href="#">Provider</a>	Gets or sets the provider.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU.
 <a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.
 <a href="#">ShadowCatalog</a>	Gets or sets the shadow catalog.
 <a href="#">UnitsOfWork</a>	Gets or sets the units of work.
 <a href="#">UseEarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is used.
 <a href="#">UserId</a>	Gets or sets the user ID.
 <a href="#">Values</a>	Overridden. Gets a collection of values.





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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 	<a href="#">AppendKeyValuePair</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Clear</a>	Overridden. Clears the connection.
	<a href="#">ContainsKey</a>	Overridden. Indicates whether the connection string contains the specified key.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">EquivalentTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overridden. Indicates whether the data was removed.
	<a href="#">ShouldSerialize</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">TryGetValue</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

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Protected Methods

	Name	Description
	<a href="#">ClearPropertyDescriptors</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperties</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.ICollection.CopyTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Contains</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Remove</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IEnumerable.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetAttributes</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetClassName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetComponentName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetConverter</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultEvent</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultProperty</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEditor</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEvents</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetProperties</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetPropertyOwner</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.ICollection.IsSynchronized</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.ICollection.SyncRoot</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Item</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

[Top](#)

See Also

**Reference**

[MsDb2ConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder Constructor

Initializes a new instance of the [MsDb2ConnectionStringBuilder](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2ConnectionStringBuilder()</a>	Initializes a new instance of the <a href="#">MsDb2ConnectionStringBuilder</a> class.
 <a href="#">MsDb2ConnectionStringBuilder(String)</a>	Initializes a new instance of the <a href="#">MsDb2ConnectionStringBuilder</a> class using the specified connection string.

See Also

[MsDb2ConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2ConnectionStringBuilder Constructor ()

Initializes a new instance of the [MsDb2ConnectionStringBuilder](#) class.

Syntax

C#

```
public MsDb2ConnectionStringBuilder()
```

C++

```
public:  
MsDb2ConnectionStringBuilder()
```

F#

```
new : unit -> MsDb2ConnectionStringBuilder
```

VB

```
Public Sub New
```

[Return to top](#)

## MsDb2ConnectionStringBuilder Constructor (String)

Initializes a new instance of the [MsDb2ConnectionStringBuilder](#) class using the specified connection string.

Syntax

C#

```
public MsDb2ConnectionStringBuilder(  
    string connectionString  
)
```

C++

```
public:  
MsDb2ConnectionStringBuilder(  
    String^ connectionString  
)
```

F#

```
new :  
    connectionString:string -> MsDb2ConnectionStringBuilder
```

VB

```
Public Sub New (  
    connectionString As String  
)
```

**Parameters**

*connectionString*

Type: [System.String](#)

The connection string to initialize the class with.

[Return to top](#)

# MsDb2ConnectionStringBuilder Constructor ()

Initializes a new instance of the [MsDb2ConnectionStringBuilder](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2ConnectionStringBuilder ()
```

C++

```
public:  
MsDb2ConnectionStringBuilder ()
```

J#

```
public MsDb2ConnectionStringBuilder ()
```

JScript

```
public function MsDb2ConnectionStringBuilder ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder Constructor (String)

Initializes a new instance of the [MsDb2ConnectionStringBuilder](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public MsDb2ConnectionStringBuilder (
    string connectionString
)
```

C++

```
public:
    MsDb2ConnectionStringBuilder (
        String^ connectionString
    )
```

J#

```
public MsDb2ConnectionStringBuilder (
    String connectionString
)
```

JScript

```
public function MsDb2ConnectionStringBuilder (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to initialize the class with.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">AppendKeyValuePair</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Clear</a>	Overridden. Clears the connection.
	<a href="#">ContainsKey</a>	Overridden. Indicates whether the connection string contains the specified key.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">EquivalentTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overridden. Indicates whether the data was removed.
	<a href="#">ShouldSerialize</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">TryGetValue</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

Protected Methods

	Name	Description
	<a href="#">ClearPropertyDescriptors</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperties</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.ICollection.CopyTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Contains</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Remove</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IEnumerable.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetAttributes</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetClassName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetComponentName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetConverter</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultEvent</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultProperty</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEditor</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEvents</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetProperties</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetPropertyOwner</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.Clear Method

Clears the connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Clear
```

C#

```
public override void Clear ()
```

C++

```
public:  
virtual void Clear () override
```

J#

```
public void Clear ()
```

JScript

```
public override function Clear ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ContainsKey Method

Indicates whether the connection string contains the specified key.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ContainsKey ( _
    keyword As String _
) As Boolean
```

C#

```
public override bool ContainsKey (
    string keyword
)
```

C++

```
public:
virtual bool ContainsKey (
    String^ keyword
) override
```

J#

```
public boolean ContainsKey (
    String keyword
)
```

JScript

```
public override function ContainsKey (
    keyword : String
) : boolean
```

## Parameters

keyword

The keyword to search on.

## Return Value

**True** if the data contains a key; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Remove Method

Indicates whether the data was removed.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Remove ( _
    keyword As String _
) As Boolean
```

C#

```
public override bool Remove (
    string keyword
)
```

C++

```
public:
virtual bool Remove (
    String^ keyword
) override
```

J#

```
public boolean Remove (
    String keyword
)
```

JScript

```
public override function Remove (
    keyword : String
) : boolean
```

## Parameters

keyword

The keyword to search on.

## Return Value

**True** if the data was removed; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














































[MsDb2ConnectionStringBuilder Class](#)










[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder Properties

## Public Properties

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the affiliate application.
 <a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
 <a href="#">AppcMode</a>	Gets or sets the APPC mode.
 <a href="#">AppcSecurityType</a>	Gets or sets the APPC security type.
 <a href="#">Authentication</a>	Gets or sets the authentication name.
 <a href="#">AutoCommit</a>	Gets or sets a value that indicates whether automatic calls are made.
 <a href="#">BinaryAsCharacter</a>	Gets or sets a value that indicates whether binary data should be interpreted as character data.
 <a href="#">BinaryCodePage</a>	Gets or sets the binary code page.
 <a href="#">BrowsableConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">CertificateCN</a>	Gets or sets the certificate common name.
 <a href="#">ClientAccounting</a>	Gets or sets the client accounting.
 <a href="#">ClientApplicationName</a>	Gets or sets the client application name.
 <a href="#">ClientUserID</a>	Gets or sets the client user ID.
 <a href="#">ClientWorkstationName</a>	Gets or sets the name of the client's workstation.
 <a href="#">ConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">ConnectTimeout</a>	Gets or sets the connection timeout.
 <a href="#">Count</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">DatabaseName</a>	Gets or sets the name of the database used.
 <a href="#">DataSource</a>	Gets or sets the connection data source.
 <a href="#">DateTimeAsChar</a>	Gets or sets a value that indicates whether the date/time value is a character value.
 <a href="#">DateTimeAsDate</a>	Gets or sets a value that indicates whether DateTime is specified as Date.
 <a href="#">DBMSPlatform</a>	Gets or sets the DBMS platform.
 <a href="#">DefaultQualifier</a>	Gets or sets the default qualifier.
 <a href="#">DefaultSchema</a>	Gets or sets the default schema of the connection.
 <a href="#">DeferPrepare</a>	Gets or sets a value that indicates whether preparation should be deferred.
 <a href="#">DeriveParameters</a>	Gets or sets a value that indicates whether derive parameters are specified.
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties.
 <a href="#">FileName</a>	Gets or sets the connection file name.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">InitialCatalog</a>	Gets or sets the initial catalog.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the data is of fixed size.
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Item</a>	Overridden. Gets or sets the connection key, based on the specified keyword.
 <a href="#">Keys</a>	Overridden. Gets the keys of the current instance.
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">MaxPoolSize</a>	Gets or sets the maximum number of connections allowed in the connection pool for this specific connection string.
 <a href="#">NetworkAddress</a>	Gets or sets the network address.
 <a href="#">NetworkPort</a>	Gets or sets the network port.
 <a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.
 <a href="#">PackageCollection</a>	Gets or sets the package collection.
 <a href="#">Password</a>	Gets or sets the password.
 <a href="#">PCCodePage</a>	Gets or sets the PC code page.
 <a href="#">PersistSecurityInfo</a>	Gets or sets a value that indicates whether the application should persist security information.
 <a href="#">Pooling</a>	Gets or sets a value that indicates whether pooling is used.

 <a href="#">PrincipleName</a>	Gets the principle name.
 <a href="#">Provider</a>	Gets or sets the provider.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU.
 <a href="#">RowsetCacheSize</a>	Gets or sets the rowset cache size.
 <a href="#">ShadowCatalog</a>	Gets or sets the shadow catalog.
 <a href="#">UnitsOfWork</a>	Gets or sets the units of work.
 <a href="#">UseEarlyMetadata</a>	Gets or sets a value that indicates whether early metadata is used.
 <a href="#">UserId</a>	Gets or sets the user ID.
 <a href="#">Values</a>	Overridden. Gets a collection of values.

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.ICollection.IsSynchronized</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.ICollection.SyncRoot</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Item</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

See Also

#### Reference

[MsDb2ConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.AffiliateApplication Property

Gets or sets the affiliate application.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Affiliate Application")> _
Public Property AffiliateApplication As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Affiliate Application")]
public string AffiliateApplication { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Affiliate Application")]
public:
property String^ AffiliateApplication {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AffiliateApplication ()

/** @property */
public void set_AffiliateApplication (String value)
```

JScript

```
public function get AffiliateApplication () : String

public function set AffiliateApplication (value : String)
```

## Property Value

The affiliate application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.AlternateTPName Property

Gets or sets the alternate TP name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Alternate TP Name")> _
Public Property AlternateTPName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Alternate TP Name")]
public string AlternateTPName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Alternate TP Name")]
public:
property String^ AlternateTPName {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_AlternateTPName ()

/** @property */
public void set_AlternateTPName (String value)
```

JScript

```
public function get AlternateTPName () : String

public function set AlternateTPName (value : String)
```

## Property Value

The alternate TP name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.AppcMode Property

Gets or sets the APPC mode.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Appc Mode Name")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property AppcMode As String
```

C#

```
[DisplayNameAttribute("Appc Mode Name")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string AppcMode { get; set; }
```

C++

```
[DisplayNameAttribute(L"Appc Mode Name")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ AppcMode {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_AppcMode ()

/** @property */
public void set_AppcMode (String value)
```

JScript

```
public function get AppcMode () : String

public function set AppcMode (value : String)
```

## Property Value

The APPC mode.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.AppcSecurityType Property

Gets or sets the APPC security type.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Appc Security Type")> _
Public Property AppcSecurityType As AppcSecurity
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Appc Security Type")]
public AppcSecurity AppcSecurityType { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Appc Security Type")]
public:
property AppcSecurity AppcSecurityType {
    AppcSecurity get ();
    void set (AppcSecurity value);
}
```

J#

```
/** @property */
public AppcSecurity get_AppcSecurityType ()

/** @property */
public void set_AppcSecurityType (AppcSecurity value)
```

JScript

```
public function get AppcSecurityType () : AppcSecurity

public function set AppcSecurityType (value : AppcSecurity)
```

## Property Value

The APPC security type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Authentication Property

Gets or sets the authentication name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Authentication")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property Authentication As String
```

C#

```
[DisplayNameAttribute("Authentication")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string Authentication { get; set; }
```

C++

```
[DisplayNameAttribute(L"Authentication")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ Authentication {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_Authentication ()

/** @property */
public void set_Authentication (String value)
```

JScript

```
public function get Authentication () : String

public function set Authentication (value : String)
```

## Property Value

The authentication name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.AutoCommit Property

Gets or sets a value that indicates whether automatic calls are made.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("AutoCommit")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property AutoCommit As Boolean
```

C#

```
[DisplayNameAttribute("AutoCommit")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public bool AutoCommit { get; set; }
```

C++

```
[DisplayNameAttribute(L"AutoCommit")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property bool AutoCommit {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_AutoCommit ()

/** @property */
public void set_AutoCommit (boolean value)
```

JScript

```
public function get AutoCommit () : boolean

public function set AutoCommit (value : boolean)
```

## Property Value

**True** if automatic calls are made; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.BinaryAsCharacter Property

Gets or sets a value that indicates whether binary data should be interpreted as character data.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Process Binary as Character")> _
Public Property BinaryAsCharacter As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Process Binary as Character")]
public bool BinaryAsCharacter { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Process Binary as Character")]
public:
property bool BinaryAsCharacter {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_BinaryAsCharacter ()

/** @property */
public void set_BinaryAsCharacter (boolean value)
```

JScript

```
public function get BinaryAsCharacter () : boolean

public function set BinaryAsCharacter (value : boolean)
```

## Property Value

**True** if binary data should be interpreted as character data; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.BinaryCodePage Property

Gets or sets the binary code page.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("BinaryCodePage")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property BinaryCodePage As Integer
```

C#

```
[DisplayNameAttribute("BinaryCodePage")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int BinaryCodePage { get; set; }
```

C++

```
[DisplayNameAttribute(L"BinaryCodePage")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int BinaryCodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_BinaryCodePage ()

/** @property */
public void set_BinaryCodePage (int value)
```

JScript

```
public function get BinaryCodePage () : int

public function set BinaryCodePage (value : int)
```

## Property Value

The binary code page.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.CertificateCN Property

Gets or sets the certificate common name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("CertificateCN")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property CertificateCN As String
```

C#

```
[DisplayNameAttribute("CertificateCN")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string CertificateCN { get; set; }
```

C++

```
[DisplayNameAttribute(L"CertificateCN")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ CertificateCN {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_CertificateCN ()

/** @property */
public void set_CertificateCN (String value)
```

JScript

```
public function get CertificateCN () : String

public function set CertificateCN (value : String)
```

## Property Value

The certificate common name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ClientAccounting Property

Gets or sets the client accounting.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Client Accounting")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property ClientAccounting As String
```

C#

```
[DisplayNameAttribute("Client Accounting")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string ClientAccounting { get; set; }
```

C++

```
[DisplayNameAttribute(L"Client Accounting")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ ClientAccounting {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientAccounting ()

/** @property */
public void set_ClientAccounting (String value)
```

JScript

```
public function get ClientAccounting () : String

public function set ClientAccounting (value : String)
```

## Property Value

The client accounting.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ClientApplicationName Property

Gets or sets the client application name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Client Application Name")> _
Public Property ClientApplicationName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Client Application Name")]
public string ClientApplicationName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Client Application Name")]
public:
property String^ ClientApplicationName {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientApplicationName ()

/** @property */
public void set_ClientApplicationName (String value)
```

JScript

```
public function get ClientApplicationName () : String

public function set ClientApplicationName (value : String)
```

## Property Value

The client application name.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2ConnectionStringBuilder.ClientUserID Property

Gets or sets the client user ID.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Client User ID")> _
Public Property ClientUserID As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Client User ID")]
public string ClientUserID { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Client User ID")]
public:
property String^ ClientUserID {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientUserID ()

/** @property */
public void set_ClientUserID (String value)
```

JScript

```
public function get ClientUserID () : String

public function set ClientUserID (value : String)
```

## Property Value

The client user ID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ClientWorkstationName Property

Gets or sets the name of the client's workstation.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Client Workstation Name")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property ClientWorkstationName As String
```

C#

```
[DisplayNameAttribute("Client Workstation Name")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string ClientWorkstationName { get; set; }
```

C++

```
[DisplayNameAttribute(L"Client Workstation Name")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ ClientWorkstationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClientWorkstationName ()

/** @property */
public void set_ClientWorkstationName (String value)
```

JScript

```
public function get ClientWorkstationName () : String

public function set ClientWorkstationName (value : String)
```

## Property Value

The client workstation name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.ConnectTimeout Property

Gets or sets the connection timeout.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Connect Timeout")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property ConnectTimeout As Integer
```

C#

```
[DisplayNameAttribute("Connect Timeout")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int ConnectTimeout { get; set; }
```

C++

```
[DisplayNameAttribute(L"Connect Timeout")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int ConnectTimeout {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_ConnectTimeout ()

/** @property */
public void set_ConnectTimeout (int value)
```

JScript

```
public function get ConnectTimeout () : int

public function set ConnectTimeout (value : int)
```

## Property Value

The connection timeout.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DatabaseName Property

Gets or sets the name of the database used.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Database Name")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property DatabaseName As String
```

C#

```
[DisplayNameAttribute("Database Name")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string DatabaseName { get; set; }
```

C++

```
[DisplayNameAttribute(L"Database Name")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ DatabaseName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DatabaseName ()

/** @property */
public void set_DatabaseName (String value)
```

JScript

```
public function get DatabaseName () : String

public function set DatabaseName (value : String)
```

## Property Value

The name of the database.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DataSource Property

Gets or sets the connection data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Data Source")> _
Public Property DataSource As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Data Source")]
public string DataSource { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Data Source")]
public:
property String^ DataSource {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_DataSource ()

/** @property */
public void set_DataSource (String value)
```

JScript

```
public function get DataSource () : String

public function set DataSource (value : String)
```

## Property Value

The connection data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DateTimeAsChar Property

Gets or sets a value that indicates whether the date/time value is a character value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("DateTime as Char")> _
Public Property DateTimeAsChar As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("DateTime as Char")]
public bool DateTimeAsChar { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"DateTime as Char")]
public:
property bool DateTimeAsChar {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DateTimeAsChar ()

/** @property */
public void set_DateTimeAsChar (boolean value)
```

JScript

```
public function get DateTimeAsChar () : boolean

public function set DateTimeAsChar (value : boolean)
```

## Property Value

**True** if the date/time value is a character value; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.DateTimeAsDate Property

Gets or sets a value that indicates whether DateTime is specified as Date.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Datetime As Date")> _
Public Property DateTimeAsDate As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Datetime As Date")]
public bool DateTimeAsDate { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Datetime As Date")]
public:
property bool DateTimeAsDate {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DateTimeAsDate ()

/** @property */
public void set_DateTimeAsDate (boolean value)
```

JScript

```
public function get DateTimeAsDate () : boolean

public function set DateTimeAsDate (value : boolean)
```

## Property Value

**True** if DateTime is specified as Date; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DBMSPlatform Property

Gets or sets the DBMS platform.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("DBMS Platform")> _
Public Property DBMSPlatform As DBMSPlatform
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("DBMS Platform")]
public DBMSPlatform DBMSPlatform { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"DBMS Platform")]
public:
property DBMSPlatform DBMSPlatform {
    DBMSPlatform get ();
    void set (DBMSPlatform value);
}
```

J#

```
/** @property */
public DBMSPlatform get_DBMSPlatform ()

/** @property */
public void set_DBMSPlatform (DBMSPlatform value)
```

JScript

```
public function get DBMSPlatform () : DBMSPlatform

public function set DBMSPlatform (value : DBMSPlatform)
```

## Property Value

The DBMS platform.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DefaultQualifier Property

Gets or sets the default qualifier.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Default Qualifier")> _
Public Property DefaultQualifier As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Default Qualifier")]
public string DefaultQualifier { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Default Qualifier")]
public:
property String^ DefaultQualifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultQualifier ()

/** @property */
public void set_DefaultQualifier (String value)
```

JScript

```
public function get DefaultQualifier () : String

public function set DefaultQualifier (value : String)
```

## Property Value

The default qualifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DefaultSchema Property

Gets or sets the default schema of the connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Default Schema")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property DefaultSchema As String
```

C#

```
[DisplayNameAttribute("Default Schema")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string DefaultSchema { get; set; }
```

C++

```
[DisplayNameAttribute(L"Default Schema")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ DefaultSchema {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultSchema ()

/** @property */
public void set_DefaultSchema (String value)
```

JScript

```
public function get DefaultSchema () : String

public function set DefaultSchema (value : String)
```

## Property Value

The default schema of the connection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DeferPrepare Property

Gets or sets a value that indicates whether preparation should be deferred.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Defer Prepare")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property DeferPrepare As Boolean
```

C#

```
[DisplayNameAttribute("Defer Prepare")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public bool DeferPrepare { get; set; }
```

C++

```
[DisplayNameAttribute(L"Defer Prepare")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property bool DeferPrepare {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DeferPrepare ()

/** @property */
public void set_DeferPrepare (boolean value)
```

JScript

```
public function get DeferPrepare () : boolean

public function set DeferPrepare (value : boolean)
```

## Property Value

**True** if preparation should be deferred; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.DeriveParameters Property

Gets or sets a value that indicates whether derive parameters are specified.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Derive Parameters")> _
Public Property DeriveParameters As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Derive Parameters")]
public bool DeriveParameters { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Derive Parameters")]
public:
property bool DeriveParameters {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_DeriveParameters ()

/** @property */
public void set_DeriveParameters (boolean value)
```

JScript

```
public function get DeriveParameters () : boolean

public function set DeriveParameters (value : boolean)
```

## Property Value

**True** if derive parameters are used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ExtendedProperties Property

Gets or sets the extended properties.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Extended Properties")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property ExtendedProperties As String
```

C#

```
[DisplayNameAttribute("Extended Properties")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string ExtendedProperties { get; set; }
```

C++

```
[DisplayNameAttribute(L"Extended Properties")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ ExtendedProperties {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ExtendedProperties ()

/** @property */
public void set_ExtendedProperties (String value)
```

JScript

```
public function get ExtendedProperties () : String

public function set ExtendedProperties (value : String)
```

## Property Value

The extended properties.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.FileName Property

Gets or sets the connection file name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("File Name")> _
Public Property FileName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("File Name")]
public string FileName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"File Name")]
public:
property String^ FileName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_FileName ()

/** @property */
public void set_FileName (String value)
```

JScript

```
public function get FileName () : String

public function set FileName (value : String)
```

## Property Value

The connection file name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.HostCCSID Property

Gets or sets the host CCSID.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Host CCSID")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property HostCCSID As Integer
```

C#

```
[DisplayNameAttribute("Host CCSID")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int HostCCSID { get; set; }
```

C++

```
[DisplayNameAttribute(L"Host CCSID")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int HostCCSID {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCCSID ()

/** @property */
public void set_HostCCSID (int value)
```

JScript

```
public function get HostCCSID () : int

public function set HostCCSID (value : int)
```

## Property Value

The host CCSID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.InitialCatalog Property

Gets or sets the initial catalog.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Initial Catalog")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property InitialCatalog As String
```

C#

```
[DisplayNameAttribute("Initial Catalog")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string InitialCatalog { get; set; }
```

C++

```
[DisplayNameAttribute(L"Initial Catalog")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ InitialCatalog {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_InitialCatalog ()

/** @property */
public void set_InitialCatalog (String value)
```

JScript

```
public function get InitialCatalog () : String

public function set InitialCatalog (value : String)
```

## Property Value

The initial catalog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.IntegratedSecurity Property

Gets or sets the integrated security.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Integrated Security")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property IntegratedSecurity As String
```

C#

```
[DisplayNameAttribute("Integrated Security")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string IntegratedSecurity { get; set; }
```

C++

```
[DisplayNameAttribute(L"Integrated Security")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ IntegratedSecurity {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_IntegratedSecurity ()

/** @property */
public void set_IntegratedSecurity (String value)
```

JScript

```
public function get IntegratedSecurity () : String

public function set IntegratedSecurity (value : String)
```

## Property Value

The integrated security.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.IsFixedSize Property

Gets a value that indicates whether the data is of fixed size.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsFixedSize As Boolean
```

C#

```
public override bool IsFixedSize { get; }
```

C++

```
public:
virtual property bool IsFixedSize {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsFixedSize ()
```

JScript

```
public override function get IsFixedSize () : boolean
```

## Property Value

**True** if the data is of fixed size; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Item Property

Gets or sets the connection key, based on the specified keyword.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Default Property Item ( _
    keyword As String _
) As Object
```

C#

```
public override Object this [
    string keyword
] { get; set; }
```

C++

```
public:
virtual property Object^ default [String^] {
    Object^ get (String^ keyword) override;
    void set (String^ keyword, Object^ value) override;
}
```

J#

```
/** @property */
public Object get_Item (String keyword)

/** @property */
public void set_Item (String keyword, Object value)
```

JScript

## Parameters

keyword

The keyword on which to update the connection.

## Property Value

The connection key.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Keys Property

Gets the keys of the current instance.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Keys As ICollection
```

C#

```
public override ICollection Keys { get; }
```

C++

```
public:
virtual property ICollection^ Keys {
    ICollection^ get () override;
}
```

J#

```
/** @property */
public ICollection get_Keys ()
```

JScript

```
public override function get Keys () : ICollection
```

## Property Value

The keys of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.LocalLU Property

Gets or sets the local LU.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Appc Local LU Alias")> _
Public Property LocalLU As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Appc Local LU Alias")]
public string LocalLU { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Appc Local LU Alias")]
public:
property String^ LocalLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalLU ()

/** @property */
public void set_LocalLU (String value)
```

JScript

```
public function get LocalLU () : String

public function set LocalLU (value : String)
```

## Property Value

The local LU.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.MaxPoolSize Property

Gets or sets the maximum number of connections allowed in the connection pool for this specific connection string.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Max Pool Size")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property MaxPoolSize As Integer
```

C#

```
[DisplayNameAttribute("Max Pool Size")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int MaxPoolSize { get; set; }
```

C++

```
[DisplayNameAttribute(L"Max Pool Size")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int MaxPoolSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_MaxPoolSize ()

/** @property */
public void set_MaxPoolSize (int value)
```

JScript

```
public function get MaxPoolSize () : int

public function set MaxPoolSize (value : int)
```

## Property Value

The value of the MaxPoolSize property, or 100 if none has been supplied.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.NetworkAddress Property

Gets or sets the network address.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Network Address")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property NetworkAddress As String
```

C#

```
[DisplayNameAttribute("Network Address")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string NetworkAddress { get; set; }
```

C++

```
[DisplayNameAttribute(L"Network Address")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ NetworkAddress {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkAddress ()

/** @property */
public void set_NetworkAddress (String value)
```

JScript

```
public function get NetworkAddress () : String

public function set NetworkAddress (value : String)
```

## Property Value

The network address.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.NetworkPort Property

Gets or sets the network port.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Network Port")> _
Public Property NetworkPort As Integer
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Network Port")]
public int NetworkPort { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Network Port")]
public:
property int NetworkPort {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_NetworkPort ()

/** @property */
public void set_NetworkPort (int value)
```

JScript

```
public function get NetworkPort () : int

public function set NetworkPort (value : int)
```

## Property Value

The network port.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.NetworkTransportLibrary Property

Gets or sets the network transport library.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Network Transport Library")> _
Public Property NetworkTransportLibrary As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Network Transport Library")]
public string NetworkTransportLibrary { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Network Transport Library")]
public:
property String^ NetworkTransportLibrary {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkTransportLibrary ()

/** @property */
public void set_NetworkTransportLibrary (String value)
```

JScript

```
public function get NetworkTransportLibrary () : String

public function set NetworkTransportLibrary (value : String)
```

## Property Value

The network transport library.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.PackageCollection Property

Gets or sets the package collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Package Collection")> _
Public Property PackageCollection As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Package Collection")]
public string PackageCollection { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Package Collection")]
public:
property String^ PackageCollection {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PackageCollection ()

/** @property */
public void set_PackageCollection (String value)
```

JScript

```
public function get PackageCollection () : String

public function set PackageCollection (value : String)
```

## Property Value

The package collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Password Property

Gets or sets the password.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<PasswordPropertyTextAttribute(True)> _
<DisplayNameAttribute("Password")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property Password As String
```

C#

```
[PasswordPropertyTextAttribute(true)]
[DisplayNameAttribute("Password")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string Password { get; set; }
```

C++

```
[PasswordPropertyTextAttribute(true)]
[DisplayNameAttribute(L"Password")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ Password {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Password ()

/** @property */
public void set_Password (String value)
```

JScript

```
public function get Password () : String

public function set Password (value : String)
```

## Property Value

The password.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)



# MsDb2ConnectionStringBuilder.PCCodePage Property

Gets or sets the PC code page.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("PC Code Page")> _
Public Property PCCodePage As Integer
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("PC Code Page")]
public int PCCodePage { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"PC Code Page")]
public:
property int PCCodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_PCCodePage ()

/** @property */
public void set_PCCodePage (int value)
```

JScript

```
public function get PCCodePage () : int

public function set PCCodePage (value : int)
```

## Property Value

The PC code page.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.PersistSecurityInfo Property

Gets or sets a value that indicates whether the application should persist security information.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Persist Security Info")> _
Public Property PersistSecurityInfo As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Persist Security Info")]
public bool PersistSecurityInfo { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Persist Security Info")]
public:
property bool PersistSecurityInfo {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_PersistSecurityInfo ()

/** @property */
public void set_PersistSecurityInfo (boolean value)
```

JScript

```
public function get PersistSecurityInfo () : boolean

public function set PersistSecurityInfo (value : boolean)
```

## Property Value

**True** if the application should persist security information; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Pooling Property

Gets or sets a value that indicates whether pooling is used.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Pooling")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property Pooling As Boolean
```

C#

```
[DisplayNameAttribute("Pooling")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public bool Pooling { get; set; }
```

C++

```
[DisplayNameAttribute(L"Pooling")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property bool Pooling {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_Pooling ()

/** @property */
public void set_Pooling (boolean value)
```

JScript

```
public function get Pooling () : boolean

public function set Pooling (value : boolean)
```

## Property Value

**True** if pooling is used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.PrincipleName Property

Gets the principle name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Principle Name")> _
Public Property PrincipleName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Principle Name")]
public string PrincipleName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Principle Name")]
public:
property String^ PrincipleName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PrincipleName ()

/** @property */
public void set_PrincipleName (String value)
```

JScript

```
public function get PrincipleName () : String

public function set PrincipleName (value : String)
```

## Property Value

The principle name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Provider Property

Gets or sets the provider.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Provider")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property Provider As String
```

C#

```
[DisplayNameAttribute("Provider")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string Provider { get; set; }
```

C++

```
[DisplayNameAttribute(L"Provider")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ Provider {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_Provider ()

/** @property */
public void set_Provider (String value)
```

JScript

```
public function get Provider () : String

public function set Provider (value : String)
```

## Property Value

The provider.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.RemoteLU Property

Gets or sets the remote LU.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Appc Remote LU Alias")> _
Public Property RemoteLU As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Appc Remote LU Alias")]
public string RemoteLU { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Appc Remote LU Alias")]
public:
property String^ RemoteLU {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteLU ()

/** @property */
public void set_RemoteLU (String value)
```

JScript

```
public function get RemoteLU () : String

public function set RemoteLU (value : String)
```

## Property Value

The remote LU.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.RowsetCacheSize Property

Gets or sets the rowset cache size.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Rowset Cache Size")> _
Public Property RowsetCacheSize As Integer
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Rowset Cache Size")]
public int RowsetCacheSize { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Rowset Cache Size")]
public:
property int RowsetCacheSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_RowsetCacheSize ()

/** @property */
public void set_RowsetCacheSize (int value)
```

JScript

```
public function get RowsetCacheSize () : int

public function set RowsetCacheSize (value : int)
```

## Property Value

The rowset cache size.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.ShadowCatalog Property

Gets or sets the shadow catalog.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Shadow Catalog")> _
Public Property ShadowCatalog As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Shadow Catalog")]
public string ShadowCatalog { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Shadow Catalog")]
public:
property String^ ShadowCatalog {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_ShadowCatalog ()

/** @property */
public void set_ShadowCatalog (String value)
```

JScript

```
public function get ShadowCatalog () : String

public function set ShadowCatalog (value : String)
```

## Property Value

The shadow catalog.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.UnitsOfWork Property

Gets or sets the units of work.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Units of Work")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property UnitsOfWork As UnitsOfWorkType
```

C#

```
[DisplayNameAttribute("Units of Work")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public UnitsOfWorkType UnitsOfWork { get; set; }
```

C++

```
[DisplayNameAttribute(L"Units of Work")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property UnitsOfWorkType UnitsOfWork {
    UnitsOfWorkType get ();
    void set (UnitsOfWorkType value);
}
```

J#

```
/** @property */
public UnitsOfWorkType get_UnitsOfWork ()

/** @property */
public void set_UnitsOfWork (UnitsOfWorkType value)
```

JScript

```
public function get UnitsOfWork () : UnitsOfWorkType

public function set UnitsOfWork (value : UnitsOfWorkType)
```

## Property Value

The units of work.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ConnectionStringBuilder.UseEarlyMetadata Property

Gets or sets a value that indicates whether early metadata is used.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Use Early Metadata")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property UseEarlyMetadata As Boolean
```

C#

```
[DisplayNameAttribute("Use Early Metadata")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public bool UseEarlyMetadata { get; set; }
```

C++

```
[DisplayNameAttribute(L"Use Early Metadata")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property bool UseEarlyMetadata {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_UseEarlyMetadata ()

/** @property */
public void set_UseEarlyMetadata (boolean value)
```

JScript

```
public function get UseEarlyMetadata () : boolean

public function set UseEarlyMetadata (value : boolean)
```

## Property Value

**True** if early metadata is used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.UserId Property

Gets or sets the user ID.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("User Id")> _
Public Property UserId As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("User Id")]
public string UserId { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"User Id")]
public:
property String^ UserId {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserId ()

/** @property */
public void set_UserId (String value)
```

JScript

```
public function get UserId () : String

public function set UserId (value : String)
```

## Property Value

The user ID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ConnectionStringBuilder.Values Property

Gets a collection of values.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Values As ICollection
```

C#

```
public override ICollection Values { get; }
```

C++

```
public:
virtual property ICollection^ Values {
    ICollection^ get () override;
}
```

J#

```
/** @property */
public ICollection get_Values ()
```

JScript

```
public override function get Values () : ICollection
```

## Property Value

A collection of values.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ConnectionStringBuilder Class](#)

[MsDb2ConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter Class

Represents a set of data commands and a database connection used to fill the DataSet and update a DB2 database

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy

- [System.Object](#)
- [System.MarshalByRefObject](#)
- [System.ComponentModel.Component](#)
- [System.Data.Common.DataAdapter](#)
- [System.Data.Common.DbDataAdapter](#)
- Microsoft.HostIntegration.MsDb2Client.MsDb2DataAdapter**

Syntax





```
C#  
  
public sealed class MsDb2DataAdapter : DbDataAdapter, ICloneable
```

```
C++  
  
public ref class MsDb2DataAdapter sealed : DbDataAdapter, ICloneable
```







```
F#  
  
[<Sealed>]  
type MsDb2DataAdapter =  
    class  
        inherit DbDataAdapter  
        interface ICloneable  
    end
```











```
VB  
  
Public NotInheritable Class MsDb2DataAdapter  
    Inherits DbDataAdapter  
    Implements ICloneable
```

Constructors





















	Name	Description
	<a href="#">MsDb2DataAdapter()</a>	Initializes a new instance of the <b>MsDb2DataAdapter</b> class.
	<a href="#">MsDb2DataAdapter(MsDb2Command)</a>	Initializes a new instance of the <b>MsDb2DataAdapter</b> class.
	<a href="#">MsDb2DataAdapter(String, MsDb2Connection)</a>	Initializes a new instance of the <b>MsDb2DataAdapter</b> class.
	<a href="#">MsDb2DataAdapter(String, String)</a>	Initializes a new instance of the <b>MsDb2DataAdapter</b> class.


Properties

	Name	Description
	<a href="#">AcceptChangesDuringFill</a>	(Inherited from <a href="#">DataAdapter</a> .)
	<a href="#">AcceptChangesDuringUpdate</a>	(Inherited from <a href="#">DataAdapter</a> .)
	<a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">ContinueUpdateOnError</a>	(Inherited from <a href="#">DataAdapter</a> .)
	<a href="#">DeleteCommand</a>	Gets or sets an SQL statement or stored procedure for deleting records from the data set.
	<a href="#">FillCommandBehavior</a>	(Inherited from <a href="#">DbDataAdapter</a> .)





 FillLoadOption	(Inherited from <a href="#">DataAdapter</a> .)
 InsertCommand	Gets or sets an SQL statement or stored procedure used to insert new records into the data source.
 MissingMappingAction	(Inherited from <a href="#">DataAdapter</a> .)
 MissingSchemaAction	(Inherited from <a href="#">DataAdapter</a> .)
 ReturnProviderSpecificTypes	(Inherited from <a href="#">DataAdapter</a> .)
 SelectCommand	Gets or sets an SQL statement or stored procedure used to select records in the data source.
 Site	(Inherited from <a href="#">Component</a> .)
 TableMappings	(Inherited from <a href="#">DataAdapter</a> .)
 UpdateBatchSize	Gets or sets a value that enables or disables batch processing support, and specifies the number of commands that can be executed in a batch.(Overrides <a href="#">DbDataAdapter.UpdateBatchSize</a> .)
 UpdateCommand	Gets or sets an SQL statement or stored procedure used to update records in the data source.

#### Methods


Name	Description
 CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject</a> .)
 Dispose()	(Inherited from <a href="#">Component</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 Fill(DataSet)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(DataSet, Int32, Int32, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(DataSet, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(DataTable)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(Int32, Int32, DataTable[])	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillSchema(DataSet, SchemaType)	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillSchema(DataSet, SchemaType, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillSchema(DataTable, SchemaType)	(Inherited from <a href="#">DbDataAdapter</a> .)
 GetFillParameters()	(Inherited from <a href="#">DbDataAdapter</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 ToString()	(Inherited from <a href="#">Component</a> .)
 Update(DataRow[])	(Inherited from <a href="#">DbDataAdapter</a> .)
 Update(DataSet)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Update(DataSet, String)	(Inherited from <a href="#">DbDataAdapter</a> .)

 <a href="#">Update(DataTable)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
---	--

#### Events

Name	Description
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">FillError</a>	(Inherited from <a href="#">DataAdapter</a> .)
 <a href="#">RowUpdated</a>	Occurs during Update after a command is executed against the data source. The attempt to update is made, so the event fires.
 <a href="#">RowUpdating</a>	Occurs during Update before a command is executed against the data source. The attempt to update is made, so the event fires.

#### Explicit Interface Implementations

Name	Description
 <a href="#">ICloneable.Clone()</a>	

#### Remarks

The `MsDb2DataAdapter` serves as a bridge between a `DataSet` and data source for retrieving and saving data. The `MsDb2DataAdapter` provides this bridge by using `Fill` to load data from the data source into the `DataSet`, and using `Update` to send changes made in the `DataSet` back to the data source.

When the `MsDb2DataAdapter` fills a `DataSet`, it creates the necessary tables and columns for the returned data if they do not already exist. However, primary key information is not included in the implicitly created schema unless the `MissingSchemaAction` property is set to `AddWithKey`. You may also have the `MsDb2DataAdapter` create the schema of the `DataSet`, including primary key information, before filling it with data using `FillSchema`. Note that some OLE DB providers, including the `MSDataShape` provider, do not return base table or primary key information. As a result, the `MsDb2DataAdapter` cannot properly set the `PrimaryKey` property on any created `DataTable`. In such cases you should explicitly specify primary keys for tables in the `DataSet`.

The `MsDb2DataAdapter` also includes the `SelectCommand`, `InsertCommand`, `DeleteCommand`, `UpdateCommand`, and `TableMappings` properties to facilitate the loading and updating of data.

When you create an instance of `MsDb2DataAdapter`, properties are set to their initial values. For a list of these values, see the `MsDb2DataAdapter` constructor.

#### Note

Do not use double or real columns when specifying UPDATE or DELETE statements on the `MsDb2DataAdapter`: These rows will not be found and will throw the concurrency violation exception.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2DataAdapter Members

Represents a set of data commands and a database connection used to fill the DataSet and update a DB2 database


The following tables list the members exposed by the [MsDb2DataAdapter](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2DataAdapter</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2DataAdapter</a> class.
















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## Public Fields

Name	Description
 <a href="#">DefaultSourceTableName</a>	(inherited from <a href="#">DbDataAdapter</a> )





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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">AcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">AcceptChangesDuringUpdate</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">ContinueUpdateOnError</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">DeleteCommand</a>	Gets or sets an SQL statement or stored procedure for deleting records from the data set.
 <a href="#">FillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">InsertCommand</a>	Gets or sets an SQL statement or stored procedure used to insert new records into the data source.
 <a href="#">MissingMappingAction</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">MissingSchemaAction</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">ReturnProviderSpecificTypes</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">SelectCommand</a>	Gets or sets an SQL statement or stored procedure used to select records in the data source.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">UpdateBatchSize</a>	Overridden. Gets or sets a value that enables or disables batch processing support, and specifies the number of commands that can be executed in a batch.
 <a href="#">UpdateCommand</a>	Gets or sets an SQL statement or stored procedure used to update records in the data source.












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## Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )
 <a href="#">FillCommandBehavior</a>	(inherited from <a href="#">DbDataAdapter</a> )

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">GetFillParameters</a>	(inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )

	<a href="#">ResetFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeAcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )





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#### Protected Methods

	Name	Description
	<a href="#">AddToBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ClearBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CloneInternals</a>	<b>Obsolete.</b> (inherited from <a href="#">DataAdapter</a> )
	<a href="#">CreateRowUpdatedEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateRowUpdatingEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ExecuteBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetBatchedParameter</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetBatchedRecordsAffected</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">HasTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InitializeBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnFillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">OnRowUpdated</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">OnRowUpdating</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ShouldSerializeTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">TerminateBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )

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#### Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">RowUpdated</a>	Occurs during Update after a command is executed against the data source. The attempt to update is made, so the event fires.
	<a href="#">RowUpdating</a>	Occurs during Update before a command is executed against the data source. The attempt to update is made, so the event fires.

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#### Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	
<a href="#">System.Data.IDataAdapter.TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.SelectCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )

[Top](#)

See Also

#### Reference



[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataAdapter Fields

Public Fields

	Name	Description
 	<a href="#">DefaultSourceTableName</a>	(inherited from <a href="#">DbDataAdapter</a> )

See Also

Reference

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2DataAdapter Constructor

Initializes a new instance of the [MsDb2DataAdapter](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2DataAdapter()</a>	Initializes a new instance of the <a href="#">MsDb2DataAdapter</a> class.
 <a href="#">MsDb2DataAdapter(MsDb2Command)</a>	Initializes a new instance of the <a href="#">MsDb2DataAdapter</a> class.
 <a href="#">MsDb2DataAdapter(String, MsDb2Connection)</a>	Initializes a new instance of the <a href="#">MsDb2DataAdapter</a> class.
 <a href="#">MsDb2DataAdapter(String, String)</a>	Initializes a new instance of the <a href="#">MsDb2DataAdapter</a> class.

See Also

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

### MsDb2DataAdapter Constructor ()

Initializes a new instance of the [MsDb2DataAdapter](#) class.

Syntax

C#

```
public MsDb2DataAdapter()
```

C++

```
public:  
MsDb2DataAdapter()
```

F#

```
new : unit -> MsDb2DataAdapter
```

VB

```
Public Sub New
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

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### MsDb2DataAdapter Constructor (MsDb2Command)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

Syntax

C#

```
public MsDb2DataAdapter(  

```

```
MsDb2Command selectCommand
)
```

C++

```
public:
MsDb2DataAdapter(
    MsDb2Command^ selectCommand
)
```

F#

```
new :
    selectCommand:MsDb2Command -> MsDb2DataAdapter
```

VB

```
Public Sub New (
    selectCommand As MsDb2Command
)
```

### Parameters

*selectCommand*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Command](#)

An MsDb2Command that is a SELECT statement or stored procedure. This MsDb2Command is set as the SelectCommand property of the MsDb2DataAdapter.

### Remarks

This version of the constructor sets the SelectCommand property to the value specified in the selectCommand parameter.

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

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### MsDb2DataAdapter Constructor (String, MsDb2Connection)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

### Syntax

C#

```
public MsDb2DataAdapter(
    string selectCommandText,
    MsDb2Connection selectConnection
)
```

C++

```
public:
MsDb2DataAdapter(
    String^ selectCommandText,
    MsDb2Connection^ selectConnection
)
```

F#

```
new :
    selectCommandText:string *
    selectConnection:MsDb2Connection -> MsDb2DataAdapter
```

VB

```
Public Sub New (  
    selectCommandText As String,  
    selectConnection As MsDb2Connection  
)
```

#### Parameters

*selectCommandText*

Type: [System.String](#)

A String that is an SQL SELECT statement or stored procedure to be used as the CommandText of the SelectCommand property of the MsDb2DataAdapter.

*selectConnection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

An MsDb2Connection that represents the connection.

#### Remarks

This implementation of the **MsDb2DataAdapter** opens and closes an MsDb2Connection if it is not already open. This can be useful in an application that must call the Fill method for two or more MsDb2DataAdapter objects. If the MsDb2Connection is already open, you must explicitly call Close or Dispose to close it.

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

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#### MsDb2DataAdapter Constructor (String, String)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

#### Syntax

C#

```
public MsDb2DataAdapter(  
    string selectCommandText,  
    string selectConnectionString  
)
```

C++

```
public:  
MsDb2DataAdapter(  
    String^ selectCommandText,  
    String^ selectConnectionString  
)
```

F#

```
new :  
    selectCommandText:string *  
    selectConnectionString:string -> MsDb2DataAdapter
```

VB

```
Public Sub New (  
    selectCommandText As String,  
    selectConnectionString As String  
)
```

#### Parameters

*selectCommandText*

Type: [System.String](#)

A String that is a SQL SELECT statement or stored procedure to be used as the CommandText of the SelectCommand property of the MsDb2DataAdapter.

*selectConnectionString*

Type: [System.String](#)

The connection string.

Remarks

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

[Return to top](#)

# MsDb2DataAdapter Constructor ()

Initializes a new instance of the [MsDb2DataAdapter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2DataAdapter ()
```

C++

```
public:  
MsDb2DataAdapter ()
```

J#

```
public MsDb2DataAdapter ()
```

JScript

```
public function MsDb2DataAdapter ()
```

Remarks

The default constructor initializes any fields to their default values. The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter Constructor (MsDb2Command)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage  
Syntax  
VB

```
'Declaration
Public Sub New ( _
    selectCommand As MsDb2Command _
)
```

C#

```
public MsDb2DataAdapter (
    MsDb2Command selectCommand
)
```

C++

```
public:
MsDb2DataAdapter (
    MsDb2Command^ selectCommand
)
```

J#

```
public MsDb2DataAdapter (
    MsDb2Command selectCommand
)
```

JScript

```
public function MsDb2DataAdapter (
    selectCommand : MsDb2Command
)
```

**Parameters**

selectCommand

An MsDb2Command that is a SELECT statement or stored procedure. This MsDb2Command is set as the SelectCommand property of the MsDb2DataAdapter.

Remarks

This version of the constructor sets the SelectCommand property to the value specified in the selectCommand parameter.

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataAdapter Constructor (String, MsDb2Connection)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage  
Syntax  
VB

```
'Declaration
Public Sub New ( _
    selectCommandText As String, _
    selectConnection As MsDb2Connection _
)
```

C#

```
public MsDb2DataAdapter (
    string selectCommandText,
    MsDb2Connection selectConnection
)
```

C++

```
public:
MsDb2DataAdapter (
    String^ selectCommandText,
    MsDb2Connection^ selectConnection
)
```

J#

```
public MsDb2DataAdapter (
    String selectCommandText,
    MsDb2Connection selectConnection
)
```

JScript

```
public function MsDb2DataAdapter (
    selectCommandText : String,
    selectConnection : MsDb2Connection
)
```

**Parameters**

selectCommandText

A String that is an SQL SELECT statement or stored procedure to be used as the CommandText of the SelectCommand property of the MsDb2DataAdapter.

selectConnection

An MsDb2Connection that represents the connection.

**Remarks**

This implementation of the **MsDb2DataAdapter** opens and closes an MsDb2Connection if it is not already open. This can be useful in an application that must call the Fill method for two or more MsDb2DataAdapter objects. If the MsDb2Connection is already open, you must explicitly call Close or Dispose to close it.

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
------------	---------------

MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter Constructor (String, String)

Initializes a new instance of the [MsDb2DataAdapter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    selectCommandText As String, _
    selectConnectionString As String _
)
```

C#

```
public MsDb2DataAdapter (
    string selectCommandText,
    string selectConnectionString
)
```

C++

```
public:
MsDb2DataAdapter (
    String^ selectCommandText,
    String^ selectConnectionString
)
```

J#

```
public MsDb2DataAdapter (
    String selectCommandText,
    String selectConnectionString
)
```

JScript

```
public function MsDb2DataAdapter (
    selectCommandText : String,
    selectConnectionString : String
)
```

**Parameters**

selectCommandText

A String that is a SQL SELECT statement or stored procedure to be used as the CommandText of the SelectCommand property of the MsDb2DataAdapter.

selectConnectionString

The connection string.

**Remarks**

The following table describes the default values of MsDb2DataAdapter.

Properties	Initial Value
MissingMappingAction	MissingMappingAction.Passthrough
MissingSchemaAction	MissingSchemaAction.Add

You can change the value of any of these properties through a separate call to the relevant property.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


















[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)
























[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetFillParameters</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ResetFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeAcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )

Protected Methods

	Name	Description
	<a href="#">AddToBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ClearBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CloneInternals</a>	<b>Obsolete.</b> (inherited from <a href="#">DataAdapter</a> )
	<a href="#">CreateRowUpdatedEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateRowUpdatingEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ExecuteBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetBatchedParameter</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetBatchedRecordsAffected</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">HasTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InitializeBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnFillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">OnRowUpdated</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">OnRowUpdating</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ShouldSerializeTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">TerminateBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	

See Also

## Reference

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.System.ICloneable.Clone Method

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
```

C#

C++

J#

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**
















[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">AcceptChangesDuringUpdate</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContinueUpdateOnError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">DeleteCommand</a>	Gets or sets an SQL statement or stored procedure for deleting records from the data set.
	<a href="#">FillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InsertCommand</a>	Gets or sets an SQL statement or stored procedure used to insert new records into the data source.
	<a href="#">MissingMappingAction</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">MissingSchemaAction</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ReturnProviderSpecificTypes</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">SelectCommand</a>	Gets or sets an SQL statement or stored procedure used to select records in the data source.
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">UpdateBatchSize</a>	Overridden. Gets or sets a value that enables or disables batch processing support, and specifies the number of commands that can be executed in a batch.
	<a href="#">UpdateCommand</a>	Gets or sets an SQL statement or stored procedure used to update records in the data source.

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillCommandBehavior</a>	(inherited from <a href="#">DbDataAdapter</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDataAdapter.TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.SelectCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )

See Also

## Reference

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.DeleteCommand Property

Gets or sets an SQL statement or stored procedure for deleting records from the data set.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DefaultValueAttribute(Nothing)> _
Public Property DeleteCommand As MsDb2Command
```

C#

```
[DefaultValueAttribute(null)]
public MsDb2Command DeleteCommand { get; set; }
```

C++

```
[DefaultValueAttribute(nullptr)]
public:
property MsDb2Command^ DeleteCommand {
    MsDb2Command^ get ();
    void set (MsDb2Command^ value);
}
```

J#

```
/** @property */
public MsDb2Command get_DeleteCommand ()

/** @property */
public void set_DeleteCommand (MsDb2Command value)
```

JScript

```
public function get DeleteCommand () : MsDb2Command

public function set DeleteCommand (value : MsDb2Command)
```

## Property Value

An MsDb2Command used during Update to delete records in the data source that correspond to deleted rows in the DataSet. Remarks

During Update, if this property is not set and primary key information is present in the DataSet, the DeleteCommand can be generated automatically if you set the SelectCommand property and use the MsDb2CommandBuilder. Then, any additional commands that you do not set are generated by the MsDb2CommandBuilder. This generation logic requires key column information to be present in the DataSet.

When DeleteCommand is assigned to a previously created MsDb2Command, the MsDb2Command is not cloned. The DeleteCommand maintains a reference to the previously created MsDb2Command object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms



See Also

**Reference**

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.InsertCommand Property

Gets or sets an SQL statement or stored procedure used to insert new records into the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DefaultValueAttribute(Nothing)> _
Public Property InsertCommand As MsDb2Command
```

C#

```
[DefaultValueAttribute(null)]
public MsDb2Command InsertCommand { get; set; }
```

C++

```
[DefaultValueAttribute(nullptr)]
public:
property MsDb2Command^ InsertCommand {
    MsDb2Command^ get ();
    void set (MsDb2Command^ value);
}
```

J#

```
/** @property */
public MsDb2Command get_InsertCommand ()

/** @property */
public void set_InsertCommand (MsDb2Command value)
```

JScript

```
public function get InsertCommand () : MsDb2Command

public function set InsertCommand (value : MsDb2Command)
```

## Property Value

An MsDb2Command used during Update to insert records in the data source that correspond to new rows in the DataSet. Remarks

During Update, if this property is not set and primary key information is present in the DataSet, the InsertCommand can be generated automatically if you set the SelectCommand property and use the MsDb2CommandBuilder. Then, any additional commands that you do not set are generated by the MsDb2CommandBuilder. This generation logic requires key column information to be present in the DataSet.

When InsertCommand is assigned to a previously created MsDb2Command, the MsDb2Command is not cloned. The InsertCommand maintains a reference to the previously created MsDb2Command object.

If execution of this command returns rows, these rows may be added to the DataSet depending on how you set the UpdatedRowSource property of the MsDb2Command object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.SelectCommand Property

Gets or sets an SQL statement or stored procedure used to select records in the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DefaultValueAttribute(Nothing)> _
Public Property SelectCommand As MsDb2Command
```

C#

```
[DefaultValueAttribute(null)]
public MsDb2Command SelectCommand { get; set; }
```

C++

```
[DefaultValueAttribute(nullptr)]
public:
property MsDb2Command^ SelectCommand {
    MsDb2Command^ get ();
    void set (MsDb2Command^ value);
}
```

J#

```
/** @property */
public MsDb2Command get_SelectCommand ()

/** @property */
public void set_SelectCommand (MsDb2Command value)
```

JScript

```
public function get SelectCommand () : MsDb2Command

public function set SelectCommand (value : MsDb2Command)
```

## Property Value

An MsDb2Command that is used during Fill to select records from data source for placement in the DataSet.

Remarks

When SelectCommand is assigned to a previously created MsDb2Command, the MsDb2Command is not cloned. The SelectCommand maintains a reference to the previously created MsDb2Command object.

If the SelectCommand does not return any rows, no tables are added to the DataSet, and no exception is raised.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.UpdateBatchSize Property

Gets or sets a value that enables or disables batch processing support, and specifies the number of commands that can be executed in a batch.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property UpdateBatchSize As Integer
```

C#

```
public override int UpdateBatchSize { get; set; }
```

C++

```
public:
virtual property int UpdateBatchSize {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_UpdateBatchSize ()

/** @property */
public void set_UpdateBatchSize (int value)
```

JScript

```
public override function get UpdateBatchSize () : int

public override function set UpdateBatchSize (value : int)
```

## Property Value

The number of rows to process per batch.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataAdapter Class](#)

[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.UpdateCommand Property

Gets or sets an SQL statement or stored procedure used to update records in the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DefaultValueAttribute(Nothing)> _
Public Property UpdateCommand As MsDb2Command
```

C#

```
[DefaultValueAttribute(null)]
public MsDb2Command UpdateCommand { get; set; }
```

C++

```
[DefaultValueAttribute(nullptr)]
public:
property MsDb2Command^ UpdateCommand {
    MsDb2Command^ get ();
    void set (MsDb2Command^ value);
}
```

J#

```
/** @property */
public MsDb2Command get_UpdateCommand ()

/** @property */
public void set_UpdateCommand (MsDb2Command value)
```

JScript

```
public function get UpdateCommand () : MsDb2Command

public function set UpdateCommand (value : MsDb2Command)
```

## Property Value

An MsDb2Command used during Update to update records in the data source that correspond to modified rows in the DataSet.

Remarks

During Update, if this property is not set and primary key information is present in the DataSet, the UpdateCommand can be generated automatically if you set the SelectCommand property and use the MsDb2CommandBuilder. Then, any additional commands that you do not set are generated by the MsDb2CommandBuilder. This generation logic requires key column information to be present in the DataSet.

When UpdateCommand is assigned to a previously created MsDb2Command, the MsDb2Command is not cloned. The UpdateCommand maintains a reference to the previously created MsDb2Command object.

If execution of this command returns rows, these rows may be merged with the DataSet depending on how you set the UpdatedRowSource property of the MsDb2Command object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataAdapter Class](#)





[MsDb2DataAdapter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataAdapter Events

## Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">RowUpdated</a>	Occurs during Update after a command is executed against the data source. The attempt to update is made, so the event fires.
	<a href="#">RowUpdating</a>	Occurs during Update before a command is executed against the data source. The attempt to update is made, so the event fires.

See Also

### Reference

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataAdapter.RowUpdated Event

Occurs during Update after a command is executed against the data source. The attempt to update is made, so the event fires.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax  
C#

```
public event MsDb2RowUpdatedEventHandler RowUpdated
```

C++

```
public:  
event MsDb2RowUpdatedEventHandler^ RowUpdated {  
    void add(MsDb2RowUpdatedEventHandler^ value);  
    void remove(MsDb2RowUpdatedEventHandler^ value);  
}
```

F#

```
member RowUpdated : IEvent<MsDb2RowUpdatedEventHandler,  
    MsDb2RowUpdatedEventArgs>
```

VB

```
Public Event RowUpdated As MsDb2RowUpdatedEventHandler
```

Remarks  
In JScript, you can handle the events defined by a class, but you cannot define your own.

When using Update, there are two events that occur per data row updated. The order of execution is as follows:

1. The values in the DataRow are moved to the parameter values.
2. The OnRowUpdating event is raised.
3. The command executes.
4. If the command is set to FirstReturnedRecord, then the first returned result is placed in the DataRow.
5. If there are output parameters, they are placed in the DataRow.
6. The OnRowUpdated event is raised.
7. AcceptChanges is called.

Event Data  
The event handler receives an argument of type MsDb2RowUpdatedEventArgs containing data related to this event. The following MsDb2RowUpdatedEventArgs properties provide information specific to this event.

Property	Description
Command	Gets the MsDb2Command executed when Update is called.
Errors (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets any errors generated by the .NET data provider when the Command was executed.
RecordsAffected (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets the number of rows changed, inserted, or deleted by execution of the SQL statement.

Row (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets the DataRow sent through an Update.
StatementType (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets the type of SQL statement executed.
Status (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets the UpdateStatus of the Command.
TableMapping (inherited from System.Data.Common.RowUpdatedEventArgs)	Gets the DataTableMapping sent through an Update.

See Also

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2DataAdapter.RowUpdating Event

Occurs during Update before a command is executed against the data source. The attempt to update is made, so the event fires.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax  
C#

```
public event MsDb2RowUpdatingEventHandler RowUpdating
```

C++

```
public:  
event MsDb2RowUpdatingEventHandler^ RowUpdating {  
    void add(MsDb2RowUpdatingEventHandler^ value);  
    void remove(MsDb2RowUpdatingEventHandler^ value);  
}
```

F#

```
member RowUpdating : IEvent<MsDb2RowUpdatingEventHandler,  
    MsDb2RowUpdatingEventArgs>
```

VB

```
Public Event RowUpdating As MsDb2RowUpdatingEventHandler
```

Remarks  
In JScript, you can handle the events defined by a class, but you cannot define your own.

When using Update, there are two events that occur per data row updated. The order of execution is as follows:

1. The values in the DataRow are moved to the parameter values.
2. The OnRowUpdating event is raised.
3. The command executes.
4. If the command is set to FirstReturnedRecord, then the first returned result is placed in the DataRow.
5. If there are output parameters, they are placed in the DataRow.
6. The OnRowUpdated event is raised.
7. AcceptChanges is called.

Event Data  
The event handler receives an argument of type MsDb2RowUpdatingEventArgs containing data related to this event. The following MsDb2RowUpdatingEventArgs properties provide information specific to this event.

Property	Description
Command	Gets or sets the MsDb2Command to execute when performing the Update.
Errors (inherited from System.Data.Common.RowUpdatingEventArgs)	Gets any errors generated by the .NET data provider when the Command executes.
Row (inherited from System.Data.Common.RowUpdatingEventArgs)	Gets the DataRow to send through an Update.

StatementType (inherited from System.Data.Common.RowUpdatingEventArgs)	Gets the type of SQL statement to execute.
Status (inherited from System.Data.Common.RowUpdatingEventArgs)	Gets the UpdateStatus of the Command.
TableMapping (inherited from System.Data.Common.RowUpdatingEventArgs)	Gets the DataTableMapping to send through the Update.

See Also

[MsDb2DataAdapter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2DataReader Class

Describes a server-side forward-only cursor implementation that inherits from the `IDataReader` and `IDataRecord` interfaces.

**Namespace:** `Microsoft.HostIntegration.MsDb2Client`  
**Assembly:** `Microsoft.HostIntegration.MsDb2Client` (in `Microsoft.HostIntegration.MsDb2Client.dll`)

Inheritance Hierarchy  
`System.Object`  
`System.MarshalByRefObject`  
`System.Data.Common.DbDataReader`  
**`Microsoft.HostIntegration.MsDb2Client.MsDb2DataReader`**

Syntax  
C#

```
public sealed class MsDb2DataReader : DbDataReader
```

C++

```
public ref class MsDb2DataReader sealed : DbDataReader
```









F#

```
[<Sealed>]  
type MsDb2DataReader =  
    class  
        inherit DbDataReader  
    end
```




VB

```
Public NotInheritable Class MsDb2DataReader  
    Inherits DbDataReader
```






















## Properties

	Name	Description
	Depth	Gets a value indicating the depth of nesting for the current row.(Overrides <a href="#">DbDataReader.Depth</a> .)
	FieldCount	Gets the number of columns in the current row.(Overrides <a href="#">DbDataReader.FieldCount</a> .)
	HasRows	Gets a value that indicates whether the current data has rows.(Overrides <a href="#">DbDataReader.HasRows</a> .)
	IsClosed	Gets a value that indicates whether the data reader is closed.(Overrides <a href="#">DbDataReader.IsClosed</a> .)
	Item(Int32)	Gets the data described by the specified index.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
	Item(String)	Gets the data that has the specified name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)
	RecordsAffected	Gets the number of rows changed, inserted, or deleted by execution of the SQL statement.(Overrides <a href="#">DbDataReader.RecordsAffected</a> .)
	VisibleFieldCount	(Inherited from <a href="#">DbDataReader</a> .)


## Methods

	Name	Description
	Close()	Closes the <code>MsDb2DataReader</code> object.(Overrides <a href="#">DbDataReader.Close()</a> .)
	CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject</a> .)
	Equals(Object)	(Inherited from <a href="#">Object</a> .)

 <a href="#">GetBoolean(Int32)</a>	Returns the value of the specified column as a Boolean.(Overrides <a href="#">DbDataReader.GetBoolean(Int32)</a> .)
 <a href="#">GetByte(Int32)</a>	Returns the value of the specified column as a byte.(Overrides <a href="#">DbDataReader.GetByte(Int32)</a> .)
 <a href="#">GetBytes(Int32, Int64, Byte[], Int32, Int32)</a>	Reads a stream of bytes from the specified column offset into the buffer as an array starting at the given buffer offset.(Overrides <a href="#">DbDataReader.GetBytes(Int32, Int64, Byte[], Int32, Int32)</a> .)
 <a href="#">GetChar(Int32)</a>	Returns the value of the specified column as a character.(Overrides <a href="#">DbDataReader.GetChar(Int32)</a> .)
 <a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.(Overrides <a href="#">DbDataReader.GetChars(Int32, Int64, Char[], Int32, Int32)</a> .)
 <a href="#">GetDataTypeName(Int32)</a>	Returns the name of the source data type.(Overrides <a href="#">DbDataReader.GetDataTypeName(Int32)</a> .)
 <a href="#">GetDateTime(Int32)</a>	Returns the value of the specified column as a DateTime object.(Overrides <a href="#">DbDataReader.GetDateTime(Int32)</a> .)
 <a href="#">GetDecimal(Int32)</a>	Returns the value of the specified column as a Decimal object.(Overrides <a href="#">DbDataReader.GetDecimal(Int32)</a> .)
 <a href="#">GetDouble(Int32)</a>	Returns the value of the specified column as a double-precision floating point number.(Overrides <a href="#">DbDataReader.GetDouble(Int32)</a> .)
 <a href="#">GetEnumerator()</a>	Returns an enumerator that iterates through a collection.(Overrides <a href="#">DbDataReader.GetEnumerator()</a> .)
 <a href="#">GetFieldType(Int32)</a>	Returns the Type that is the data type of the object.(Overrides <a href="#">DbDataReader.GetFieldType(Int32)</a> .)
 <a href="#">GetFieldValue&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFloat(Int32)</a>	Returns the value of the specified column as a single-precision floating point number.(Overrides <a href="#">DbDataReader.GetFloat(Int32)</a> .)
 <a href="#">GetGuid(Int32)</a>	Returns the value of the specified column as a globally unique identifier (GUID).(Overrides <a href="#">DbDataReader.GetGuid(Int32)</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetInt16(Int32)</a>	Returns the value of the specified column as a 16-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt16(Int32)</a> .)
 <a href="#">GetInt32(Int32)</a>	Returns the value of the specified column as a 32-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt32(Int32)</a> .)
 <a href="#">GetInt64(Int32)</a>	Returns the value of the specified column as a 64-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt64(Int32)</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
<a href="#">GetName(Int32)</a>	Returns the name of the specified column.(Overrides <a href="#">DbDataReader.GetName(Int32)</a> .)

 <a href="#">GetOrdinal(String)</a>	Returns the column ordinal, given the name of the column.(Overrides <a href="#">DbDataReader.GetOrdinal(String)</a> .)
 <a href="#">GetSchemaTable()</a>	Returns a data table that describes the column metadata of the MsDb2DataReader.(Overrides <a href="#">DbDataReader.GetSchemaTable()</a> .)
 <a href="#">GetSchemaTable(Boolean)</a>	Returns a data table that describes the column metadata of the MsDb2DataReader in addition to the keys.
 <a href="#">GetStream(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetString(Int32)</a>	Retrieves the value of the specified column as a string.(Overrides <a href="#">DbDataReader.GetString(Int32)</a> .)
 <a href="#">GetTextReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetTimeSpan(Int32)</a>	Retrieves the value of the specified column as a TimeSpan object.
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetValue(Int32)</a>	Retrieves the value of the column at the specified ordinal in its native format.(Overrides <a href="#">DbDataReader.GetValue(Int32)</a> .)
 <a href="#">GetValues(Object[])</a>	Retrieves all the attribute columns in the current row.(Overrides <a href="#">DbDataReader.GetValues(Object[])</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">IsDBNull(Int32)</a>	Returns a value that indicates whether the column contains nonexistent or missing values.(Overrides <a href="#">DbDataReader.IsDBNull(Int32)</a> .)
 <a href="#">IsDBNullAsync(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">IsDBNullAsync(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">NextResult()</a>	Advances the data reader to the next result, when reading the results of batch SQL statements.(Overrides <a href="#">DbDataReader.NextResult()</a> .)
 <a href="#">NextResultAsync()</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">NextResultAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">Read()</a>	Advances the MsDb2DataReader to the next record.(Overrides <a href="#">DbDataReader.Read()</a> .)
 <a href="#">ReadAsync()</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">ReadAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">IDataRecord.GetData(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)

#### Remarks

To create an MsDb2DataReader, you must call MsDb2Command.ExecuteReader, rather than directly using a constructor.

Unlike other .NET providers, the Managed Provider for DB2 allows you to open multiple MsDb2DataReaders on a single MsDb2Connection.

Changes made to a ResultSet by another process or thread while data is being read may be visible to the user of the MsDb2DataReader. However, the precise behavior is timing-dependent.

IsClosed and RecordsAffected are the only properties that you can call after the MsDb2DataReader is closed. Though the



RecordsAffected property may be accessed at any time while the MsDb2DataReader exists, always call Close before returning the value of RecordsAffected to ensure an accurate return value.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)








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# MsDb2DataReader Members

Describes a server-side forward-only cursor implementation that inherits from the [IDataReader](#) and [IDataRecord](#) interfaces.
































The following tables list the members exposed by the [MsDb2DataReader](#) type.











## Public Properties

	Name	Description
	<a href="#">Depth</a>	Overridden. Gets a value indicating the depth of nesting for the current row.
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	Overridden. Gets a value that indicates whether the current data has rows.
	<a href="#">IsClosed</a>	Overridden. Gets a value that indicates whether the data reader is closed.
	<a href="#">Item</a>	Overloaded. Overridden. Gets data through the current instance.
	<a href="#">RecordsAffected</a>	Overridden. Gets the number of rows changed, inserted, or deleted by execution of the SQL statement.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	Overridden. Closes the MsDb2DataReader object.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	Overridden. Returns the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Returns the value of the specified column as a byte.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Returns the value of the specified column as a character.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetData</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetDataTypeName</a>	Overridden. Returns the name of the source data type.
	<a href="#">GetDateTime</a>	Overridden. Returns the value of the specified column as a DateTime object.
	<a href="#">GetDecimal</a>	Overridden. Returns the value of the specified column as a Decimal object.
	<a href="#">GetDouble</a>	Overridden. Returns the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	Overridden. Returns an enumerator that iterates through a collection.
	<a href="#">GetFieldType</a>	Overridden. Returns the Type that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Returns the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Returns the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	Overridden. Returns the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Returns the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Returns the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Returns the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Returns the column ordinal, given the name of the column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. Overridden. Retrieves the schema table.
	<a href="#">GetString</a>	Overridden. Retrieves the value of the specified column as a string.
	<a href="#">GetTimeSpan</a>	Retrieves the value of the specified column as a TimeSpan object.

	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overridden. Retrieves the value of the column at the specified ordinal in its native format.
	<a href="#">GetValues</a>	Overridden. Retrieves all the attribute columns in the current row.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Returns a value that indicates whether the column contains nonexistent or missing values.
	<a href="#">NextResult</a>	Overridden. Advances the data reader to the next result, when reading the results of batch SQL statements.
	<a href="#">Read</a>	Overridden. Advances the MsDb2DataReader to the next record.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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#### Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

[Top](#)

See Also





























#### Reference













[MsDb2DataReader Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2DataReader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	Overridden. Closes the MsDb2DataReader object.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	Overridden. Returns the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Returns the value of the specified column as a byte.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Returns the value of the specified column as a character.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetData</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetDataTypeName</a>	Overridden. Returns the name of the source data type.
	<a href="#">GetDateTime</a>	Overridden. Returns the value of the specified column as a DateTime object.
	<a href="#">GetDecimal</a>	Overridden. Returns the value of the specified column as a Decimal object.
	<a href="#">GetDouble</a>	Overridden. Returns the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	Overridden. Returns an enumerator that iterates through a collection.
	<a href="#">GetFieldType</a>	Overridden. Returns the Type that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Returns the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Returns the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	Overridden. Returns the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Returns the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Returns the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Returns the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Returns the column ordinal, given the name of the column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. Overridden. Retrieves the schema table.

	<a href="#">GetString</a>	Overridden. Retrieves the value of the specified column as a string.
	<a href="#">GetTimeSpan</a>	Retrieves the value of the specified column as a TimeSpan object.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overridden. Retrieves the value of the column at the specified ordinal in its native format.
	<a href="#">GetValues</a>	Overridden. Retrieves all the attribute columns in the current row.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Returns a value that indicates whether the column contains nonexistent or missing values.
	<a href="#">NextResult</a>	Overridden. Advances the data reader to the next result, when reading the results of batch SQL statements.
	<a href="#">Read</a>	Overridden. Advances the MsDb2DataReader to the next record.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

#### Reference

[MsDb2DataReader Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.Close Method

Closes the MsDb2DataReader object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Close
```

C#

```
public override void Close ()
```

C++

```
public:  
virtual void Close () override
```

J#

```
public void Close ()
```

JScript

```
public override function Close ()
```

Remarks

You must explicitly call the Close method when you are through using the MsDb2DataReader to use the associated MsDb2Connection for any other purpose.

**Implements**

IDataReader.Close

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetBoolean Method

Returns the value of the specified column as a Boolean.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBoolean ( _
    i As Integer _
) As Boolean
```

C#

```
public override bool GetBoolean (
    int i
)
```

C++

```
public:
virtual bool GetBoolean (
    int i
) override
```

J#

```
public boolean GetBoolean (
    int i
)
```

JScript

```
public override function GetBoolean (
    i : int
) : boolean
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column as a Boolean.

Remarks

No conversions are performed, therefore the data retrieved must already be a Boolean or an exception is generated.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetBoolean

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.GetByte Method

Returns the value of the specified column as a byte.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetByte ( _
    i As Integer _
) As Byte
```

C#

```
public override byte GetByte (
    int i
)
```

C++

```
public:
virtual unsigned char GetByte (
    int i
) override
```

J#

```
public byte GetByte (
    int i
)
```

JScript

```
public override function GetByte (
    i : int
) : byte
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column as a byte.

Remarks

No conversions are performed; therefore the data retrieved must already be a byte.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetByte

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetBytes Method

Reads a stream of bytes from the specified column offset into the buffer as an array starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBytes ( _
    i As Integer, _
    fieldOffset As Long, _
    buffer As Byte(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetBytes (
    int i,
    long fieldOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetBytes (
    int i,
    long long fieldOffset,
    array<unsigned char>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetBytes (
    int i,
    long fieldOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetBytes (
    i : int,
    fieldOffset : long,
    buffer : byte[],
    bufferOffset : int,
    length : int
) : long
```

**Parameters**

i

The zero-based column ordinal.

fieldOffset

The index within the field from which to begin the read operation.

buffer

The buffer into which to read the stream of bytes.

bufferOffset

The buffer offset.

length

The maximum length to copy into the buffer.

#### Return Value

The actual number of bytes read.

#### Remarks

GetBytes returns the number of available bytes in the field. In most cases this is the exact length of the field. However, the number returned may be less than the true length of the field if GetBytes has already been used to obtain bytes from the field. This may be the case, for example, when the MsDb2DataReader is reading a large data structure into a buffer. For more information, see the SequentialAccess setting for CommandBehavior.

If you pass a buffer that is **null** reference (Nothing in Visual Basic), GetBytes returns the length of the field in bytes.

No conversions are performed; therefore the data retrieved must already be a byte array.

#### Implements

IDataRecord.GetBytes

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### Platforms

##### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

##### Target Platforms

See Also

##### Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetChar Method

Returns the value of the specified column as a character.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChar ( _
    i As Integer _
) As Char
```

C#

```
public override char GetChar (
    int i
)
```

C++

```
public:
virtual wchar_t GetChar (
    int i
) override
```

J#

```
public char GetChar (
    int i
)
```

JScript

```
public override function GetChar (
    i : int
) : char
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a character.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetChar

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetChars Method

Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChars ( _
    i As Integer, _
    fieldOffset As Long, _
    buffer As Char(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetChars (
    int i,
    long fieldOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetChars (
    int i,
    long long fieldOffset,
    array<wchar_t>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetChars (
    int i,
    long fieldOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetChars (
    i : int,
    fieldOffset : long,
    buffer : char[],
    bufferOffset : int,
    length : int
) : long
```

**Parameters**

i

The zero-based column ordinal.

fieldOffset

The field offset.

buffer

The buffer into which to copy data.

bufferOffset

The buffer offset.

length

The number of characters to read.

#### Return Value

The actual number of characters read.

#### Remarks

GetChars returns the number of available characters in the field. In most cases this is the exact length of the field. However, the number returned may be less than the true length of the field if GetChars has already been used to obtain characters from the field. This may be the case, for example, when the MsDb2DataReader is reading a large data structure into a buffer. For more information, see the SequentialAccess setting for CommandBehavior.

If you pass a buffer that is **null** reference (Nothing in Visual Basic), GetChars returns the length of the field in characters.

No conversions are performed; therefore the data retrieved must already be a character array.

#### Implements

IDataRecord.GetChars

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### Platforms

##### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

##### Target Platforms

See Also

#### Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.GetDataTypeName Method

Returns the name of the source data type.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDataTypeName ( _
    i As Integer _
) As String
```

C#

```
public override string GetDataTypeName (
    int i
)
```

C++

```
public:
virtual String^ GetDataTypeName (
    int i
) override
```

J#

```
public String GetDataTypeName (
    int i
)
```

JScript

```
public override function GetDataTypeName (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The name of the host data type.

Remarks

## Implements

IDataRecord.GetDataTypeName

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)



# MsDb2DataReader.GetDateTime Method

Returns the value of the specified column as a DateTime object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDateTime ( _
    i As Integer _
) As DateTime
```

C#

```
public override DateTime GetDateTime (
    int i
)
```

C++

```
public:
virtual DateTime GetDateTime (
    int i
) override
```

J#

```
public DateTime GetDateTime (
    int i
)
```

JScript

```
public override function GetDateTime (
    i : int
) : DateTime
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a DateTime object.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetDateTime

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetDecimal Method

Returns the value of the specified column as a Decimal object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDecimal ( _
    i As Integer _
) As Decimal
```

C#

```
public override decimal GetDecimal (
    int i
)
```

C++

```
public:
virtual Decimal GetDecimal (
    int i
) override
```

J#

```
public Decimal GetDecimal (
    int i
)
```

JScript

```
public override function GetDecimal (
    i : int
) : decimal
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a Decimal object.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetDecimal

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetDouble Method

Returns the value of the specified column as a double-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDouble ( _
    i As Integer _
) As Double
```

C#

```
public override double GetDouble (
    int i
)
```

C++

```
public:
virtual double GetDouble (
    int i
) override
```

J#

```
public double GetDouble (
    int i
)
```

JScript

```
public override function GetDouble (
    i : int
) : double
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a double-precision floating point number.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetDouble

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.GetEnumerator Method

Returns an enumerator that iterates through a collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetEnumerator As IEnumerator
```

C#

```
public override IEnumerator GetEnumerator ()
```

C++

```
public:
virtual IEnumerator^ GetEnumerator () override
```

J#

```
public IEnumerator GetEnumerator ()
```

JScript

```
public override function GetEnumerator () : IEnumerator
```

## Return Value

An IEnumerator object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetFieldType Method

Returns the Type that is the data type of the object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFieldType ( _
    i As Integer _
) As Type
```

C#

```
public override Type GetFieldType (
    int i
)
```

C++

```
public:
virtual Type^ GetFieldType (
    int i
) override
```

J#

```
public Type GetFieldType (
    int i
)
```

JScript

```
public override function GetFieldType (
    i : int
) : Type
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The Type that is the data type of the object.

Remarks

## Implements

IDataRecord.GetFieldType

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)



# MsDb2DataReader.GetFloat Method

Returns the value of the specified column as a single-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFloat ( _
    i As Integer _
) As Single
```

C#

```
public override float GetFloat (
    int i
)
```

C++

```
public:
virtual float GetFloat (
    int i
) override
```

J#

```
public float GetFloat (
    int i
)
```

JScript

```
public override function GetFloat (
    i : int
) : float
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a single-precision floating point number.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetFloat

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetGuid Method

Returns the value of the specified column as a globally unique identifier (GUID).

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetGuid ( _
    i As Integer _
) As Guid
```

C#

```
public override Guid GetGuid (
    int i
)
```

C++

```
public:
virtual Guid GetGuid (
    int i
) override
```

J#

```
public Guid GetGuid (
    int i
)
```

JScript

```
public override function GetGuid (
    i : int
) : Guid
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a globally unique identifier.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetGuid

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetInt16 Method

Returns the value of the specified column as a 16-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt16 ( _
    i As Integer _
) As Short
```

C#

```
public override short GetInt16 (
    int i
)
```

C++

```
public:
virtual short GetInt16 (
    int i
) override
```

J#

```
public short GetInt16 (
    int i
)
```

JScript

```
public override function GetInt16 (
    i : int
) : short
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a 16-bit signed integer.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetInt16

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms



See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetInt32 Method

Returns the value of the specified column as a 32-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt32 ( _
    i As Integer _
) As Integer
```

C#

```
public override int GetInt32 (
    int i
)
```

C++

```
public:
virtual int GetInt32 (
    int i
) override
```

J#

```
public int GetInt32 (
    int i
)
```

JScript

```
public override function GetInt32 (
    i : int
) : int
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a 32-bit signed integer.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetInt32

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetInt64 Method

Returns the value of the specified column as a 64-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt64 ( _
    i As Integer _
) As Long
```

C#

```
public override long GetInt64 (
    int i
)
```

C++

```
public:
virtual long long GetInt64 (
    int i
) override
```

J#

```
public long GetInt64 (
    int i
)
```

JScript

```
public override function GetInt64 (
    i : int
) : long
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a 64-bit signed integer.

Call `IsDBNull` to check for **null** values before calling this method.

## Implements

`IDataRecord.GetInt64`

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetName Method

Returns the name of the specified column.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetName ( _
    i As Integer _
) As String
```

C#

```
public override string GetName (
    int i
)
```

C++

```
public:
virtual String^ GetName (
    int i
) override
```

J#

```
public String GetName (
    int i
)
```

JScript

```
public override function GetName (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The name of the specified column.

Remarks

## Implements

IDataRecord.GetName

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)



# MsDb2DataReader.GetOrdinal Method

Returns the column ordinal, given the name of the column.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function.GetOrdinal ( _
    name As String _
) As Integer
```

C#

```
public override int.GetOrdinal (
    string name
)
```

C++

```
public:
virtual int.GetOrdinal (
    String^ name
) override
```

J#

```
public int.GetOrdinal (
    String name
)
```

JScript

```
public override function.GetOrdinal (
    name : String
) : int
```

## Parameters

name

The name of the column.

## Return Value

The zero-based column ordinal.

Remarks

GetOrdinal performs a case-sensitive lookup first. If it fails, a second case-insensitive search is made.

GetOrdinal is kana-width insensitive.

Because ordinal-based lookups are more efficient than named lookups, it is inefficient to call GetOrdinal within a loop. Save time by calling GetOrdinal once and assigning the results to an integer variable for use within the loop.

## Implements

IDataRecord.GetOrdinal

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**



Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetSchemaTable Method

Retrieves the schema table.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

### Overload List

Name	Description
 <a href="#">GetSchemaTable()</a>	Returns a data table that describes the column metadata of the MsDb2DataReader.(Overrides <a href="#">DbDataReader.GetSchemaTable()</a> .)
 <a href="#">GetSchemaTable(Boolean)</a>	Returns a data table that describes the column metadata of the MsDb2DataReader in addition to the keys.

See Also  
[MsDb2DataReader Class](#)  
[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)  
**MsDb2DataReader.GetSchemaTable Method ()**  
Returns a data table that describes the column metadata of the MsDb2DataReader.

### Syntax

```
C#  
  
public override DataTable GetSchemaTable()
```

```
C++  
  
public:  
virtual DataTable^ GetSchemaTable() override
```

```
F#  
  
override GetSchemaTable : unit -> DataTable
```

```
VB  
  
Public Overrides Function GetSchemaTable As DataTable
```

**Return Value**  
Type: [System.Data.DataTable](#)  
A data table that describes the column metadata of the MsDb2DataReader.

**Implements**  
[IDataReader.GetSchemaTable\(\)](#)

Remarks  
The GetSchemaTable method maps to the OLE DB IColumnsRowset::GetColumnsRowset method, and returns metadata about each column in the following order:

Data Reader Column	OLE DB Column ID	Description
--------------------	------------------	-------------

Column Name	DBCOLUMN_NAME	The name of the column; this might not be unique. If this cannot be determined, a null value is returned. This name always reflects the most recent renaming of the column in the current view or command text.
Column Ordinal	DBCOLUMN_ordinal	The ordinal of the column. This is zero for the bookmark column of the row, if any. Other columns are numbered starting with one. This column cannot contain a null value.
Column Size	DBCOLUMN_SIZE	The maximum possible length of a value in the column. For columns that use a fixed-length data type, this is the size of the data type.
Numeric Precision	DBCOLUMN_precision	If DbType is a numeric data type, this is the maximum precision of the column. The precision of columns with a data type of DBTYPE_DECIMAL or DBTYPE_NUMERIC depends on the definition of the column. If DbType is not a numeric data type, this is a null value.
Numeric Scale	DBCOLUMN_scale	If DbType is DBTYPE_DECIMAL or DBTYPE_NUMERIC, this is the number of digits to the right of the decimal point. Otherwise, this is a null value.
Data Type	None	Maps to the .NET Framework type of the column.
Provider Type	DBCOLUMN_TYPE	The indicator of the column's data type. If the data type of the column varies from row to row, this must be DBTYPE_VARIANT. This column cannot contain a null value.
Is Long	DBCOLUMNFLAGS_ISLONG	The provider sets DBCOLUMNFLAGS_ISLONG if the column contains a Binary Long Object (BLOB) that contains very long data. The definition of very long data is provider-specific. The setting of this flag corresponds to the value of the IS_LONG column in the PROVIDER_TYPES rowset for the data type.
Allow Null	DBCOLUMNFLAGS_ISNULLABLE	The provider sets DBCOLUMNFLAGS_ISNULLABLE if the consumer can set the column to a null value, or if the provider cannot determine whether or not the consumer can set the column to a null value. A column may contain null values, even if it cannot be set to a null value.
Is Read Only	DBCOLUMNFLAGS_WRITE	true if the column can be modified; otherwise false. The column is assumed to be writable if the provider has set either the DBCOLUMNFLAGS_WRITE or DBCOLUMNFLAGS_WRITEUNKNOWN flag.
Is Row Version	DBCOLUMNFLAGS_ISROWID	The provider sets DBCOLUMNFLAGS_ISROWID if the column contains a persistent row identifier that cannot be written to, and has no meaningful value except to identity the row.
Is Unique	DBCOLUMN_UNIQUE	VARIANT_TRUE: No two rows in the base table-the table returned in BaseTableName-can have the same value in this column. IsUnique is guaranteed to be VARIANT_TRUE if the column constitutes a key by itself or if there is a constraint of type UNIQUE that applies only to this column. VARIANT_FALSE: The column can contain duplicate values in the base table. The default of this column is VARIANT_FALSE.

IsKey	DBCOLUMN_KEYCOLUMN	VARIANT_TRUE: The column is one of a set of columns in the rowset that, taken together, uniquely identify the row. The set of columns with IsKey set to VARIANT_TRUE must uniquely identify a row in the rowset. There is no requirement that this set of columns is a minimal set of columns. This set of columns may be generated from a base table primary key, a unique constraint or a unique index. VARIANT_FALSE-The column is not required to uniquely identify the row.
IsAutoIncrement	DBCOLUMN_AUTOINCREMENT	VARIANT_TRUE: The column assigns values to new rows in fixed increments. VARIANT_FALSE: The column does not assign values to new rows in fixed increments. The default of this column is VARIANT_FALSE.
BaseSchemaName	DBCOLUMN_SCHEMA_NAME	The name of the schema in the data store that contains the column. A null value if the base schema name cannot be determined. The default of this column is a null value.
BaseCatalogName	DBCOLUMN_CATALOG_NAME	The name of the catalog in the data store that contains the column. A null value if the base catalog name cannot be determined. The default of this column is a null value.
BaseTableName	DBCOLUMN_TABLE_NAME	The name of the table or view in the data store that contains the column. A null value if the base table name cannot be determined. The default of this column is a null value.
BaseColumnName	DBCOLUMN_COLUMN_NAME	The name of the column in the data store. This might be different than the column name returned in the Column Name column if an alias was used. A null value if the base column name cannot be determined or if the rowset column is derived, but not identical to, a column in the data store. The default of this column is a null value.

Implements

IDataReader.GetSchemaTable

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#### MsDb2DataReader.GetSchemaTable Method (Boolean)

Returns a data table that describes the column metadata of the MsDb2DataReader in addition to the keys.

Syntax

C#

```
public DataTable GetSchemaTable(
    bool retrieveKeys
)
```

C++

```
public:
    DataTable^ GetSchemaTable(
        bool retrieveKeys
    )
```

F#

```
member GetSchemaTable :
    retrieveKeys:bool -> DataTable
```

VB

```
Public Function GetSchemaTable (  
    retrieveKeys As Boolean  
) As DataTable
```

**Parameters**

*retrieveKeys*

Type: [System.Boolean](#)

**True** to retrieve the keys as well; otherwise, **false**.

**Return Value**

Type: [System.Data.DataTable](#)

A datatable containing the column metadata.

[Return to top](#)

# MsDb2DataReader.GetSchemaTable Method ()

Returns a data table that describes the column metadata of the MsDb2DataReader.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration
Public Overrides Function GetSchemaTable As DataTable
```

C#

```
public override DataTable GetSchemaTable ()
```

C++

```
public:
virtual DataTable^ GetSchemaTable () override
```

J#

```
public DataTable GetSchemaTable ()
```

JScript

```
public override function GetSchemaTable () : DataTable
```

**Return Value**

A data table that describes the column metadata of the MsDb2DataReader.

Remarks

The GetSchemaTable method maps to the OLE DB IColumnsRowset::GetColumnsRowset method, and returns metadata about each column in the following order:

Dat aRe ader Col um n	OLE DB Colum n ID	Description
Colu mn Nam e	DBCOL UMN_N AME	The name of the column; this might not be unique. If this cannot be determined, a null value is returned. This name always reflects the most recent renaming of the column in the current view or command text.
Colu mn Ordi nal	DBCOL UMN_N UMBER	The ordinal of the column. This is zero for the bookmark column of the row, if any. Other columns are numbered starting with one. This column cannot contain a null value.
Colu mnS ize	DBCOL UMN_C OLUM NSIZE	The maximum possible length of a value in the column. For columns that use a fixed-length data type, this is the size of the data type.

NumericPrecision	DBCOLUMN_PRECISION	If DbType is a numeric data type, this is the maximum precision of the column. The precision of columns with a data type of DBTYPE_DECIMAL or DBTYPE_NUMERIC depends on the definition of the column. If DbType is not a numeric data type, this is a null value.
NumericScale	DBCOLUMN_SCALE	If DbType is DBTYPE_DECIMAL or DBTYPE_NUMERIC, this is the number of digits to the right of the decimal point. Otherwise, this is a null value.
Data Type	None	Maps to the .NET Framework type of the column.
Provider Type	DBCOLUMN_TYPE	The indicator of the column's data type. If the data type of the column varies from row to row, this must be DBTYPE_VARIANT. This column cannot contain a null value.
IsLong	DBCOLUMNFLAGS_ISLONG	The provider sets DBCOLUMNFLAGS_ISLONG if the column contains a Binary Long Object (BLOB) that contains very long data. The definition of very long data is provider-specific. The setting of this flag corresponds to the value of the IS_LONG column in the PROVIDER_TYPES rowset for the data type.
AllowDBNull	DBCOLUMNFLAGS_ISNULLABLE	The provider sets DBCOLUMNFLAGS_ISNULLABLE if the consumer can set the column to a null value, or if the provider cannot determine whether or not the consumer can set the column to a null value. A column may contain null values, even if it cannot be set to a null value.
IsReadOnly	DBCOLUMNFLAGS_WRITE	true if the column can be modified; otherwise false. The column is assumed to be writable if the provider has set either the DBCOLUMNFLAGS_WRITE or DBCOLUMNFLAGS_WRITEUNKNOWN flag.
IsRowVersion	DBCOLUMNFLAGS_ISROWID	The provider sets DBCOLUMNFLAGS_ISROWID if the column contains a persistent row identifier that cannot be written to, and has no meaningful value except to identity the row.
IsUnique	DBCOLUMN_UNIQUE	VARIANT_TRUE: No two rows in the base table-the table returned in BaseTableName-can have the same value in this column. IsUnique is guaranteed to be VARIANT_TRUE if the column constitutes a key by itself or if there is a constraint of type UNIQUE that applies only to this column. VARIANT_FALSE: The column can contain duplicate values in the base table. The default of this column is VARIANT_FALSE.
IsKey	DBCOLUMN_KEYCOLUMN	VARIANT_TRUE: The column is one of a set of columns in the rowset that, taken together, uniquely identify the row. The set of columns with IsKey set to VARIANT_TRUE must uniquely identify a row in the rowset. There is no requirement that this set of columns is a minimal set of columns. This set of columns may be generated from a base table primary key, a unique constraint or a unique index. VARIANT_FALSE-The column is not required to uniquely identify the row.
IsAutoIncrement	DBCOLUMN_AUTOINCREMENT	VARIANT_TRUE: The column assigns values to new rows in fixed increments. VARIANT_FALSE: The column does not assign values to new rows in fixed increments. The default of this column is VARIANT_FALSE.

Base Schema Name	DBCOLUMN_NAME	The name of the schema in the data store that contains the column. A null value if the base schema name cannot be determined. The default of this column is a null value.
Base Catalog Name	DBCOLUMN_CATALOG_NAME	The name of the catalog in the data store that contains the column. A null value if the base catalog name cannot be determined. The default of this column is a null value.
Base Table Name	DBCOLUMN_TABLE_NAME	The name of the table or view in the data store that contains the column. A null value if the base table name cannot be determined. The default of this column is a null value.
Base Column Name	DBCOLUMN_COLUMN_NAME	The name of the column in the data store. This might be different than the column name returned in the Column Name column if an alias was used. A null value if the base column name cannot be determined or if the rowset column is derived, but not identical to, a column in the data store. The default of this column is a null value.

#### Implements

IDataReader.GetSchemaTable

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.GetSchemaTable Method (Boolean)

Returns a data table that describes the column metadata of the MsDb2DataReader in addition to the keys.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetSchemaTable ( _
    retrieveKeys As Boolean _
) As DataTable
```

C#

```
public DataTable GetSchemaTable (
    bool retrieveKeys
)
```

C++

```
public:
    DataTable^ GetSchemaTable (
        bool retrieveKeys
    )
```

J#

```
public DataTable GetSchemaTable (
    boolean retrieveKeys
)
```

JScript

```
public function GetSchemaTable (
    retrieveKeys : boolean
) : DataTable
```

## Parameters

retrieveKeys

**True** to retrieve the keys as well; otherwise, **false**.

## Return Value

A datatable containing the column metadata.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetString Method

Retrieves the value of the specified column as a string.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetString ( _
    i As Integer _
) As String
```

C#

```
public override string GetString (
    int i
)
```

C++

```
public:
virtual String^ GetString (
    int i
) override
```

J#

```
public String GetString (
    int i
)
```

JScript

```
public override function GetString (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a string.

Call IsDBNull to check for **null** values before calling this method.

## Implements

IDataRecord.GetString

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetTimeSpan Method

Retrieves the value of the specified column as a TimeSpan object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetTimeSpan ( _
    i As Integer _
) As TimeSpan
```

C#

```
public TimeSpan GetTimeSpan (
    int i
)
```

C++

```
public:
    TimeSpan GetTimeSpan (
        int i
    )
```

J#

```
public TimeSpan GetTimeSpan (
    int i
)
```

JScript

```
public function GetTimeSpan (
    i : int
) : TimeSpan
```

## Parameters

- i**  
The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

No conversions are performed; the data retrieved must already be a TimeSpan object.

Call IsDBNull to check for **null** values before calling this method.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetValue Method

Retrieves the value of the column at the specified ordinal in its native format.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValue ( _
    i As Integer _
) As Object
```

C#

```
public override Object GetValue (
    int i
)
```

C++

```
public:
virtual Object^ GetValue (
    int i
) override
```

J#

```
public Object GetValue (
    int i
)
```

JScript

```
public override function GetValue (
    i : int
) : Object
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

Remarks

This method returns DBNull for **null** database columns.

## Implements

IDataRecord.GetValue

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.GetValues Method

Retrieves all the attribute columns in the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValues ( _
    values As Object() _
) As Integer
```

C#

```
public override int GetValues (
    Object[] values
)
```

C++

```
public:
virtual int GetValues (
    array<Object^>^ values
) override
```

J#

```
public int GetValues (
    Object[] values
)
```

JScript

```
public override function GetValues (
    values : Object[]
) : int
```

## Parameters

values

An array of Object into which to copy the attribute columns.

## Return Value

The number of instances of Object in the array.

Remarks

For most applications, the GetValues method provides an efficient means for retrieving all columns, rather than retrieving each column individually.

You can pass an Object array that contains fewer than the number of columns contained in the resulting row. Only the amount of data the Object array holds is copied to the array. You can also pass an Object array whose length is more than the number of columns contained in the resulting row.

This method returns DBNull for **null** database columns.

## Implements

IDataRecord.GetValues

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.



Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.IsDBNull Method

Returns a value that indicates whether the column contains nonexistent or missing values.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IsDBNull ( _
    i As Integer _
) As Boolean
```

C#

```
public override bool IsDBNull (
    int i
)
```

C++

```
public:
virtual bool IsDBNull (
    int i
) override
```

J#

```
public boolean IsDBNull (
    int i
)
```

JScript

```
public override function IsDBNull (
    i : int
) : boolean
```

## Parameters

i

The zero-based column ordinal.

## Return Value

**True** if the specified column value is equivalent to DBNull; otherwise, **false**.

Remarks

Call this method to check for null column values before calling the typed get methods (for example, GetByte, GetChar, and so on) to avoid raising an error.

## Implements

IDataRecord.IsDBNull

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.NextResult Method

Advances the data reader to the next result, when reading the results of batch SQL statements.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function NextResult As Boolean
```

C#

```
public override bool NextResult ()
```

C++

```
public:
virtual bool NextResult () override
```

J#

```
public boolean NextResult ()
```

JScript

```
public override function NextResult () : boolean
```

## Return Value

**True** if there are more result sets; otherwise, **false**.

Remarks

Used to process multiple results, which can be generated by executing batch SQL statements.

By default, the data reader is positioned on the first result.

## Implements

IDataReader.NextResult

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.Read Method

Advances the MsDb2DataReader to the next record.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function Read As Boolean
```

C#

```
public override bool Read ()
```

C++

```
public:  
virtual bool Read () override
```

J#

```
public boolean Read ()
```

JScript

```
public override function Read () : boolean
```

## Return Value

**True** if there are more rows; otherwise, **false**.

Remarks

The default position of the MsDb2DataReader is prior to the first record. Therefore, you must call Read to begin accessing any data.

While the MsDb2DataReader is in use, the associated MsDb2Connection is busy serving it until you call Close.

## Implements

IDataReader.Read

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader Properties

## Public Properties

	Name	Description
	<a href="#">Depth</a>	Overridden. Gets a value indicating the depth of nesting for the current row.
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	Overridden. Gets a value that indicates whether the current data has rows.
	<a href="#">IsClosed</a>	Overridden. Gets a value that indicates whether the data reader is closed.
	<a href="#">Item</a>	Overloaded. Overridden. Gets data through the current instance.
	<a href="#">RecordsAffected</a>	Overridden. Gets the number of rows changed, inserted, or deleted by execution of the SQL statement.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

### Reference

[MsDb2DataReader Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.Depth Property

Gets a value indicating the depth of nesting for the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Depth As Integer
```

C#

```
public override int Depth { get; }
```

C++

```
public:
virtual property int Depth {
    int get () override;
}
```

J#

```
/** @property */
public int get_Depth ()
```

JScript

```
public override function get Depth () : int
```

## Property Value

The depth of nesting for the current row.

Remarks

The outermost table has a length of zero.

## Implements

IDataReader.Depth

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.FieldCount Property

Gets the number of columns in the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FieldCount As Integer
```

C#

```
public override int FieldCount { get; }
```

C++

```
public:
virtual property int FieldCount {
    int get () override;
}
```

J#

```
/** @property */
public int get_FieldCount ()
```

JScript

```
public override function get FieldCount () : int
```

## Property Value

When not positioned in a valid RecordSet, 0; otherwise the number of columns in the current record. The default is -1.

Remarks

After executing a query that does not return rows, FieldCount returns 0.

## Implements

IDataRecord.FieldCount

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.HasRows Property

Gets a value that indicates whether the current data has rows.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HasRows As Boolean
```

C#

```
public override bool HasRows { get; }
```

C++

```
public:
virtual property bool HasRows {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_HasRows ()
```

JScript

```
public override function get HasRows () : boolean
```

## Property Value

**True** if the data has rows; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.IsClosed Property

Gets a value that indicates whether the data reader is closed.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsClosed As Boolean
```

C#

```
public override bool IsClosed { get; }
```

C++

```
public:
virtual property bool IsClosed {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsClosed ()
```

JScript

```
public override function get IsClosed () : boolean
```

## Property Value

**true** if the MsDb2DbDataReader is closed; otherwise, **false**.

Remarks

IsClosed and RecordsAffected are the only properties that you can call after the MsDb2DataReader is closed.

## Implements

IDataReader.IsClosed

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2DataReader.Item Property

Gets data through the current instance.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

	Name	Description
	<a href="#">Item(Int32)</a>	Gets the data described by the specified index.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
	<a href="#">Item(String)</a>	Gets the data that has the specified name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)

See Also

[MsDb2DataReader Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2DataReader.Item Property (Int32)

Gets the data described by the specified index.

Syntax

C#

```
public override object this[
    int i
] { get; }
```

C++

```
public:
property Object^ default[
    int i
] {
    virtual Object^ get(int i) override;
}
```

F#

```
override Item :
    i:int -> Object with get
```

VB

```
Public Overrides ReadOnly Property Item (
    i As Integer
) As Object
```

## Parameters

*i*

Type: [System.Int32](#)

The index of the data to access.

## Property Value

Type: [System.Object](#)

The data described by the specified index.

## Implements

[IDataRecord.Item\(Int32\)](#)

[Return to top](#)

## MsDb2DataReader.Item Property (String)

Gets the data that has the specified name.

## Syntax

### C#

```
public override object this[
    string name
] { get; }
```

### C++

```
public:
property Object^ default[
    String^ name
] {
    virtual Object^ get(String^ name) override;
}
```

### F#

```
override Item :
    name:string -> Object with get
```

### VB

```
Public Overrides ReadOnly Property Item (
    name As String
) As Object
```

## Parameters

*name*

Type: [System.String](#)

The data to retrieve.

## Property Value

Type: [System.Object](#)

The data with the specified name.

## Implements

[IDataRecord.Item\(String\)](#)

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# MsDb2DataReader.Item Property (Int32)

Gets the data described by the specified index.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    i As Integer _
) As Object
```

C#

```
public override Object this [
    int i
] { get; }
```

C++

```
public:
virtual property Object^ default [int] {
    Object^ get (int i) override;
}
```

J#

```
/** @property */
public Object get_Item (int i)
```

JScript

## Parameters

i

The index of the data to access.

## Property Value

The data described by the specified index.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.Item Property (String)

Gets the data that has the specified name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    name As String _
) As Object
```

C#

```
public override Object this [
    string name
] { get; }
```

C++

```
public:
virtual property Object^ default [String^] {
    Object^ get (String^ name) override;
}
```

J#

```
/** @property */
public Object get_Item (String name)
```

JScript

## Parameters

name

The data to retrieve.

## Property Value

The data with the specified name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2DataReader.RecordsAffected Property

Gets the number of rows changed, inserted, or deleted by execution of the SQL statement.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property RecordsAffected As Integer
```

C#

```
public override int RecordsAffected { get; }
```

C++

```
public:
virtual property int RecordsAffected {
    int get () override;
}
```

J#

```
/** @property */
public int get_RecordsAffected ()
```

JScript

```
public override function get RecordsAffected () : int
```

## Property Value

The number of rows changed, inserted, or deleted by execution of the SQL statement.

Remarks

## Implements

IDataReader.RecordsAffected

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2DataReader Class](#)

[MsDb2DataReader Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception Class

The exception that is thrown when a DB2 error occurs.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Exception](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2Exception**

Syntax  
C#

```
[SerializableAttribute]
public sealed class MsDb2Exception : Exception
```

C++

```
[SerializableAttribute]
public ref class MsDb2Exception sealed : Exception
```











F#

```
[<Sealed>]
[<SerializableAttribute>]
type MsDb2Exception =
    class
        inherit Exception
    end
```

VB

```
<SerializableAttribute>
Public NotInheritable Class MsDb2Exception
    Inherits Exception
```







## Properties

	Name	Description
	<a href="#">Data</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">HelpLink</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">HResult</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">InnerException</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">Message</a>	Gets the DB2 error message in question.(Overrides <a href="#">Exception.Message</a> .)
	<a href="#">Source</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">SqlCode</a>	Gets a value describing if the SQL statement was successfully executed.
	<a href="#">SqlState</a>	Gets a two-character class code describing the execution of an SQL statement.
	<a href="#">StackTrace</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">TargetSite</a>	(Inherited from <a href="#">Exception</a> .)

## Methods

Name	Description
------	-------------



 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetBaseException()</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetObjectData(SerializationInfo, StreamingContext)</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">ToString()</a>	Returns a String that represents the current Object.(Overrides <a href="#">Exception.ToString()</a> .)

#### Remarks

This class is created whenever the DB2 .NET Framework data provider encounters an error generated from the server. (Client side errors are thrown as standard URT exceptions.) MsDb2Exception always contains at least one instance of MsDb2Error.

If the severity of the error is too great, the server may close the MsDb2Connection. However, the user can reopen the connection and continue.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)










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# MsDb2Exception Members

The exception that is thrown when a DB2 error occurs.


The following tables list the members exposed by the [MsDb2Exception](#) type.

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	Overridden. Gets the DB2 error message in question.
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">SqlCode</a>	Gets a value describing if the SQL statement was successfully executed.
	<a href="#">SqlState</a>	Gets a two-character class code describing the execution of an SQL statement.
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )









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Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Returns a String that represents the current Object.


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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

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See Also









## Reference

[MsDb2Exception Class](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Returns a String that represents the current Object.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [MsDb2Exception Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception.ToString Method

Returns a String that represents the current Object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

A string that represents the current Object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference










[MsDb2Exception Class](#)

[MsDb2Exception Members](#)


[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	Overridden. Gets the DB2 error message in question.
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">SqlCode</a>	Gets a value describing if the SQL statement was successfully executed.
	<a href="#">SqlState</a>	Gets a two-character class code describing the execution of an SQL statement.
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )

Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )

See Also

## Reference

[MsDb2Exception Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception.Message Property

Gets the DB2 error message in question.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Message As String
```

C#

```
public override string Message { get; }
```

C++

```
public:
virtual property String^ Message {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_Message ()
```

JScript

```
public override function get Message () : String
```

## Property Value

The DB2 error message in question.

Remarks

**Value**

The DB2 error message.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Exception Class](#)

[MsDb2Exception Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception.SqlCode Property

Gets a value describing if the SQL statement was successfully executed.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property SqlCode As Integer
```

C#

```
public int SqlCode { get; }
```

C++

```
public:
property int SqlCode {
    int get ();
}
```

J#

```
/** @property */
public int get_SqlCode ()
```

JScript

```
public function get SqlCode () : int
```

## Property Value

A value describing if the SQL statement was successfully executed.

Remarks

**Value**

The following table describes the possible value for SqlCode.

SqlCode	Description
0	Execution was successful
>0	Execution was successful, but a warning was generated.
<0	Execution was not successful.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Exception Class](#)

[MsDb2Exception Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2Exception.SqlState Property

Gets a two-character class code describing the execution of an SQL statement.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
Usage  
Syntax  
VB

```
'Declaration
Public ReadOnly Property SqlState As String
```

C#

```
public string SqlState { get; }
```

C++

```
public:
property String^ SqlState {
String^ get ();
}
```

J#

```
/** @property */
public String get_SqlState ()
```

JScript

```
public function get SqlState () : String
```

## Property Value

A two-character class code describing the execution of an SQL statement.

Remarks

### Value

A description of the execution of the previous SQL statement. The following table describes the possible values for SqlState.

Class Code	Description of Error Class
00	Successful completion. Execution of the SQL statement was successful and did not result in any type of warning or exception condition.
01	Warning
02	No Data
07	Dynamic SQL error
08	Connection exception
0A	Feature not supported
0F	Invalid token

21	Cardinality violation
22	Data exception
23	Constraint violation
24	Invalid cursor state
25	Invalid Transaction state
26	Invalid SQL statement identifier
2D	Invalid transaction termination
34	Invalid cursor name
39	External function call exception
40	Transaction rollback
42	Syntax error or access rule violation
44	WITH CHECK OPTION violation
51	Invalid application state
53	Invalid operand or inconsistent specification
54	SQL or product limit exceeded
55	Object not in prerequisite state
56	Miscellaneous SQL or product errors
57	Resource not available or operator intervention
58	System error

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**


[MsDb2Exception Class](#)

[MsDb2Exception Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Exception Events

Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

See Also

Reference

- [MsDb2Exception Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory Class

Represents new instances of MsDb2Client objects, such as MsDb2Connection and MsDb2Command objects.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)

[System.Data.Common.DbProviderFactory](#)

**Microsoft.HostIntegration.MsDb2Client.MsDb2Factory**

Syntax

C#

```
public sealed class MsDb2Factory : DbProviderFactory, IServiceProvider
```

C++

```
public ref class MsDb2Factory sealed : DbProviderFactory, IServiceProvider
```

F#

```
[<Sealed>]
type MsDb2Factory =
    class
        inherit DbProviderFactory
        interface IServiceProvider
    end
```


VB

```
Public NotInheritable Class MsDb2Factory
    Inherits DbProviderFactory
    Implements IServiceProvider
```








Constructors






	Name	Description
	<a href="#">MsDb2Factory()</a>	Initializes a new instance of the <b>MsDb2Factory</b> class.

Properties


	Name	Description
	<a href="#">CanCreateDataSourceEnumerator</a>	(Inherited from <a href="#">DbProviderFactory</a> .)

Methods

	Name	Description
	<a href="#">CreateCommand()</a>	Creates a new command.(Overrides <a href="#">DbProviderFactory.CreateCommand()</a> .)
	<a href="#">CreateCommandBuilder()</a>	Creates a new command builder.(Overrides <a href="#">DbProviderFactory.CreateCommandBuilder()</a> .)
	<a href="#">CreateConnection()</a>	Creates a new connection.(Overrides <a href="#">DbProviderFactory.CreateConnection()</a> .)
	<a href="#">CreateConnectionStringBuilder()</a>	Creates a new connection string builder.(Overrides <a href="#">DbProviderFactory.CreateConnectionStringBuilder()</a> .)
	<a href="#">CreateDataAdapter()</a>	Creates a new data adapter.(Overrides <a href="#">DbProviderFactory.CreateDataAdapter()</a> .)
	<a href="#">CreateDataSourceEnumerator()</a>	(Inherited from <a href="#">DbProviderFactory</a> .)
	<a href="#">CreateParameter()</a>	Creates a new parameter.(Overrides <a href="#">DbProviderFactory.CreateParameter()</a> .)

 <a href="#">CreatePermission(PermissionState)</a>	Creates a new permission using the specified permission state.(Overrides <a href="#">DbProviderFactory.CreatePermission(PermissionState)</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Fields

	Name	Description
 <a href="#">Instance</a>	<a href="#">Instance</a>	Specifies an instance of the MsDb2Factory.

#### Explicit Interface Implementations

	Name	Description
 <a href="#">IServiceProvider.GetService(Type)</a>	<a href="#">IServiceProvider.GetService(Type)</a>	

#### Remarks

You can access MsDb2Factory through the MsDb2ConnectionFactory used by the System.Data connection pooler.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Factory Members

Represents new instances of MsDb2Client objects, such as MsDb2Connection and MsDb2Command objects.


The following tables list the members exposed by the [MsDb2Factory](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2Factory</a>	Initializes a new instance of the <a href="#">MsDb2Factory</a> class.


[Top](#)

## Public Fields

Name	Description
 <a href="#">Instance</a>	Specifies an instance of the MsDb2Factory.















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## Public Properties

Name	Description
 <a href="#">CanCreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateCommand</a>	Overridden. Creates a new command.
 <a href="#">CreateCommandBuilder</a>	Overridden. Creates a new command builder.
 <a href="#">CreateConnection</a>	Overridden. Creates a new connection.
 <a href="#">CreateConnectionStringBuilder</a>	Overridden. Creates a new connection string builder.
 <a href="#">CreateDataAdapter</a>	Overridden. Creates a new data adapter.
 <a href="#">CreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )
 <a href="#">CreateParameter</a>	Overridden. Creates a new parameter.
 <a href="#">CreatePermission</a>	Overridden. Creates a new permission using the specified permission state.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

## Explicit Interface Implementations

Name	Description
<a href="#">System.IServiceProvider.GetService</a>	

[Top](#)

See Also

## Reference

[MsDb2Factory Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory Fields

Public Fields

	Name	Description
 	<a href="#">Instance</a>	Specifies an instance of the MsDb2Factory.

See Also

Reference

[MsDb2Factory Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.Instance Field

Specifies an instance of the MsDb2Factory.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public static readonly MsDb2Factory Instance
```

C++

```
public:  
static initonly MsDb2Factory^ Instance
```

F#

```
static val Instance : MsDb2Factory
```

VB

```
Public Shared ReadOnly Instance As MsDb2Factory
```

## Field Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Factory](#)

See Also

[MsDb2Factory Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Factory Constructor

Initializes a new instance of the [MsDb2Factory](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2Factory ()
```

C++

```
public:  
MsDb2Factory ()
```

J#

```
public MsDb2Factory ()
```

JScript

```
public function MsDb2Factory ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**















[MsDb2Factory Class](#)

[MsDb2Factory Members](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateCommand</a>	Overridden. Creates a new command.
	<a href="#">CreateCommandBuilder</a>	Overridden. Creates a new command builder.
	<a href="#">CreateConnection</a>	Overridden. Creates a new connection.
	<a href="#">CreateConnectionStringBuilder</a>	Overridden. Creates a new connection string builder.
	<a href="#">CreateDataAdapter</a>	Overridden. Creates a new data adapter.
	<a href="#">CreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )
	<a href="#">CreateParameter</a>	Overridden. Creates a new parameter.
	<a href="#">CreatePermission</a>	Overridden. Creates a new permission using the specified permission state.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.IServiceProvider.GetService</a>	

See Also

## Reference

[MsDb2Factory Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateCommand Method

Creates a new command.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateCommand As DbCommand
```

C#

```
public override DbCommand CreateCommand ()
```

C++

```
public:  
virtual DbCommand^ CreateCommand () override
```

J#

```
public DbCommand CreateCommand ()
```

JScript

```
public override function CreateCommand () : DbCommand
```

## Return Value

A DbCommand object representing the new command.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateCommandBuilder Method

Creates a new command builder.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateCommandBuilder As DbCommandBuilder
```

C#

```
public override DbCommandBuilder CreateCommandBuilder ()
```

C++

```
public:  
virtual DbCommandBuilder^ CreateCommandBuilder () override
```

J#

```
public DbCommandBuilder CreateCommandBuilder ()
```

JScript

```
public override function CreateCommandBuilder () : DbCommandBuilder
```

## Return Value

A DbCommandBuilder representing the new command builder.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateConnection Method

Creates a new connection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateConnection As DbConnection
```

C#

```
public override DbConnection CreateConnection ()
```

C++

```
public:  
virtual DbConnection^ CreateConnection () override
```

J#

```
public DbConnection CreateConnection ()
```

JScript

```
public override function CreateConnection () : DbConnection
```

## Return Value

A dbConnection containing a new connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateConnectionStringBuilder Method

Creates a new connection string builder.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateConnectionStringBuilder As DbConnectionStringBuilder
```

C#

```
public override DbConnectionStringBuilder CreateConnectionStringBuilder ()
```

C++

```
public:
virtual DbConnectionStringBuilder^ CreateConnectionStringBuilder () override
```

J#

```
public DbConnectionStringBuilder CreateConnectionStringBuilder ()
```

JScript

```
public override function CreateConnectionStringBuilder () : DbConnectionStringBuilder
```

## Return Value

A DbConnectionStringBuilder containing a new connection string builder.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateDataAdapter Method

Creates a new data adapter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateDataAdapter As DbDataAdapter
```

C#

```
public override DbDataAdapter CreateDataAdapter ()
```

C++

```
public:  
virtual DbDataAdapter^ CreateDataAdapter () override
```

J#

```
public DbDataAdapter CreateDataAdapter ()
```

JScript

```
public override function CreateDataAdapter () : DbDataAdapter
```

## Return Value

A DbDataAdapter containing a new data adapter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.CreateParameter Method

Creates a new parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateParameter As DbParameter
```

C#

```
public override DbParameter CreateParameter ()
```

C++

```
public:  
virtual DbParameter^ CreateParameter () override
```

J#

```
public DbParameter CreateParameter ()
```

JScript

```
public override function CreateParameter () : DbParameter
```

## Return Value

A DbParameter containing a new parameter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Factory.CreatePermission Method

Creates a new permission using the specified permission state.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreatePermission ( _
    state As PermissionState _
) As CodeAccessPermission
```

C#

```
public override CodeAccessPermission CreatePermission (
    PermissionState state
)
```

C++

```
public:
virtual CodeAccessPermission^ CreatePermission (
    PermissionState state
) override
```

J#

```
public CodeAccessPermission CreatePermission (
    PermissionState state
)
```

JScript

```
public override function CreatePermission (
    state : PermissionState
) : CodeAccessPermission
```

## Parameters

state

The state to create the permission on.

## Return Value

A CodeAccessPermission containing the new permission state.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory.System.IServiceProvider.GetService Method

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
```

C#

C++

J#

JScript

## Parameters

serviceType

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[MsDb2Factory Class](#)

[MsDb2Factory Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Factory Properties

Public Properties

	Name	Description
	<a href="#">CanCreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )

See Also

Reference

- [MsDb2Factory Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkProperties Class

**Note: This API is now obsolete.**  
Represents abstract base class for defining network-specific connection properties to a DB2 host.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkProperties**  
[Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkPropertiesAPPC](#)  
[Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkPropertiesTCP](#)

Syntax  
C#

```
[ObsoleteAttribute("The MsDb2NetworkProperties class is obsolete. Use the Microsoft.HostInt  
egration.MsDb2Client.MsDb2ConnectionStringBuilder.")]  
public abstract class MsDb2NetworkProperties
```

C++

```
[ObsoleteAttribute("The MsDb2NetworkProperties class is obsolete. Use the Microsoft.HostInt  
egration.MsDb2Client.MsDb2ConnectionStringBuilder.")]  
public ref class MsDb2NetworkProperties abstract
```


F#

```
[<AbstractClass>]  
[<ObsoleteAttribute("The MsDb2NetworkProperties class is obsolete. Use the Microsoft.HostIn  
tegration.MsDb2Client.MsDb2ConnectionStringBuilder.")>]  
type MsDb2NetworkProperties = class end
```







VB

```
<ObsoleteAttribute("The MsDb2NetworkProperties class is obsolete. Use the Microsoft.HostInt  
egration.MsDb2Client.MsDb2ConnectionStringBuilder.")>  
Public MustInherit Class MsDb2NetworkProperties
```

Constructors

	Name	Description
	<a href="#">MsDb2NetworkProperties()</a>	Initializes a new instance of the <b>MsDb2NetworkProperties</b> class.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety  
Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2NetworkProperties Members

Represents abstract base class for defining network-specific connection properties to a DB2 host. **Obsolete.**







The following tables list the members exposed by the [MsDb2NetworkProperties](#) type.

Protected Constructors

Name	Description
<a href="#">MsDb2NetworkProperties</a>	Initializes a new instance of the <a href="#">MsDb2NetworkProperties</a> class.



[Top](#)

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

Reference

[MsDb2NetworkProperties Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkProperties Constructor

Initializes a new instance of the [MsDb2NetworkProperties](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Sub New
```

C#

```
protected MsDb2NetworkProperties ()
```

C++

```
protected:  
MsDb2NetworkProperties ()
```

J#

```
protected MsDb2NetworkProperties ()
```

JScript

```
protected function MsDb2NetworkProperties ()
```

Remarks

This constructor is called by derived class constructors to initialize state in this type.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[MsDb2NetworkProperties Class](#)

[MsDb2NetworkProperties Members](#)




[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkProperties Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [MsDb2NetworkProperties Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2NetworkPropertiesAPPC Class

**Note: This API is now obsolete.**

Defines the network-specific connection properties for connection to a DB2 host using the APPC protocol.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkProperties](#)

**Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkPropertiesAPPC**

Syntax

C#

```
[ObsoleteAttribute("The MsDb2NetworkPropertiesAPPC class is obsolete. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public sealed class MsDb2NetworkPropertiesAPPC : MsDb2NetworkProperties
```

C++

```
[ObsoleteAttribute("The MsDb2NetworkPropertiesAPPC class is obsolete. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")]
public ref class MsDb2NetworkPropertiesAPPC sealed : MsDb2NetworkProperties
```


F#

```
[<Sealed>]
[<ObsoleteAttribute("The MsDb2NetworkPropertiesAPPC class is obsolete. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")>]
type MsDb2NetworkPropertiesAPPC =
    class
        inherit MsDb2NetworkProperties
    end
```






VB

```
<ObsoleteAttribute("The MsDb2NetworkPropertiesAPPC class is obsolete. Use the Microsoft.HostIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")>
Public NotInheritable Class MsDb2NetworkPropertiesAPPC
    Inherits MsDb2NetworkProperties
```

Constructors





	Name	Description
	<a href="#">MsDb2NetworkPropertiesAPPC(String, String, String, String)</a>	Initializes a new instance of the <b>MsDb2NetworkPropertiesAPPC</b> class.

Properties

	Name	Description
	<a href="#">APPCMode</a>	Gets or sets the APPC mode to use.
	<a href="#">AppcSecurity</a>	Gets or sets the APPC security.
	<a href="#">LocalLU</a>	Gets or sets the local LU alias for an APPC connection type to the remote host computer.
	<a href="#">RemoteLU</a>	Gets or sets the remote LU alias for an APPC connection type to the remote host computer.
	<a href="#">TPName</a>	Gets or sets the default transaction program name for the DB2 host server.

Methods

	Name	Description
--	------	-------------

 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2NetworkPropertiesAPPC Members

Defines the network-specific connection properties for connection to a DB2 host using the APPC protocol. **Obsolete.**






The following tables list the members exposed by the [MsDb2NetworkPropertiesAPPC](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2NetworkPropertiesAPPC</a>	Initializes a new instance of the <a href="#">MsDb2NetworkPropertiesAPPC</a> class.






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## Public Properties

Name	Description
 <a href="#">APPCMode</a>	Gets or sets the APPC mode to use.
 <a href="#">AppcSecurity</a>	Gets or sets the APPC security.
 <a href="#">LocalLU</a>	Gets or sets the local LU alias for an APPC connection type to the remote host computer.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU alias for an APPC connection type to the remote host computer.
 <a href="#">TPName</a>	Gets or sets the default transaction program name for the DB2 host server.



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also

## Reference

[MsDb2NetworkPropertiesAPPC Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC Constructor

Initializes a new instance of the [MsDb2NetworkPropertiesAPPC](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    remoteLU As String, _
    localLU As String, _
    appcMode As String, _
    tpName As String _
)
```

C#

```
public MsDb2NetworkPropertiesAPPC (
    string remoteLU,
    string localLU,
    string appcMode,
    string tpName
)
```

C++

```
public:
    MsDb2NetworkPropertiesAPPC (
        String^ remoteLU,
        String^ localLU,
        String^ appcMode,
        String^ tpName
    )
```

J#

```
public MsDb2NetworkPropertiesAPPC (
    String remoteLU,
    String localLU,
    String appcMode,
    String tpName
)
```

JScript

```
public function MsDb2NetworkPropertiesAPPC (
    remoteLU : String,
    localLU : String,
    appcMode : String,
    tpName : String
)
```

## Parameters

remoteLU

Remote LU alias for an APPC connection type to the remote host computer.

localLU

Local LU alias for an APPC connection type to the remote host compute.

appcMode

The APPC mode to use.

tpName

Default transaction program name for the DB2 host server.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)




[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )






See Also

**Reference**

- [MsDb2NetworkPropertiesAPPC Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC Properties

## Public Properties

	Name	Description
	<a href="#">APPCMode</a>	Gets or sets the APPC mode to use.
	<a href="#">AppcSecurity</a>	Gets or sets the APPC security.
	<a href="#">LocalLU</a>	Gets or sets the local LU alias for an APPC connection type to the remote host computer.
	<a href="#">RemoteLU</a>	Gets or sets the remote LU alias for an APPC connection type to the remote host computer.
	<a href="#">TPName</a>	Gets or sets the default transaction program name for the DB2 host server.

See Also

### Reference

[MsDb2NetworkPropertiesAPPC Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC.APPCMode Property

Gets or sets the APPC mode to use.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property APPCMode As String
```

C#

```
public string APPCMode { get; set; }
```

C++

```
public:
property String^ APPCMode {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_APPCMode ()

/** @property */
public void set_APPCMode (String value)
```

JScript

```
public function get APPCMode () : String

public function set APPCMode (value : String)
```

## Property Value

The APPC mode to use.

Remarks

**Value**

The APPC mode to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2NetworkPropertiesAPPC.AppcSecurity Property

Gets or sets the APPC security.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Property AppcSecurity As AppcSecurity
```

C#

```
public AppcSecurity AppcSecurity { get; set; }
```

C++

```
public:  
property AppcSecurity AppcSecurity {  
    AppcSecurity get ();  
    void set (AppcSecurity value);  
}
```

J#

```
/** @property */  
public AppcSecurity get_AppcSecurity ()  
  
/** @property */  
public void set_AppcSecurity (AppcSecurity value)
```

JScript

```
public function get AppcSecurity () : AppcSecurity  
  
public function set AppcSecurity (value : AppcSecurity)
```

## Property Value

The APPC security.

Remarks

**Value**

The APPC Security to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC.LocalLU Property

Gets or sets the local LU alias for an APPC connection type to the remote host computer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LocalLU As String
```

C#

```
public string LocalLU { get; set; }
```

C++

```
public:
property String^ LocalLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalLU ()

/** @property */
public void set_LocalLU (String value)
```

JScript

```
public function get LocalLU () : String

public function set LocalLU (value : String)
```

## Property Value

The local LU alias for an APPC connection type to the remote host computer.

Remarks

**Value**

The local LU alias.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC.RemoteLU Property

Gets or sets the remote LU alias for an APPC connection type to the remote host computer.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteLU As String
```

C#

```
public string RemoteLU { get; set; }
```

C++

```
public:
property String^ RemoteLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteLU ()

/** @property */
public void set_RemoteLU (String value)
```

JScript

```
public function get RemoteLU () : String

public function set RemoteLU (value : String)
```

## Property Value

The remote LU alias for an APPC connection type to the remote host computer.

Remarks

**Value**

The remote LU.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesAPPC.TPName Property

Gets or sets the default transaction program name for the DB2 host server.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TPName As String
```

C#

```
public string TPName { get; set; }
```

C++

```
public:
property String^ TPName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TPName ()

/** @property */
public void set_TPName (String value)
```

JScript

```
public function get TPName () : String

public function set TPName (value : String)
```

## Property Value

The default transaction program name for the DB2 host server.

Remarks

**Value**

The default transaction program name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2NetworkPropertiesAPPC Class](#)

[MsDb2NetworkPropertiesAPPC Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesTCP Class

**Note: This API is now obsolete.**  
Defines the network-specific connection properties for connection to a DB2 host using the TCP protocol.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkProperties](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2NetworkPropertiesTCP**

Syntax  
C#

```
[ObsoleteAttribute("The MsDb2NetworkPropertiesTCP class is obsolete. Use the Microsoft.Host  
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")]  
public sealed class MsDb2NetworkPropertiesTCP : MsDb2NetworkProperties
```

C++

```
[ObsoleteAttribute("The MsDb2NetworkPropertiesTCP class is obsolete. Use the Microsoft.Host  
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")]  
public ref class MsDb2NetworkPropertiesTCP sealed : MsDb2NetworkProperties
```


F#

```
[<Sealed>]  
[<ObsoleteAttribute("The MsDb2NetworkPropertiesTCP class is obsolete. Use the Microsoft.Hos  
tIntegration.MsDb2Client.MsDb2ConnectionStringBuilder.")>]  
type MsDb2NetworkPropertiesTCP =  
    class  
        inherit MsDb2NetworkProperties  
    end
```



VB

```
<ObsoleteAttribute("The MsDb2NetworkPropertiesTCP class is obsolete. Use the Microsoft.Host  
Integration.MsDb2Client.MsDb2ConnectionStringBuilder.")>  
Public NotInheritable Class MsDb2NetworkPropertiesTCP  
    Inherits MsDb2NetworkProperties
```




Constructors


	Name	Description
	<a href="#">MsDb2NetworkPropertiesTCP(String, Int32)</a>	Initializes a new instance of the <b>MsDb2NetworkPropertiesTCP</b> class using the specified net address and port number.

Properties

	Name	Description
	<a href="#">NetAddress</a>	Gets or sets the network address of the host platform.
	<a href="#">Port</a>	Gets or sets the port number of the host platform.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)

 ToString()	(Inherited from <a href="#">Object.</a> )
--	---

Thread Safety  
Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.MsDb2Client Namespace](#)  
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# MsDb2NetworkPropertiesTCP Members

Defines the network-specific connection properties for connection to a DB2 host using the TCP protocol. **Obsolete.**



The following tables list the members exposed by the [MsDb2NetworkPropertiesTCP](#) type.

Public Constructors

Name	Description
<a href="#">MsDb2NetworkPropertiesTCP</a>	Initializes a new instance of the <a href="#">MsDb2NetworkPropertiesTCP</a> class using the specified net address and port number.






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Public Properties

Name	Description
 <a href="#">NetAddress</a>	Gets or sets the network address of the host platform.
 <a href="#">Port</a>	Gets or sets the port number of the host platform.



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Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

Reference

- [MsDb2NetworkPropertiesTCP Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesTCP Constructor

Initializes a new instance of the [MsDb2NetworkPropertiesTCP](#) class using the specified net address and port number.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    netAddress As String, _
    port As Integer _
)
```

C#

```
public MsDb2NetworkPropertiesTCP (
    string netAddress,
    int port
)
```

C++

```
public:
    MsDb2NetworkPropertiesTCP (
        String^ netAddress,
        int port
    )
```

J#

```
public MsDb2NetworkPropertiesTCP (
    String netAddress,
    int port
)
```

JScript

```
public function MsDb2NetworkPropertiesTCP (
    netAddress : String,
    port : int
)
```

## Parameters

netAddress

Network address of the host platform.

port

Port number of the host platform.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2NetworkPropertiesTCP Class](#)







[MsDb2NetworkPropertiesTCP Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)





# MsDb2NetworkPropertiesTCP Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )



See Also

**Reference**

- [MsDb2NetworkPropertiesTCP Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesTCP Properties

## Public Properties

	Name	Description
	<a href="#">NetAddress</a>	Gets or sets the network address of the host platform.
	<a href="#">Port</a>	Gets or sets the port number of the host platform.

See Also

## Reference

[MsDb2NetworkPropertiesTCP Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesTCP.NetAddress Property

Gets or sets the network address of the host platform.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NetAddress As String
```

C#

```
public string NetAddress { get; set; }
```

C++

```
public:
property String^ NetAddress {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetAddress ()

/** @property */
public void set_NetAddress (String value)
```

JScript

```
public function get NetAddress () : String

public function set NetAddress (value : String)
```

## Property Value

The network address of the host platform.

Remarks

**Value**

The network address of the host platform.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2NetworkPropertiesTCP Class](#)

[MsDb2NetworkPropertiesTCP Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2NetworkPropertiesTCP.Port Property

Gets or sets the port number of the host platform.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Port As Integer
```

C#

```
public int Port { get; set; }
```

C++

```
public:
property int Port {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Port ()

/** @property */
public void set_Port (int value)
```

JScript

```
public function get Port () : int

public function set Port (value : int)
```

## Property Value

The port number of the host platform.

Remarks

**Value**

The port number of the host platform.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2NetworkPropertiesTCP Class](#)

[MsDb2NetworkPropertiesTCP Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Class

Represents a placeholder for a parameter in an SQL command.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy

- [System.Object](#)
- [System.MarshalByRefObject](#)
- [System.Data.Common.DbParameter](#)
- Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter**

Syntax  
C#

```
public sealed class MsDb2Parameter : DbParameter, ICloneable,
    IDbDataParameter, IDataParameter
```

C++

```
public ref class MsDb2Parameter sealed : DbParameter, ICloneable,
    IDbDataParameter, IDataParameter
```

F#

```
[<Sealed>]
type MsDb2Parameter =
    class
        inherit DbParameter
        interface ICloneable
        interface IDbDataParameter
        interface IDataParameter
    end
```

VB

```
Public NotInheritable Class MsDb2Parameter
    Inherits DbParameter
    Implements ICloneable, IDbDataParameter, IDataParameter
```


Constructors












	Name	Description
	<a href="#">MsDb2Parameter()</a>	Initializes a new instance of the <b>MsDb2Parameter</b> class.

 <code>MsDb2Parameter(String, MsDb2Type)</code>	Initializes a new instance of the <b>MsDb2Parameter</b> class using the specified name and type.
 <code>MsDb2Parameter(String, MsDb2Type, Int32)</code>	Initializes a new instance of the <b>MsDb2Parameter</b> class using the specified parameter name, type, and size.
 <code>MsDb2Parameter(String, MsDb2Type, Int32, ParameterDirection, Boolean, Byte, Byte, String, DataRowVersion, Object)</code>	Initializes a new instance of the <b>MsDb2Parameter</b> class using the specified parameters.









 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)</a>	Initializes a new instance of the <b>MsDb2Parameter</b> class.
 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32, String)</a>	Initializes a new instance of the <b>MsDb2Parameter</b> class using the specified parameter name, type, size, and source column name.
 <a href="#">MsDb2Parameter(String, Object)</a>	Initializes a new instance of the <b>MsDb2Parameter</b> class using the specified name and value.

Properties


Name	Description
 <a href="#">DbType</a>	Gets or sets the parameter type(Overrides <a href="#">DbParameter.DbType</a> .)

 <a href="#">Direction</a>	Gets or sets the direction of the parameter.(Overrides <a href="#">DbParameter.Direction.</a> )
 <a href="#">IsNullable</a>	Gets or sets a value that indicates whether the parameter can be set to null or not.(Overrides <a href="#">DbParameter.IsNullable.</a> )
 <a href="#">MsDb2Type</a>	Gets or sets the MsDb2Type of the parameter.
 <a href="#">ParameterName</a>	Gets or sets the parameter name.(Overrides <a href="#">DbParameter.ParameterName.</a> )
 <a href="#">Precision</a>	Gets or sets the precision of the parameter.
 <a href="#">Scale</a>	Gets or sets the scale of the parameter.
 <a href="#">Size</a>	Gets or sets the size of the parameter.(Overrides <a href="#">DbParameter.Size.</a> )
 <a href="#">SourceColumn</a>	Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.(Overrides <a href="#">DbParameter.SourceColumn.</a> )
 <a href="#">SourceColumnNullMapping</a>	Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.(Overrides <a href="#">DbParameter.SourceColumnNullMapping.</a> )
 <a href="#">SourceVersion</a>	Gets or sets the DataRowVersion to use when loading Value.(Overrides <a href="#">DbParameter.SourceVersion.</a> )
 <a href="#">Value</a>	Gets or sets the value of the parameter, or the destination of an output parameter.(Overrides <a href="#">DbParameter.Value.</a> )

#### Methods

Name	Description
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject.</a> )
 <a href="#">ResetDbType()</a>	Resets the MsDb2Type property to its original settings.(Overrides <a href="#">DbParameter.ResetDbType().</a> )
 <a href="#">ToString()</a>	Returns a String that represents the current Object.(Overrides <a href="#">Object.ToString().</a> )

#### Explicit Interface Implementations

Name	Description
 <a href="#">ICloneable.Clone()</a>	

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Parameter Members

Represents a placeholder for a parameter in an SQL command.













The following tables list the members exposed by the [MsDb2Parameter](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2Parameter</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2Parameter</a> class.











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## Public Properties

Name	Description
 <a href="#">DbType</a>	Overridden. Gets or sets the parameter type
 <a href="#">Direction</a>	Overridden. Gets or sets the direction of the parameter.
 <a href="#">IsNullable</a>	Overridden. Gets or sets a value that indicates whether the parameter can be set to null or not.
 <a href="#">MsDb2Type</a>	Gets or sets the MsDb2Type of the parameter.
 <a href="#">ParameterName</a>	Overridden. Gets or sets the parameter name.
 <a href="#">Precision</a>	Gets or sets the precision of the parameter.
 <a href="#">Scale</a>	Gets or sets the scale of the parameter.
 <a href="#">Size</a>	Overridden. Gets or sets the size of the parameter.
 <a href="#">SourceColumn</a>	Overridden. Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.
 <a href="#">SourceColumnNullMapping</a>	Overridden. Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.
 <a href="#">SourceVersion</a>	Overridden. Gets or sets the DataRowVersion to use when loading Value.
 <a href="#">Value</a>	Overridden. Gets or sets the value of the parameter, or the destination of an output parameter.



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ResetDbType</a>	Overridden. Resets the MsDb2Type property to its original settings.
 <a href="#">ToString</a>	Overridden. Returns a String that represents the current Object.

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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## Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	
<a href="#">System.Data.IDbDataParameter.Precision</a>	(inherited from <a href="#">DbParameter</a> )
<a href="#">System.Data.IDbDataParameter.Scale</a>	(inherited from <a href="#">DbParameter</a> )

[Top](#)

See Also

## Reference

[MsDb2Parameter Class](#)







[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor

Initializes a new instance of the [MsDb2Parameter](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">MsDb2Parameter()</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class.
 <a href="#">MsDb2Parameter(String, MsDb2Type)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class using the specified name and type.
 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class using the specified parameter name, type, and size.
 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32, ParameterDirection, Boolean, Byte, Byte, String, DataRowVersion, Object)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class using the specified parameters.
 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class.
 <a href="#">MsDb2Parameter(String, MsDb2Type, Int32, String)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class using the specified parameter name, type, size, and source column name.
 <a href="#">MsDb2Parameter(String, Object)</a>	Initializes a new instance of the <a href="#">MsDb2Parameter</a> class using the specified name and value.

See Also  
[MsDb2Parameter Class](#)  
[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)  
**MsDb2Parameter Constructor ()**

Initializes a new instance of the [MsDb2Parameter](#) class.

Syntax  
C#

```
public MsDb2Parameter()
```

C++

```
public:  
MsDb2Parameter()
```

F#

```
new : unit -> MsDb2Parameter
```

VB

```
Public Sub New
```

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#### **MsDb2Parameter Constructor (String, MsDb2Type)**

Initializes a new instance of the [MsDb2Parameter](#) class using the specified name and type.

Syntax

C#

```
public MsDb2Parameter(  
    string name,  
    MsDb2Type msDb2Type  
)
```

C++

```
public:  
MsDb2Parameter(  
    String^ name,  
    MsDb2Type msDb2Type  
)
```

F#

```
new :  
    name:string *  
    msDb2Type:MsDb2Type -> MsDb2Parameter
```

VB

```
Public Sub New (  
    name As String,  
    msDb2Type As MsDb2Type  
)
```

#### **Parameters**

*name*

Type: [System.String](#)

The name of the parameter to map.

*msDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

Remarks

The data type, and if appropriate, Size and Precision are inferred from the value of the Type parameter.

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#### **MsDb2Parameter Constructor (String, MsDb2Type, Int32)**

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameter name, type, and size.

Syntax

C#

```
public MsDb2Parameter(  
    string name,
```

```
    MsDb2Type msDb2Type,  
    int size  
)
```

C++

```
public:  
    MsDb2Parameter(  
        String^ name,  
        MsDb2Type msDb2Type,  
        int size  
    )
```

F#

```
new :  
    name:string *  
    msDb2Type:MsDb2Type *  
    size:int -> MsDb2Parameter
```

VB

```
Public Sub New (  
    name As String,  
    msDb2Type As MsDb2Type,  
    size As Integer  
)
```

#### Parameters

*name*

Type: [System.String](#)

The name of the parameter to map.

*msDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

*size*

Type: [System.Int32](#)

The width of the parameter.

Remarks

The Size is inferred from the value of the dataType parameter if it is not explicitly set in the size parameter.

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**MsDb2Parameter Constructor (String, MsDb2Type, Int32, ParameterDirection, Boolean, Byte, Byte, String, DataRowVersion, Object)**

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameters.

Syntax

C#

```
public MsDb2Parameter(  
    string name,  
    MsDb2Type msDb2Type,  
    int size,  
    ParameterDirection direction,  
    bool isNullable,  
    byte precision,  
    byte scale,  
    string srcColumn,  
    DataRowVersion srcVersion,  
    object value  
)
```

C++

```
public:  
    MsDb2Parameter(  
        String^ name,  
        MsDb2Type msDb2Type,  
        int size,
```

```

ParameterDirection direction,
bool isNullable,
unsigned char precision,
unsigned char scale,
String^ srcColumn,
DataRowVersion srcVersion,
Object^ value
)

```

F#

```

new :
    name:string *
    msDb2Type:MsDb2Type *
    size:int *
    direction:ParameterDirection *
    isNullable:bool *
    precision:byte *
    scale:byte *
    srcColumn:string *
    srcVersion:DataRowVersion *
    value:Object -> MsDb2Parameter

```

VB

```

Public Sub New (
    name As String,
    msDb2Type As MsDb2Type,
    size As Integer,
    direction As ParameterDirection,
    isNullable As Boolean,
    precision As Byte,
    scale As Byte,
    srcColumn As String,
    srcVersion As DataRowVersion,
    value As Object
)

```

## Parameters

*name*

Type: [System.String](#)  
The name of the parameter to map.

*msDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)  
One of the MsDb2Type values.

*size*

Type: [System.Int32](#)  
The width of the parameter.

*direction*

Type: [System.Data.ParameterDirection](#)  
One of the ParameterDirection values.

*isNullable*

Type: [System.Boolean](#)  
**true** if the value of the field can be **null**; otherwise, **false**.

*precision*

Type: [System.Byte](#)  
The total number of digits to the left and right of the decimal point to which Value is resolved

*scale*

Type: [System.Byte](#)  
The total number of decimal places to which Value is resolved

*srcColumn*

Type: [System.String](#)  
The name of the source column.

*srcVersion*

Type: [System.Data.DataRowVersion](#)

One of the DataRowVersion values.

*value*

Type: [System.Object](#)

An Object that is the value of the MsDb2Parameter.

Remarks

The Size and Precision are inferred from the value of the dataType parameter if they are not explicitly set in the size and precision parameters

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**MsDb2Parameter Constructor (String, MsDb2Type, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)**

Initializes a new instance of the [MsDb2Parameter](#) class.

Syntax

C#

```
public MsDb2Parameter(  
    string name,  
    MsDb2Type msDb2Type,  
    int size,  
    ParameterDirection direction,  
    string sourceColumn,  
    DataRowVersion sourceVersion,  
    bool sourceColumnNullMapping,  
    object value  
)
```

C++

```
public:  
MsDb2Parameter(  
    String^ name,  
    MsDb2Type msDb2Type,  
    int size,  
    ParameterDirection direction,  
    String^ sourceColumn,  
    DataRowVersion sourceVersion,  
    bool sourceColumnNullMapping,  
    Object^ value  
)
```

F#

```
new :  
    name:string *  
    msDb2Type:MsDb2Type *  
    size:int *  
    direction:ParameterDirection *  
    sourceColumn:string *  
    sourceVersion:DataRowVersion *  
    sourceColumnNullMapping:bool *  
    value:Object -> MsDb2Parameter
```

VB

```
Public Sub New (  
    name As String,  
    msDb2Type As MsDb2Type,  
    size As Integer,  
    direction As ParameterDirection,  
    sourceColumn As String,  
    sourceVersion As DataRowVersion,  
    sourceColumnNullMapping As Boolean,  
    value As Object  
)
```

**Parameters**

*name*

Type: [System.String](#)

The name of the parameter to map.

*msDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

*size*

Type: [System.Int32](#)

The width of the parameter.

*direction*

Type: [System.Data.ParameterDirection](#)

One of the ParameterDirection values.

*sourceColumn*

Type: [System.String](#)

The name of the source column.

*sourceVersion*

Type: [System.Data.DataRowVersion](#)

One of the DataRowVersion values.

*sourceColumnNullMapping*

Type: [System.Boolean](#)

**true** if the value of the column can be **null**; otherwise, **false**.

*value*

Type: [System.Object](#)

An Object that is the value of the MsDb2Parameter.

Remarks

The Size and Precision are inferred from the value of the dataType parameter if they are not explicitly set in the size and precision parameters

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**MsDb2Parameter Constructor (String, MsDb2Type, Int32, String)**

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameter name, type, size, and source column name.

Syntax

C#

```
public MsDb2Parameter(  
    string name,  
    MsDb2Type msDb2Type,  
    int size,  
    string srcColumn  
)
```

C++

```
public:  
    MsDb2Parameter(  
        String^ name,  
        MsDb2Type msDb2Type,  
        int size,  
        String^ srcColumn  
    )
```

F#

```
new :  
    name:string *  
    msDb2Type:MsDb2Type *  
    size:int *  
    srcColumn:string -> MsDb2Parameter
```

VB

```
Public Sub New (  
    name As String,  
    msDb2Type As MsDb2Type,  
    size As Integer,  
    srcColumn As String  
)
```

## Parameters

*name*

Type: [System.String](#)

The name of the parameter to map.

*msDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

*size*

Type: [System.Int32](#)

The width of the parameter.

*srcColumn*

Type: [System.String](#)

The name of the source column.

Remarks

The Size is inferred from the value of type if not explicitly set in size.

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## MsDb2Parameter Constructor (String, Object)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified name and value.

Syntax

C#

```
public MsDb2Parameter(  
    string name,  
    object value  
)
```

C++

```
public:  
MsDb2Parameter(  
    String^ name,  
    Object^ value  
)
```

F#

```
new :  
    name:string *  
    value:Object -> MsDb2Parameter
```

VB

```
Public Sub New (  
    name As String,  
    value As Object  
)
```

## Parameters

*name*

Type: [System.String](#)

The name of the parameter to map.

*value*

Type: [System.Object](#)

The value of the new MsDb2Parameter object.

Remarks

When you specify an Object in the value parameter, the MsDb2Type is inferred from the .NET Framework type of the Object.

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# MsDb2Parameter Constructor ()

Initializes a new instance of the [MsDb2Parameter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2Parameter ()
```

C++

```
public:  
MsDb2Parameter ()
```

J#

```
public MsDb2Parameter ()
```

JScript

```
public function MsDb2Parameter ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, MsDb2Type)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified name and type.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    msDb2Type As MsDb2Type _
)
```

C#

```
public MsDb2Parameter (
    string name,
    MsDb2Type msDb2Type
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        MsDb2Type msDb2Type
    )
```

J#

```
public MsDb2Parameter (
    String name,
    MsDb2Type msDb2Type
)
```

JScript

```
public function MsDb2Parameter (
    name : String,
    msDb2Type : MsDb2Type
)
```

## Parameters

name

The name of the parameter to map.

msDb2Type

One of the MsDb2Type values.

Remarks

The data type, and if appropriate, Size and Precision are inferred from the value of the Type parameter.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, Object)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified name and value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    value As Object _
)
```

C#

```
public MsDb2Parameter (
    string name,
    Object value
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        Object^ value
    )
```

J#

```
public MsDb2Parameter (
    String name,
    Object value
)
```

JScript

```
public function MsDb2Parameter (
    name : String,
    value : Object
)
```

## Parameters

name

The name of the parameter to map.

value

The value of the new MsDb2Parameter object.

Remarks

When you specify an Object in the value parameter, the MsDb2Type is inferred from the .NET Framework type of the Object.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, MsDb2Type, Int32)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameter name, type, and size.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    msDb2Type As MsDb2Type, _
    size As Integer _
)
```

C#

```
public MsDb2Parameter (
    string name,
    MsDb2Type msDb2Type,
    int size
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        MsDb2Type msDb2Type,
        int size
    )
```

J#

```
public MsDb2Parameter (
    String name,
    MsDb2Type msDb2Type,
    int size
)
```

JScript

```
public function MsDb2Parameter (
    name : String,
    msDb2Type : MsDb2Type,
    size : int
)
```

## Parameters

name

The name of the parameter to map.

msDb2Type

One of the MsDb2Type values.

size

The width of the parameter.

Remarks

The Size is inferred from the value of the dataType parameter if it is not explicitly set in the size parameter.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, MsDb2Type, Int32, String)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameter name, type, size, and source column name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    msDb2Type As MsDb2Type, _
    size As Integer, _
    srcColumn As String _
)
```

C#

```
public MsDb2Parameter (
    string name,
    MsDb2Type msDb2Type,
    int size,
    string srcColumn
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        MsDb2Type msDb2Type,
        int size,
        String^ srcColumn
    )
```

J#

```
public MsDb2Parameter (
    String name,
    MsDb2Type msDb2Type,
    int size,
    String srcColumn
)
```

JScript

```
public function MsDb2Parameter (
    name : String,
    msDb2Type : MsDb2Type,
    size : int,
    srcColumn : String
)
```

## Parameters

name

The name of the parameter to map.

msDb2Type



One of the MsDb2Type values.

size

The width of the parameter.

srcColumn

The name of the source column.

Remarks

The Size is inferred from the value of type if not explicitly set in size.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, MsDb2Type, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)

Initializes a new instance of the [MsDb2Parameter](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    msDb2Type As MsDb2Type, _
    size As Integer, _
    direction As ParameterDirection, _
    sourceColumn As String, _
    sourceVersion As DataRowVersion, _
    sourceColumnNullMapping As Boolean, _
    value As Object _
)
```

C#

```
public MsDb2Parameter (
    string name,
    MsDb2Type msDb2Type,
    int size,
    ParameterDirection direction,
    string sourceColumn,
    DataRowVersion sourceVersion,
    bool sourceColumnNullMapping,
    Object value
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        MsDb2Type msDb2Type,
        int size,
        ParameterDirection direction,
        String^ sourceColumn,
        DataRowVersion sourceVersion,
        bool sourceColumnNullMapping,
        Object^ value
    )
```

J#

```
public MsDb2Parameter (
    String name,
    MsDb2Type msDb2Type,
    int size,
    ParameterDirection direction,
    String sourceColumn,
    DataRowVersion sourceVersion,
    boolean sourceColumnNullMapping,
    Object value
)
```

JScript

```
public function MsDb2Parameter (  
    name : String,  
    msDb2Type : MsDb2Type,  
    size : int,  
    direction : ParameterDirection,  
    sourceColumn : String,  
    sourceVersion : DataRowVersion,  
    sourceColumnNullMapping : boolean,  
    value : Object  
)
```

#### Parameters

name

The name of the parameter to map.

msDb2Type

One of the MsDb2Type values.

size

The width of the parameter.

direction

One of the ParameterDirection values.

sourceColumn

The name of the source column.

sourceVersion

One of the DataRowVersion values.

sourceColumnNullMapping

**true** if the value of the column can be **null**; otherwise, **false**.

value

An Object that is the value of the MsDb2Parameter.

Remarks

The Size and Precision are inferred from the value of the dataType parameter if they are not explicitly set in the size and precision parameters

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Constructor (String, MsDb2Type, Int32, ParameterDirection, Boolean, Byte, Byte, String, DataRowVersion, Object)

Initializes a new instance of the [MsDb2Parameter](#) class using the specified parameters.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    msDb2Type As MsDb2Type, _
    size As Integer, _
    direction As ParameterDirection, _
    isNullable As Boolean, _
    precision As Byte, _
    scale As Byte, _
    srcColumn As String, _
    srcVersion As DataRowVersion, _
    value As Object _
)
```

C#

```
public MsDb2Parameter (
    string name,
    MsDb2Type msDb2Type,
    int size,
    ParameterDirection direction,
    bool isNullable,
    byte precision,
    byte scale,
    string srcColumn,
    DataRowVersion srcVersion,
    Object value
)
```

C++

```
public:
    MsDb2Parameter (
        String^ name,
        MsDb2Type msDb2Type,
        int size,
        ParameterDirection direction,
        bool isNullable,
        unsigned char precision,
        unsigned char scale,
        String^ srcColumn,
        DataRowVersion srcVersion,
        Object^ value
    )
```

J#

```
public MsDb2Parameter (
    String name,
    MsDb2Type msDb2Type,
    int size,
```

```
ParameterDirection direction,  
boolean isNullable,  
byte precision,  
byte scale,  
String srcColumn,  
DataRowVersion srcVersion,  
Object value  
)
```

## JScript

```
public function MsDb2Parameter (  
    name : String,  
    msDb2Type : MsDb2Type,  
    size : int,  
    direction : ParameterDirection,  
    isNullable : boolean,  
    precision : byte,  
    scale : byte,  
    srcColumn : String,  
    srcVersion : DataRowVersion,  
    value : Object  
)
```

## Parameters

### name

The name of the parameter to map.

### msDb2Type

One of the MsDb2Type values.

### size

The width of the parameter.

### direction

One of the ParameterDirection values.

### isNullable

**true** if the value of the field can be **null**; otherwise, **false**.

### precision

The total number of digits to the left and right of the decimal point to which Value is resolved

### scale

The total number of decimal places to which Value is resolved

### srcColumn

The name of the source column.

### srcVersion

One of the DataRowVersion values.

### value

An Object that is the value of the MsDb2Parameter.

## Remarks

The Size and Precision are inferred from the value of the dataType parameter if they are not explicitly set in the size and precision parameters

## Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**











[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ResetDbType</a>	Overridden. Resets the MsDb2Type property to its original settings.
	<a href="#">ToString</a>	Overridden. Returns a String that represents the current Object.

Protected Methods

	Name	Description
 	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	

See Also

**Reference**

[MsDb2Parameter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.ResetDbType Method

Resets the MsDb2Type property to its original settings.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub ResetDbType
```

C#

```
public override void ResetDbType ()
```

C++

```
public:  
virtual void ResetDbType () override
```

J#

```
public void ResetDbType ()
```

JScript

```
public override function ResetDbType ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Parameter.System.ICloneable.Clone Method

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
```

C#

C++

J#

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.ToString Method

Returns a String that represents the current Object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

A String that represents the current Object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference













[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter Properties

## Public Properties

	Name	Description
	<a href="#">DbType</a>	Overridden. Gets or sets the parameter type
	<a href="#">Direction</a>	Overridden. Gets or sets the direction of the parameter.
	<a href="#">IsNullable</a>	Overridden. Gets or sets a value that indicates whether the parameter can be set to null or not.
	<a href="#">MsDb2Type</a>	Gets or sets the MsDb2Type of the parameter.
	<a href="#">ParameterName</a>	Overridden. Gets or sets the parameter name.
	<a href="#">Precision</a>	Gets or sets the precision of the parameter.
	<a href="#">Scale</a>	Gets or sets the scale of the parameter.
	<a href="#">Size</a>	Overridden. Gets or sets the size of the parameter.
	<a href="#">SourceColumn</a>	Overridden. Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.
	<a href="#">SourceColumnNullMapping</a>	Overridden. Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.
	<a href="#">SourceVersion</a>	Overridden. Gets or sets the DataRowVersion to use when loading Value.
	<a href="#">Value</a>	Overridden. Gets or sets the value of the parameter, or the destination of an output parameter.

## Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbDataParameter.Precision</a>	(inherited from <a href="#">DbParameter</a> )
<a href="#">System.Data.IDbDataParameter.Scale</a>	(inherited from <a href="#">DbParameter</a> )

See Also

### Reference

[MsDb2Parameter Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.DbType Property

Gets or sets the parameter type

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property DbType As DbType
```

C#

```
public override DbType DbType { get; set; }
```

C++

```
public:
virtual property DbType DbType {
    DbType get () override;
    void set (DbType value) override;
}
```

J#

```
/** @property */
public DbType get_DbType ()

/** @property */
public void set_DbType (DbType value)
```

JScript

```
public override function get DbType () : DbType

public override function set DbType (value : DbType)
```

## Property Value

DbType containing the parameter type. The default is string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.Direction Property

Gets or sets the direction of the parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Direction As ParameterDirection
```

C#

```
public override ParameterDirection Direction { get; set; }
```

C++

```
public:
virtual property ParameterDirection Direction {
    ParameterDirection get () override;
    void set (ParameterDirection value) override;
}
```

J#

```
/** @property */
public ParameterDirection get_Direction ()

/** @property */
public void set_Direction (ParameterDirection value)
```

JScript

```
public override function get Direction () : ParameterDirection

public override function set Direction (value : ParameterDirection)
```

## Property Value

ParameterDirection containing the direction of the parameter. The default value is Input.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.IsNullable Property

Gets or sets a value that indicates whether the parameter can be set to null or not.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property IsNullable As Boolean
```

C#

```
public override bool IsNullable { get; set; }
```

C++

```
public:
virtual property bool IsNullable {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_IsNullable ()

/** @property */
public void set_IsNullable (boolean value)
```

JScript

```
public override function get IsNullable () : boolean

public override function set IsNullable (value : boolean)
```

## Property Value

**True** if null values are accepted; otherwise, **false**. The default is **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.MsDb2Type Property

Gets or sets the MsDb2Type of the parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsDb2Type As MsDb2Type
```

C#

```
public MsDb2Type MsDb2Type { get; set; }
```

C++

```
public:
property MsDb2Type MsDb2Type {
    MsDb2Type get ();
    void set (MsDb2Type value);
}
```

J#

```
/** @property */
public MsDb2Type get_MsDb2Type ()

/** @property */
public void set_MsDb2Type (MsDb2Type value)
```

JScript

```
public function get MsDb2Type () : MsDb2Type

public function set MsDb2Type (value : MsDb2Type)
```

## Property Value

The MsDb2Type of the parameter. The default is VarWChar.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.ParameterName Property

Gets or sets the parameter name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property ParameterName As String
```

C#

```
public override string ParameterName { get; set; }
```

C++

```
public:
virtual property String^ ParameterName {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_ParameterName ()

/** @property */
public void set_ParameterName (String value)
```

JScript

```
public override function get ParameterName () : String

public override function set ParameterName (value : String)
```

## Property Value

String containing the parameter name. The default value is an empty string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Parameter.Precision Property

Gets or sets the precision of the parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Precision As Byte
```

C#

```
public byte Precision { get; set; }
```

C++

```
public:
virtual property unsigned char Precision {
    unsigned char get () sealed;
    void set (unsigned char value) sealed;
}
```

J#

```
/** @property */
public final byte get_Precision ()

/** @property */
public final void set_Precision (byte value)
```

JScript

```
public final function get Precision () : byte

public final function set Precision (value : byte)
```

## Property Value

The maximum number of digits used to represent the Value property. The default value is 0.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.Scale Property

Gets or sets the scale of the parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Scale As Byte
```

C#

```
public byte Scale { get; set; }
```

C++

```
public:
virtual property unsigned char Scale {
    unsigned char get () sealed;
    void set (unsigned char value) sealed;
}
```

J#

```
/** @property */
public final byte get_Scale ()

/** @property */
public final void set_Scale (byte value)
```

JScript

```
public final function get Scale () : byte

public final function set Scale (value : byte)
```

## Property Value

The number of decimal places to which Value is resolved. The default is 0.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.Size Property

Gets or sets the size of the parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Size As Integer
```

C#

```
public override int Size { get; set; }
```

C++

```
public:
virtual property int Size {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_Size ()

/** @property */
public void set_Size (int value)
```

JScript

```
public override function get Size () : int

public override function set Size (value : int)
```

## Property Value

The maximum size, in bytes, of the data within the column. The default value is inferred from the parameter value.

Remarks

Size is used for all types of parameters.

For variable length data types, the Size property describes the maximum amount of data to transmit to the server. For example, the Size property can be used to limit the amount of data sent to the server for a string value to the first one hundred bytes.

For nonstring data types and ANSI string data, the Size property refers to the number of bytes. For Unicode string data, the Size property refers to the number of characters. The count for strings does not include the terminating character.

If not explicitly set, the size is inferred from the actual size of the specified parameter value. For fixed width data types, the value of Size is ignored. It can be retrieved for informational purposes, and returns the maximum amount of bytes the provider uses when transmitting the value of the parameter to the server.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.SourceColumn Property

Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property SourceColumn As String
```

C#

```
public override string SourceColumn { get; set; }
```

C++

```
public:
virtual property String^ SourceColumn {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_SourceColumn ()

/** @property */
public void set_SourceColumn (String value)
```

JScript

```
public override function get SourceColumn () : String

public override function set SourceColumn (value : String)
```

## Property Value

The name of the source column mapped to the DataSet and used for loading or returning the Value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.SourceColumnNullMapping Property

Gets or sets the name of the source column mapped to the DataSet and used for loading or returning the Value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property SourceColumnNullMapping As Boolean
```

C#

```
public override bool SourceColumnNullMapping { get; set; }
```

C++

```
public:
virtual property bool SourceColumnNullMapping {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_SourceColumnNullMapping ()

/** @property */
public void set_SourceColumnNullMapping (boolean value)
```

JScript

```
public override function get SourceColumnNullMapping () : boolean

public override function set SourceColumnNullMapping (value : boolean)
```

## Property Value

The name of the source column mapped to the DataSet. The default is an empty string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.SourceVersion Property

Gets or sets the DataRowVersion to use when loading Value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property SourceVersion As DataRowVersion
```

C#

```
public override DataRowVersion SourceVersion { get; set; }
```

C++

```
public:
virtual property DataRowVersion SourceVersion {
    DataRowVersion get () override;
    void set (DataRowVersion value) override;
}
```

J#

```
/** @property */
public DataRowVersion get_SourceVersion ()

/** @property */
public void set_SourceVersion (DataRowVersion value)
```

JScript

```
public override function get SourceVersion () : DataRowVersion

public override function set SourceVersion (value : DataRowVersion)
```

## Property Value

One of the DataRowVersion values.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Parameter.Value Property

Gets or sets the value of the parameter, or the destination of an output parameter.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Value As Object
```

C#

```
public override Object Value { get; set; }
```

C++

```
public:
virtual property Object^ Value {
    Object^ get () override;
    void set (Object^ value) override;
}
```

J#

```
/** @property */
public Object get_Value ()

/** @property */
public void set_Value (Object value)
```

JScript

```
public override function get Value () : Object

public override function set Value (value : Object)
```

## Property Value

The value of the parameter, or the destination of an output parameter. The default value is **null**.

Remarks

For input parameters, the value is bound to the MsDb2Command that is sent to the server. For output and return value parameters, the value is set on completion of the MsDb2Command and after the MsDb2DataReader is closed.

When sending a null parameter value to the server, the user must specify DBNull, not null. The null value in the system is an empty object that has no value. DBNull is used to represent null values.

If the application specifies the database type, the bound value is converted to that type when the provider sends the data to the server. The provider attempts to convert any type of value if it supports the IConvertible interface. Conversion errors may result if the specified type is not compatible with the value.

Both the DbType and MsDb2Type properties can be inferred by setting the Value.

## Exceptions

Exception Type	Condition
BadOutputParameter()	The parameter is output and is not specified

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not



guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Parameter Class](#)

[MsDb2Parameter Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection Class

Represents a strongly typed collection of MsDb2Parameters.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.Data.Common.DbParameterCollection](#)

**Microsoft.HostIntegration.MsDb2Client.MsDb2ParameterCollection**

Syntax

C#

```
public sealed class MsDb2ParameterCollection : DbParameterCollection
```

C++

```
public ref class MsDb2ParameterCollection sealed : DbParameterCollection
```








F#

```
[<Sealed>]  
type MsDb2ParameterCollection =  
    class  
        inherit DbParameterCollection  
    end
```



VB

























```
Public NotInheritable Class MsDb2ParameterCollection  
    Inherits DbParameterCollection
```





Properties

	Name	Description
	<a href="#">Count</a>	Gets the number of MsDb2Parameter objects in the collection. (Overrides <a href="#">DbParameterCollection.Count</a> .)
	<a href="#">IsFixedSize</a>	Gets a value that indicates whether the collection is a fixed size.(Overrides <a href="#">DbParameterCollection.IsFixedSize</a> .)
	<a href="#">IsReadOnly</a>	Gets a value that indicates whether the collection is read-only.(Overrides <a href="#">DbParameterCollection.IsReadOnly</a> .)
	<a href="#">IsSynchronized</a>	Gets a value that indicates whether the collection is synchronized.(Overrides <a href="#">DbParameterCollection.IsSynchronized</a> .)
	<a href="#">Item(Int32)</a>	Gets or sets an MsDb2Parameter in the specified index.
	<a href="#">Item(String)</a>	Gets or sets the DbParameter with the specified name.
	<a href="#">SyncRoot</a>	Gets the object to be used to synchronize access to the collection.(Overrides <a href="#">DbParameterCollection.SyncRoot</a> .)

Methods

	Name	Description
	<a href="#">Add(MsDb2Parameter)</a>	Adds the specified MsDb2Parameter to the MsDb2ParameterCollection.
	<a href="#">Add(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)

 <a href="#">Add(String, MsDb2Type)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name and data type.
 <a href="#">Add(String, MsDb2Type, Int32)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, and column width.
 <a href="#">Add(String, MsDb2Type, Int32, String)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, column width, and source column name.
 <a href="#">AddRange(Array)</a>	Adds an array of items with the specified values to the MsDb2ParameterCollection.(Overrides <a href="#">DbParameterCollection.AddRange(Array)</a> .)
 <a href="#">AddRange(MsDb2Parameter[])</a>	Adds an array of MsDb2Parameter items with the specified values to the MsDb2ParameterCollection.
 <a href="#">AddWithValue(String, Object)</a>	Adds the specified value to the MsDb2ParameterCollection using the specified parameter name.
 <a href="#">Clear()</a>	Removes all items from the collection.(Overrides <a href="#">DbParameterCollection.Clear()</a> .)
 <a href="#">Contains(MsDb2Parameter)</a>	Indicates whether the MsDbParameter with the specified property exists in the collection.
 <a href="#">Contains(Object)</a>	Indicates whether a parameter exists in the collection, based on its name.(Overrides <a href="#">DbParameterCollection.Contains(Object)</a> .)
 <a href="#">Contains(String)</a>	Indicates whether an MsDb2Parameter with the specified parameter name exists in the collection.(Overrides <a href="#">DbParameterCollection.Contains(String)</a> .)
 <a href="#">CopyTo(Array, Int32)</a>	Copies MsDb2Parameter objects from the MsDb2ParameterCollection to the specified array.(Overrides <a href="#">DbParameterCollection.CopyTo(Array, Int32)</a> .)
 <a href="#">CopyTo(MsDb2Parameter[], Int32)</a>	Copies an array of items to the collection starting at the specified index.
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetEnumerator()</a>	Exposes the GetEnumerator method, which supports a simple iteration over a collection by a .NET Framework data provider. (Overrides <a href="#">DbParameterCollection.GetEnumerator()</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">IndexOf(MsDb2Parameter)</a>	Returns the index of the specified MsDb2Parameter object.
 <a href="#">IndexOf(Object)</a>	Returns the location of the MsDb2Parameter in the collection. (Overrides <a href="#">DbParameterCollection.IndexOf(Object)</a> .)
 <a href="#">IndexOf(String)</a>	Returns the location of the MsDb2Parameter in the collection with the specified parameter name. (Overrides <a href="#">DbParameterCollection.IndexOf(String)</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Insert(Int32, MsDb2Parameter)</a>	Inserts an MsDb2Parameter into the collection at the specified index.
 <a href="#">Insert(Int32, Object)</a>	Inserts an MsDb2Parameter into the collection at the specified index.(Overrides <a href="#">DbParameterCollection.Insert(Int32, Object)</a> .)
<a href="#">Remove(MsDb2Parameter)</a>	Removes the specified MsDb2Parameter from the collection.

 <a href="#">Remove(Object)</a>	Removes the specified MsDb2Parameter from the collection.(Overrides <a href="#">DbParameterCollection.Remove(Object).</a> )
 <a href="#">RemoveAt(Int32)</a>	Removes the MsDb2Parameter at the specified index from the collection.(Overrides <a href="#">DbParameterCollection.RemoveAt(Int32).</a> )
 <a href="#">RemoveAt(String)</a>	Removes the MsDb2Parameter at the specified name from the collection.(Overrides <a href="#">DbParameterCollection.RemoveAt(String).</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )

#### Remarks

The number of parameters in the collection must be equal to the number of parameter placeholders within the command text, or the MsDb2 .NET Framework data provider might raise an error.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)







[Return to top](#)

# MsDb2ParameterCollection Members

Represents a strongly typed collection of MsDb2Parameters.




















The following tables list the members exposed by the [MsDb2ParameterCollection](#) type.

## Public Properties

	Name	Description
	<a href="#">Count</a>	Overridden. Gets the number of MsDb2Parameter objects in the collection.
	<a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the collection is a fixed size.
	<a href="#">IsReadOnly</a>	Overridden. Gets a value that indicates whether the collection is read-only.
	<a href="#">IsSynchronized</a>	Overridden. Gets a value that indicates whether the collection is synchronized.
	<a href="#">Item</a>	Overloaded. Gets or sets an MsDb2Parameter in the collection.
	<a href="#">SyncRoot</a>	Overridden. Gets the object to be used to synchronize access to the collection.





## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Overloaded. Adds a DbParameter item with the specified value to the MsDb2ParameterCollection.
	<a href="#">AddRange</a>	Overloaded. Overridden. Adds an array of items with the specified values to the MsDb2ParameterCollection.
	<a href="#">AddWithValue</a>	Adds the specified value to the MsDb2ParameterCollection using the specified parameter name.
	<a href="#">Clear</a>	Overridden. Removes all items from the collection.
	<a href="#">Contains</a>	Overloaded.
	<a href="#">CopyTo</a>	Overloaded. Overridden. Copies an array of items to the collection starting at the specified index.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Overridden. Exposes the GetEnumerator method, which supports a simple iteration over a collection by a .NET Framework data provider.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IndexOf</a>	Overloaded.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Insert</a>	Overloaded. Inserts an MsDb2Parameter into the collection at the specified index.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overloaded. Removes the specified DbParameter object from the collection.
	<a href="#">RemoveAt</a>	Overloaded. Overridden. Removes the MsDb2Parameter at the specified index from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetParameter</a>	Overloaded. (inherited from <a href="#">DbParameterCollection</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetParameter</a>	Overloaded. (inherited from <a href="#">DbParameterCollection</a> )

## Top

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Collections.IList.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )
	<a href="#">System.Data.IDataParameterCollection.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )

## Top

See Also





















**Reference**

[MsDb2ParameterCollection Class](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Overloaded. Adds a DbParameter item with the specified value to the MsDb2ParameterCollection.
	<a href="#">AddRange</a>	Overloaded. Overridden. Adds an array of items with the specified values to the MsDb2ParameterCollection.
	<a href="#">AddWithValue</a>	Adds the specified value to the MsDb2ParameterCollection using the specified parameter name.
	<a href="#">Clear</a>	Overridden. Removes all items from the collection.
	<a href="#">Contains</a>	Overloaded.
	<a href="#">CopyTo</a>	Overloaded. Overridden. Copies an array of items to the collection starting at the specified index.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Overridden. Exposes the GetEnumerator method, which supports a simple iteration over a collection by a .NET Framework data provider.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IndexOf</a>	Overloaded.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Insert</a>	Overloaded. Inserts an MsDb2Parameter into the collection at the specified index.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overloaded. Removes the specified DbParameter object from the collection.
	<a href="#">RemoveAt</a>	Overloaded. Overridden. Removes the MsDb2Parameter at the specified index from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetParameter</a>	Overloaded. (inherited from <a href="#">DbParameterCollection</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetParameter</a>	Overloaded. (inherited from <a href="#">DbParameterCollection</a> )

See Also

## Reference

[MsDb2ParameterCollection Class](#)






[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Add Method

Adds a DbParameter item with the specified value to the MsDb2ParameterCollection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">Add(MsDb2Parameter)</a>	Adds the specified MsDb2Parameter to the MsDb2ParameterCollection.
 <a href="#">Add(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">Add(String, MsDb2Type)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name and data type.
 <a href="#">Add(String, MsDb2Type, Int32)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, and column width.
 <a href="#">Add(String, MsDb2Type, Int32, String)</a>	Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, column width, and source column name.

See Also  
[MsDb2ParameterCollection Class](#)  
[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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**MsDb2ParameterCollection.Add Method (MsDb2Parameter)**  
Adds the specified MsDb2Parameter to the MsDb2ParameterCollection.

Syntax  
C#

```
public MsDb2Parameter Add(  
    MsDb2Parameter value  
)
```

C++

```
public:  
MsDb2Parameter^ Add(  
    MsDb2Parameter^ value  
)
```

F#

```
member Add :  
    value:MsDb2Parameter -> MsDb2Parameter
```

VB

```
Public Function Add (  
    value As MsDb2Parameter  
) As MsDb2Parameter
```

**Parameters**  
*value*  
Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)  
The parameter to add to the collection.

**Return Value**  
Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)  
A reference to the new MsDb2Parameter.



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### **MsDb2ParameterCollection.Add Method (String, MsDb2Type)**

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name and data type.

Syntax

C#

```
public MsDb2Parameter Add(  
    string parameterName,  
    MsDb2Type MsDb2Type  
)
```

C++

```
public:  
    MsDb2Parameter^ Add(  
        String^ parameterName,  
        MsDb2Type MsDb2Type  
    )
```

F#

```
member Add :  
    parameterName:string *  
    MsDb2Type:MsDb2Type -> MsDb2Parameter
```

VB

```
Public Function Add (  
    parameterName As String,  
    MsDb2Type As MsDb2Type  
) As MsDb2Parameter
```

#### **Parameters**

*parameterName*

Type: [System.String](#)

The name of the parameter to add.

*MsDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

The MsDb2 type of the parameter.

#### **Return Value**

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

A reference to the new MsDb2Parameter object.

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### **MsDb2ParameterCollection.Add Method (String, MsDb2Type, Int32)**

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, and column width.

Syntax

C#

```
public MsDb2Parameter Add(  
    string parameterName,  
    MsDb2Type MsDb2Type,  
    int size  
)
```

C++

```
public:  
    MsDb2Parameter^ Add(  
        String^ parameterName,  
        MsDb2Type MsDb2Type,  
        int size
```

)

F#

```
member Add :  
    parameterName:string *  
    MsDb2Type:MsDb2Type *  
    size:int -> MsDb2Parameter
```

VB

```
Public Function Add (  
    parameterName As String,  
    MsDb2Type As MsDb2Type,  
    size As Integer  
) As MsDb2Parameter
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter to add.

*MsDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

*size*

Type: [System.Int32](#)

The width of the column.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

A reference to the MsDb2Parameter column.

[Return to top](#)

#### MsDb2ParameterCollection.Add Method (String, MsDb2Type, Int32, String)

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, column width, and source column name.

Syntax

C#

```
public MsDb2Parameter Add(  
    string parameterName,  
    MsDb2Type MsDb2Type,  
    int size,  
    string sourceColumn  
)
```

C++

```
public:  
    MsDb2Parameter^ Add(  
        String^ parameterName,  
        MsDb2Type MsDb2Type,  
        int size,  
        String^ sourceColumn  
    )
```

F#

```
member Add :  
    parameterName:string *  
    MsDb2Type:MsDb2Type *  
    size:int *  
    sourceColumn:string -> MsDb2Parameter
```

VB

```
Public Function Add (  
    parameterName As String,  
    MsDb2Type As MsDb2Type,  
    size As Integer,  
    sourceColumn As String  
) As MsDb2Parameter
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter to add.

*MsDb2Type*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Type](#)

One of the MsDb2Type values.

*size*

Type: [System.Int32](#)

The width of the column.

*sourceColumn*

Type: [System.String](#)

The name of the source column.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

A reference to the MsDb2Parameter.

[Return to top](#)

# MsDb2ParameterCollection.Add Method (MsDb2Parameter)

Adds the specified MsDb2Parameter to the MsDb2ParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    value As MsDb2Parameter _
) As MsDb2Parameter
```

C#

```
public MsDb2Parameter Add (
    MsDb2Parameter value
)
```

C++

```
public:
    MsDb2Parameter^ Add (
        MsDb2Parameter^ value
    )
```

J#

```
public MsDb2Parameter Add (
    MsDb2Parameter value
)
```

JScript

```
public function Add (
    value : MsDb2Parameter
) : MsDb2Parameter
```

## Parameters

value

The parameter to add to the collection.

## Return Value

A reference to the new MsDb2Parameter.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Add Method (Object)

Adds an MsDb2Parameter to the MsDb2ParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function Add ( _
    value As Object _
) As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int Add (
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual int Add (
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public int Add (
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Add (
    value : Object
) : int
```

## Parameters

value

The MsDb2Parameter to add to the collection.

## Return Value

The index of the new MsDb2Parameter in the collection.

Remarks

## Implements

ICollection.Add

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Add Method (String, MsDb2Type)

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name and data type.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    parameterName As String, _
    MsDb2Type As MsDb2Type _
) As MsDb2Parameter
```

C#

```
public MsDb2Parameter Add (
    string parameterName,
    MsDb2Type MsDb2Type
)
```

C++

```
public:
    MsDb2Parameter^ Add (
        String^ parameterName,
        MsDb2Type MsDb2Type
    )
```

J#

```
public MsDb2Parameter Add (
    String parameterName,
    MsDb2Type MsDb2Type
)
```

JScript

```
public function Add (
    parameterName : String,
    MsDb2Type : MsDb2Type
) : MsDb2Parameter
```

## Parameters

parameterName

The name of the parameter to add.

MsDb2Type

The MsDb2 type of the parameter.

## Return Value

A reference to the new MsDb2Parameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.Add Method (String, Object)

Adds an MsDb2Parameter to the MsDb2Parameter given the parameter name and value.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Add(String parameterName, Object value) has been deprecated. Use AddWith
thValue(String parameterName, Object value). http://go.microsoft.com/fwlink/?linkid=14202"
, False)> _
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Function Add ( _
    parameterName As String, _
    value As Object _
) As MsDb2Parameter
```

C#

```
[ObsoleteAttribute("Add(String parameterName, Object value) has been deprecated. Use AddWith
thValue(String parameterName, Object value). http://go.microsoft.com/fwlink/?linkid=14202"
, false)]
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public MsDb2Parameter Add (
    string parameterName,
    Object value
)
```

C++

```
[ObsoleteAttribute(L"Add(String parameterName, Object value) has been deprecated. Use AddWith
thValue(String parameterName, Object value). http://go.microsoft.com/fwlink/?linkid=14202"
, false)]
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
    MsDb2Parameter^ Add (
        String^ parameterName,
        Object^ value
    )
```

J#

```
/** @attribute ObsoleteAttribute("Add(String parameterName, Object value) has been deprecate
d. Use AddWithValue(String parameterName, Object value). http://go.microsoft.com/fwlink/
?linkid=14202", false) */
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public MsDb2Parameter Add (
    String parameterName,
    Object value
)
```

JScript

```
ObsoleteAttribute("Add(String parameterName, Object value) has been deprecated. Use AddWith
thValue(String parameterName, Object value). http://go.microsoft.com/fwlink/?linkid=14202",
false)
EditorBrowsableAttribute(EditorBrowsableState.Never)
public function Add (
    parameterName : String,
    value : Object
) : MsDb2Parameter
```

---

## Parameters

parameterName

The name of the parameter.

value

The object value of the MsDb2Parameter to add to the collection.

## Return Value

A reference to the new MsDb2Parameter.

Remarks

When you specify an Object in the value parameter, the MsDb2Type is inferred from the .NET Framework type of the Object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Add Method (String, MsDb2Type, Int32)

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, and column width.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    parameterName As String, _
    MsDb2Type As MsDb2Type, _
    size As Integer _
) As MsDb2Parameter
```

C#

```
public MsDb2Parameter Add (
    string parameterName,
    MsDb2Type MsDb2Type,
    int size
)
```

C++

```
public:
    MsDb2Parameter^ Add (
        String^ parameterName,
        MsDb2Type MsDb2Type,
        int size
    )
```

J#

```
public MsDb2Parameter Add (
    String parameterName,
    MsDb2Type MsDb2Type,
    int size
)
```

JScript

```
public function Add (
    parameterName : String,
    MsDb2Type : MsDb2Type,
    size : int
) : MsDb2Parameter
```

## Parameters

parameterName

The name of the parameter to add.

MsDb2Type

One of the MsDb2Type values.

size

The width of the column.

## Return Value

A reference to the MsDb2Parameter column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Add Method (String, MsDb2Type, Int32, String)

Adds an MsDb2Parameter to the MsDb2ParameterCollection given the parameter name, data type, column width, and source column name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    parameterName As String, _
    MsDb2Type As MsDb2Type, _
    size As Integer, _
    sourceColumn As String _
) As MsDb2Parameter
```

C#

```
public MsDb2Parameter Add (
    string parameterName,
    MsDb2Type MsDb2Type,
    int size,
    string sourceColumn
)
```

C++

```
public:
    MsDb2Parameter^ Add (
        String^ parameterName,
        MsDb2Type MsDb2Type,
        int size,
        String^ sourceColumn
    )
```

J#

```
public MsDb2Parameter Add (
    String parameterName,
    MsDb2Type MsDb2Type,
    int size,
    String sourceColumn
)
```

JScript

```
public function Add (
    parameterName : String,
    MsDb2Type : MsDb2Type,
    size : int,
    sourceColumn : String
) : MsDb2Parameter
```

## Parameters

parameterName

The name of the parameter to add.

MsDb2Type

One of the MsDb2Type values.

size

The width of the column.

sourceColumn

The name of the source column.

#### **Return Value**

A reference to the MsDb2Parameter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.AddRange Method

Adds an array of items with the specified values to the MsDb2ParameterCollection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">AddRange(Array)</a>	Adds an array of items with the specified values to the MsDb2ParameterCollection.(Overrides <a href="#">DbParameterCollection.AddRange(Array)</a> .)
 <a href="#">AddRange(MsDb2Parameter[])</a>	Adds an array of MsDb2Parameter items with the specified values to the MsDb2ParameterCollection.

See Also  
[MsDb2ParameterCollection Class](#)  
[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

### MsDb2ParameterCollection.AddRange Method (Array)

Adds an array of items with the specified values to the MsDb2ParameterCollection.

## Syntax

```
C#  
  
public override void AddRange(  
    Array values  
)
```

```
C++  
  
public:  
virtual void AddRange(  
    Array^ values  
) override
```

```
F#  
  
override AddRange :  
    values:array -> unit
```

```
VB  
  
Public Overrides Sub AddRange (  
    values As Array  
)
```

**Parameters**  
*values*  
Type: [System.Array](#)  
An array of values to add to the collection.

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### MsDb2ParameterCollection.AddRange Method (MsDb2Parameter[])

Adds an array of MsDb2Parameter items with the specified values to the MsDb2ParameterCollection.

## Syntax

```
C#  
  
public void AddRange(  
    MsDb2Parameter[] values  
)
```

---

C++

```
public:
void AddRange(
    array<MsDb2Parameter^>^ values
)
```

F#

```
member AddRange :
    values:MsDb2Parameter[] -> unit
```

VB

```
Public Sub AddRange (
    values As MsDb2Parameter()
)
```

#### Parameters

*values*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

An array of values to add to the collection.

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# MsDb2ParameterCollection.AddRange Method (Array)

Adds an array of items with the specified values to the MsDb2ParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub AddRange ( _
    values As Array _
)
```

C#

```
public override void AddRange (
    Array values
)
```

C++

```
public:
virtual void AddRange (
    Array^ values
) override
```

J#

```
public void AddRange (
    Array values
)
```

JScript

```
public override function AddRange (
    values : Array
)
```

## Parameters

values

An array of values to add to the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.AddRange Method (MsDb2Parameter[])

Adds an array of MsDb2Parameter items with the specified values to the MsDb2ParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub AddRange ( _
    values As MsDb2Parameter() _
)
```

C#

```
public void AddRange (
    MsDb2Parameter[] values
)
```

C++

```
public:
void AddRange (
    array<MsDb2Parameter^>^ values
)
```

J#

```
public void AddRange (
    MsDb2Parameter[] values
)
```

JScript

```
public function AddRange (
    values : MsDb2Parameter[]
)
```

## Parameters

values

An array of values to add to the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.AddWithValue Method

Adds the specified value to the MsDb2ParameterCollection using the specified parameter name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function AddWithValue ( _
    parameterName As String, _
    value As Object _
) As MsDb2Parameter
```

C#

```
public MsDb2Parameter AddWithValue (
    string parameterName,
    Object value
)
```

C++

```
public:
    MsDb2Parameter^ AddWithValue (
        String^ parameterName,
        Object^ value
    )
```

J#

```
public MsDb2Parameter AddWithValue (
    String parameterName,
    Object value
)
```

JScript

```
public function AddWithValue (
    parameterName : String,
    value : Object
) : MsDb2Parameter
```

## Parameters

parameterName

The name of the parameter to accept the value.

value

The value to add.

## Return Value

The updated MsDb2Parameter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Clear Method

Removes all items from the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Clear
```

C#

```
public override void Clear ()
```

C++

```
public:  
virtual void Clear () override
```

J#

```
public void Clear ()
```

JScript

```
public override function Clear ()
```

Remarks

**Implements**

ICollection.Clear

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)




# MsDb2ParameterCollection.Contains Method

Indicates whether a parameter with the specified property exists in the collection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">Contains(MsDb2Parameter)</a>	Indicates whether the MsDb2Parameter with the specified property exists in the collection.
 <a href="#">Contains(Object)</a>	Indicates whether a parameter exists in the collection, based on its name.(Overrides <a href="#">DbParameterCollection.Contains(Object)</a> .)
 <a href="#">Contains(String)</a>	Indicates whether an MsDb2Parameter with the specified parameter name exists in the collection.(Overrides <a href="#">DbParameterCollection.Contains(String)</a> .)

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2ParameterCollection.Contains Method (MsDb2Parameter)

Indicates whether the MsDb2Parameter with the specified property exists in the collection.

Syntax

C#

```
public bool Contains(  
    MsDb2Parameter value  
)
```

C++

```
public:  
bool Contains(  
    MsDb2Parameter^ value  
)
```

F#

```
member Contains :  
    value:MsDb2Parameter -> bool
```

VB

```
Public Function Contains (  
    value As MsDb2Parameter  
) As Boolean
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The value of the property to look for in the collection.

## Return Value

Type: [System.Boolean](#)

**True** if MsDb2Parameter with the specified property exists in the collection; otherwise, **false**.

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## MsDb2ParameterCollection.Contains Method (Object)

Indicates whether a parameter exists in the collection, based on its name.

Syntax

C#

```
public override bool Contains(  
    object value  
)
```

C++

```
public:  
virtual bool Contains(  
    Object^ value  
) override
```

F#

```
override Contains :  
    value:Object -> bool
```

VB

```
Public Overrides Function Contains (  
    value As Object  
) As Boolean
```

#### Parameters

*value*

Type: [System.Object](#)

The value of the MsDb2Parameter to find.

#### Return Value

Type: [System.Boolean](#)

**True** if the collection contains the MsDb2Parameter; otherwise, **false**.

#### Implements

[IList.Contains\(Object\)](#)

Remarks

Implements

[IList.Contains](#)

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#### MsDb2ParameterCollection.Contains Method (String)

Indicates whether an MsDb2Parameter with the specified parameter name exists in the collection.

Syntax

C#

```
public override bool Contains(  
    string value  
)
```

C++

```
public:  
virtual bool Contains(  
    String^ value  
) override
```

F#

```
override Contains :  
    value:string -> bool
```

VB

```
Public Overrides Function Contains (  
    value As String  
) As Boolean
```

#### Parameters

*value*

Type: [System.String](#)

The name of the parameter.

#### Return Value

Type: [System.Boolean](#)

**True** if the collection contains the parameter; otherwise, **false**.

#### Implements

[IDataParameterCollection.Contains\(String\)](#)

Remarks

Implements

[IDataParameterCollection.Contains](#)

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# MsDb2ParameterCollection.Contains Method (MsDb2Parameter)

Indicates whether the MsDbParameter with the specified property exists in the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Contains ( _
    value As MsDb2Parameter _
) As Boolean
```

C#

```
public bool Contains (
    MsDb2Parameter value
)
```

C++

```
public:
bool Contains (
    MsDb2Parameter^ value
)
```

J#

```
public boolean Contains (
    MsDb2Parameter value
)
```

JScript

```
public function Contains (
    value : MsDb2Parameter
) : boolean
```

## Parameters

value

The value of the property to look for in the collection.

## Return Value

**True** if MsDbParameter with the specified property exists in the collection; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Contains Method (Object)

Indicates whether a parameter exists in the collection, based on its name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Contains ( _
    value As Object _
) As Boolean
```

C#

```
public override bool Contains (
    Object value
)
```

C++

```
public:
virtual bool Contains (
    Object^ value
) override
```

J#

```
public boolean Contains (
    Object value
)
```

JScript

```
public override function Contains (
    value : Object
) : boolean
```

## Parameters

value

The value of the MsDb2Parameter to find.

## Return Value

**True** if the collection contains the MsDb2Parameter; otherwise, **false**.

Remarks

## Implements

ICollection.Contains

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)



# MsDb2ParameterCollection.Contains Method (String)

Indicates whether an MsDb2Parameter with the specified parameter name exists in the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Contains ( _
    value As String _
) As Boolean
```

C#

```
public override bool Contains (
    string value
)
```

C++

```
public:
virtual bool Contains (
    String^ value
) override
```

J#

```
public boolean Contains (
    String value
)
```

JScript

```
public override function Contains (
    value : String
) : boolean
```

## Parameters

value

The name of the parameter.

## Return Value

**True** if the collection contains the parameter; otherwise, **false**.

Remarks

## Implements

IDataParameterCollection.Contains

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)





# MsDb2ParameterCollection.CopyTo Method

Copies an array of items to the collection starting at the specified index.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">CopyTo(Array, Int32)</a>	Copies MsDb2Parameter objects from the MsDb2ParameterCollection to the specified array.(Overrides <a href="#">DbParameterCollection.CopyTo(Array, Int32)</a> .)
 <a href="#">CopyTo(MsDb2Parameter[], Int32)</a>	Copies an array of items to the collection starting at the specified index.

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2ParameterCollection.CopyTo Method (Array, Int32)

Copies MsDb2Parameter objects from the MsDb2ParameterCollection to the specified array.

Syntax

C#

```
public override void CopyTo(  
    Array array,  
    int index  
)
```

C++

```
public:  
virtual void CopyTo(  
    Array^ array,  
    int index  
) override
```

F#

```
override CopyTo :  
    array:Array *  
    index:int -> unit
```

VB

```
Public Overrides Sub CopyTo (  
    array As Array,  
    index As Integer  
)
```

## Parameters

*array*

Type: [System.Array](#)

The array into which to copy the MsDb2Parameter.

*index*

Type: [System.Int32](#)

The starting index of the array.

## Implements

[ICollection.CopyTo\(Array, Int32\)](#)

Remarks

Implements  
ICollection.CopyTo

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### **MsDb2ParameterCollection.CopyTo Method (MsDb2Parameter[], Int32)**

Copies an array of items to the collection starting at the specified index.

Syntax

C#

```
public void CopyTo(  
    MsDb2Parameter[] array,  
    int index  
)
```

C++

```
public:  
void CopyTo(  
    array<MsDb2Parameter^>^ array,  
    int index  
)
```

F#

```
member CopyTo :  
    array:MsDb2Parameter[] *  
    index:int -> unit
```

VB

```
Public Sub CopyTo (  
    array As MsDb2Parameter(),  
    index As Integer  
)
```

### **Parameters**

*array*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The array of items to copy to the collection.

*index*

Type: [System.Int32](#)

The index in the collection to copy the items.

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# MsDb2ParameterCollection.CopyTo Method (Array, Int32)

Copies MsDb2Parameter objects from the MsDb2ParameterCollection to the specified array.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub CopyTo ( _
    array As Array, _
    index As Integer _
)
```

C#

```
public override void CopyTo (
    Array array,
    int index
)
```

C++

```
public:
virtual void CopyTo (
    Array^ array,
    int index
) override
```

J#

```
public void CopyTo (
    Array array,
    int index
)
```

JScript

```
public override function CopyTo (
    array : Array,
    index : int
)
```

## Parameters

array

The array into which to copy the MsDb2Parameter.

index

The starting index of the array.

Remarks

## Implements

ICollection.CopyTo

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.CopyTo Method (MsDb2Parameter[], Int32)

Copies an array of items to the collection starting at the specified index.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub CopyTo ( _
    array As MsDb2Parameter(), _
    index As Integer _
)
```

C#

```
public void CopyTo (
    MsDb2Parameter[] array,
    int index
)
```

C++

```
public:
void CopyTo (
    array<MsDb2Parameter^>^ array,
    int index
)
```

J#

```
public void CopyTo (
    MsDb2Parameter[] array,
    int index
)
```

JScript

```
public function CopyTo (
    array : MsDb2Parameter[],
    index : int
)
```

## Parameters

array

The array of items to copy to the collection.

index

The index in the collection to copy the items.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.GetEnumerator Method

Exposes the GetEnumerator method, which supports a simple iteration over a collection by a .NET Framework data provider.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetEnumerator As IEnumerator
```

C#

```
public override IEnumerator GetEnumerator ()
```

C++

```
public:
virtual IEnumerator^ GetEnumerator () override
```

J#

```
public IEnumerator GetEnumerator ()
```

JScript

```
public override function GetEnumerator () : IEnumerator
```

## Return Value

An enumerator that iterates through a collection.

Remarks

## Implements

IEnumerable.GetEnumerator

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)




# MsDb2ParameterCollection.IndexOf Method

Returns the index of the specified parameter.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">IndexOf(MsDb2Parameter)</a>	Returns the index of the specified MsDb2Parameter object.
 <a href="#">IndexOf(Object)</a>	Returns the location of the MsDb2Parameter in the collection. (Overrides <a href="#">DbParameterCollection.IndexOf(Object)</a> .)
 <a href="#">IndexOf(String)</a>	Returns the location of the MsDb2Parameter in the collection with the specified parameter name. (Overrides <a href="#">DbParameterCollection.IndexOf(String)</a> .)

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2ParameterCollection.IndexOf Method (MsDb2Parameter)

Returns the index of the specified MsDb2Parameter object.

Syntax

C#

```
public int IndexOf(  
    MsDb2Parameter value  
)
```

C++

```
public:  
int IndexOf(  
    MsDb2Parameter^ value  
)
```

F#

```
member IndexOf :  
    value:MsDb2Parameter -> int
```

VB

```
Public Function IndexOf (  
    value As MsDb2Parameter  
) As Integer
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The value of the MsDb2Parameter object in the collection.

## Return Value

Type: [System.Int32](#)

The index of the specified DbParameter object.

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## MsDb2ParameterCollection.IndexOf Method (Object)

Returns the location of the MsDb2Parameter in the collection.

## Syntax

### C#

```
public override int IndexOf(  
    object value  
)
```

### C++

```
public:  
virtual int IndexOf(  
    Object^ value  
) override
```

### F#

```
override IndexOf :  
    value:Object -> int
```

### VB

```
Public Overrides Function IndexOf (  
    value As Object  
) As Integer
```

## Parameters

*value*

Type: [System.Object](#)

The MsDb2Parameter to locate.

## Return Value

Type: [System.Int32](#)

The zero-based location of the MsDb2Parameter in the collection.

## Implements

[IList.IndexOf\(Object\)](#)

Remarks

Implements

[IList.IndexOf](#)

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## MsDb2ParameterCollection.IndexOf Method (String)

Returns the location of the MsDb2Parameter in the collection with the specified parameter name.

## Syntax

### C#

```
public override int IndexOf(  
    string parameterName  
)
```

### C++

```
public:  
virtual int IndexOf(  
    String^ parameterName  
) override
```

### F#

```
override IndexOf :  
    parameterName:string -> int
```

### VB

```
Public Overrides Function IndexOf (  
    parameterName As String  
) As Integer
```

**Parameters**

*parameterName*

Type: [System.String](#)

Name of the parameter to return the index of.

**Return Value**

Type: [System.Int32](#)

The location of the MsDb2Parameter in the collection.

**Implements**

[IDataParameterCollection.IndexOf\(String\)](#)

Remarks

Implements

[IDataParameterCollection.IndexOf](#)

[Return to top](#)

# MsDb2ParameterCollection.IndexOf Method (MsDb2Parameter)

Returns the index of the specified MsDb2Parameter object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Function IndexOf ( _
    value As MsDb2Parameter _
) As Integer
```

C#

```
public int IndexOf (
    MsDb2Parameter value
)
```

C++

```
public:
int IndexOf (
    MsDb2Parameter^ value
)
```

J#

```
public int IndexOf (
    MsDb2Parameter value
)
```

JScript

```
public function IndexOf (
    value : MsDb2Parameter
) : int
```

## Parameters

value

The value of the MsDb2Parameter object in the collection.

## Return Value

The index of the specified DbParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.IndexOf Method (Object)

Returns the location of the MsDb2Parameter in the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IndexOf ( _
    value As Object _
) As Integer
```

C#

```
public override int IndexOf (
    Object value
)
```

C++

```
public:
virtual int IndexOf (
    Object^ value
) override
```

J#

```
public int IndexOf (
    Object value
)
```

JScript

```
public override function IndexOf (
    value : Object
) : int
```

## Parameters

value

The MsDb2Parameter to locate.

## Return Value

The zero-based location of the MsDb2Parameter in the collection.

Remarks

## Implements

ICollection.IndexOf

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)



# MsDb2ParameterCollection.IndexOf Method (String)

Returns the location of the MsDb2Parameter in the collection with the specified parameter name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IndexOf ( _
    parameterName As String _
) As Integer
```

C#

```
public override int IndexOf (
    string parameterName
)
```

C++

```
public:
virtual int IndexOf (
    String^ parameterName
) override
```

J#

```
public int IndexOf (
    String parameterName
)
```

JScript

```
public override function IndexOf (
    parameterName : String
) : int
```

## Parameters

parameterName

Name of the parameter to return the index of.

## Return Value

The location of the MsDb2Parameter in the collection.

Remarks

## Implements

IDataParameterCollection.IndexOf

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)





# MsDb2ParameterCollection.Insert Method

Inserts an MsDb2Parameter into the collection at the specified index.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">Insert(Int32, MsDb2Parameter)</a>	Inserts an MsDb2Parameter into the collection at the specified index.
 <a href="#">Insert(Int32, Object)</a>	Inserts an MsDb2Parameter into the collection at the specified index.(Overrides <a href="#">DbParameterCollection.Insert(Int32, Object)</a> .)

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

## MsDb2ParameterCollection.Insert Method (Int32, MsDb2Parameter)

Inserts an MsDb2Parameter into the collection at the specified index.

## Syntax

C#

```
public void Insert(  
    int index,  
    MsDb2Parameter value  
)
```

C++

```
public:  
void Insert(  
    int index,  
    MsDb2Parameter^ value  
)
```

F#

```
member Insert :  
    index:int *  
    value:MsDb2Parameter -> unit
```

VB

```
Public Sub Insert (  
    index As Integer,  
    value As MsDb2Parameter  
)
```

## Parameters

*index*

Type: [System.Int32](#)

The zero-based index where the parameter is to be inserted into the collection.

*value*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The MsDb2Parameter to add to the collection.

[Return to top](#)

## MsDb2ParameterCollection.Insert Method (Int32, Object)

Inserts an MsDb2Parameter into the collection at the specified index.

## Syntax

### C#

```
public override void Insert(  
    int index,  
    object value  
)
```

### C++

```
public:  
virtual void Insert(  
    int index,  
    Object^ value  
) override
```

### F#

```
override Insert :  
    index:int *  
    value:Object -> unit
```

### VB

```
Public Overrides Sub Insert (  
    index As Integer,  
    value As Object  
)
```

## Parameters

### *index*

Type: [System.Int32](#)

The zero-based index where the parameter is to be inserted into the collection.

### *value*

Type: [System.Object](#)

The MsDb2Parameter to add to the collection.

## Implements

[IList.Insert\(Int32, Object\)](#)

Remarks

Implements

[IList.Insert](#)

[Return to top](#)

# MsDb2ParameterCollection.Insert Method (Int32, MsDb2Parameter)

Inserts an MsDb2Parameter into the collection at the specified index.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Insert ( _
    index As Integer, _
    value As MsDb2Parameter _
)
```

C#

```
public void Insert (
    int index,
    MsDb2Parameter value
)
```

C++

```
public:
void Insert (
    int index,
    MsDb2Parameter^ value
)
```

J#

```
public void Insert (
    int index,
    MsDb2Parameter value
)
```

JScript

```
public function Insert (
    index : int,
    value : MsDb2Parameter
)
```

## Parameters

index

The zero-based index where the parameter is to be inserted into the collection.

value

The MsDb2Parameter to add to the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.Insert Method (Int32, Object)

Inserts an MsDb2Parameter into the collection at the specified index.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Insert ( _
    index As Integer, _
    value As Object _
)
```

C#

```
public override void Insert (
    int index,
    Object value
)
```

C++

```
public:
virtual void Insert (
    int index,
    Object^ value
) override
```

J#

```
public void Insert (
    int index,
    Object value
)
```

JScript

```
public override function Insert (
    index : int,
    value : Object
)
```

## Parameters

index

The zero-based index where the parameter is to be inserted into the collection.

value

The MsDb2Parameter to add to the collection.

Remarks

## Implements

ICollection.Insert

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.Remove Method

Removes the specified DbParameter object from the collection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">Remove(MsDb2Parameter)</a>	Removes the specified MsDb2Parameter from the collection.
 <a href="#">Remove(Object)</a>	Removes the specified MsDb2Parameter from the collection.(Overrides <a href="#">DbParameterCollection.Remove(Object)</a> .)

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2ParameterCollection.Remove Method (MsDb2Parameter)

Removes the specified MsDb2Parameter from the collection.

Syntax

C#

```
public void Remove(  
    MsDb2Parameter value  
)
```

C++

```
public:  
void Remove(  
    MsDb2Parameter^ value  
)
```

F#

```
member Remove :  
    value:MsDb2Parameter -> unit
```

VB

```
Public Sub Remove (  
    value As MsDb2Parameter  
)
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

Removes the specified MsDb2Parameter from the collection.

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## MsDb2ParameterCollection.Remove Method (Object)

Removes the specified MsDb2Parameter from the collection.

Syntax

C#

```
public override void Remove(  
    object value  
)
```

C++

```
public:  
virtual void Remove(  
    Object^ value  
) override
```

F#

```
override Remove :  
    value:Object -> unit
```

VB

```
Public Overrides Sub Remove (  
    value As Object  
)
```

#### Parameters

*value*

Type: [System.Object](#)

Removes the specified MsDb2Parameter from the collection.

#### Implements

[IList.Remove\(Object\)](#)

Remarks

Implements

[IList.Remove](#)

[Return to top](#)

# MsDb2ParameterCollection.Remove Method (MsDb2Parameter)

Removes the specified MsDb2Parameter from the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Remove ( _
    value As MsDb2Parameter _
)
```

C#

```
public void Remove (
    MsDb2Parameter value
)
```

C++

```
public:
void Remove (
    MsDb2Parameter^ value
)
```

J#

```
public void Remove (
    MsDb2Parameter value
)
```

JScript

```
public function Remove (
    value : MsDb2Parameter
)
```

## Parameters

value

Removes the specified MsDb2Parameter from the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Remove Method (Object)

Removes the specified MsDb2Parameter from the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Remove ( _
    value As Object _
)
```

C#

```
public override void Remove (
    Object value
)
```

C++

```
public:
virtual void Remove (
    Object^ value
) override
```

J#

```
public void Remove (
    Object value
)
```

JScript

```
public override function Remove (
    value : Object
)
```

## Parameters

value

Removes the specified MsDb2Parameter from the collection.

Remarks

## Implements

ICollection.Remove

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.RemoveAt Method

Removes the MsDb2Parameter at the specified index from the collection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

Name	Description
 <a href="#">RemoveAt(Int32)</a>	Removes the MsDb2Parameter at the specified index from the collection.(Overrides <a href="#">DbParameterCollection.RemoveAt(Int32)</a> .)
 <a href="#">RemoveAt(String)</a>	Removes the MsDb2Parameter at the specified name from the collection.(Overrides <a href="#">DbParameterCollection.RemoveAt(String)</a> .)

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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## MsDb2ParameterCollection.RemoveAt Method (Int32)

Removes the MsDb2Parameter at the specified index from the collection.

Syntax

C#

```
public override void RemoveAt(  
    int index  
)
```

C++

```
public:  
virtual void RemoveAt(  
    int index  
) override
```

F#

```
override RemoveAt :  
    index:int -> unit
```

VB

```
Public Overrides Sub RemoveAt (  
    index As Integer  
)
```

## Parameters

*index*

Type: [System.Int32](#)

The zero-based index of the parameter to remove.

## Implements

[IList.RemoveAt\(Int32\)](#)

Remarks

Implements

[IList.RemoveAt](#)

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## MsDb2ParameterCollection.RemoveAt Method (String)

Removes the MsDb2Parameter at the specified name from the collection.

## Syntax

### C#

```
public override void RemoveAt(  
    string parameterName  
)
```

### C++

```
public:  
virtual void RemoveAt(  
    String^ parameterName  
) override
```

### F#

```
override RemoveAt :  
    parameterName:string -> unit
```

### VB

```
Public Overrides Sub RemoveAt (  
    parameterName As String  
)
```

## Parameters

*parameterName*

Type: [System.String](#)

Name of the parameter to remove.

## Implements

[IDataParameterCollection.RemoveAt\(String\)](#)

Remarks

Implements

[IDataParameterCollection.RemoveAt](#)

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# MsDb2ParameterCollection.RemoveAt Method (Int32)

Removes the MsDb2Parameter at the specified index from the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub RemoveAt ( _
    index As Integer _
)
```

C#

```
public override void RemoveAt (
    int index
)
```

C++

```
public:
virtual void RemoveAt (
    int index
) override
```

J#

```
public void RemoveAt (
    int index
)
```

JScript

```
public override function RemoveAt (
    index : int
)
```

## Parameters

index

The zero-based index of the parameter to remove.

Remarks

## Implements

ICollection.RemoveAt

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.RemoveAt Method (String)

Removes the MsDb2Parameter at the specified name from the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub RemoveAt ( _
    parameterName As String _
)
```

C#

```
public override void RemoveAt (
    string parameterName
)
```

C++

```
public:
virtual void RemoveAt (
    String^ parameterName
) override
```

J#

```
public void RemoveAt (
    String parameterName
)
```

JScript

```
public override function RemoveAt (
    parameterName : String
)
```

## Parameters

parameterName

Name of the parameter to remove.

Remarks

## Implements

IDataParameterCollection.RemoveAt

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference







[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection Properties

Public Properties

	Name	Description
	<a href="#">Count</a>	Overridden. Gets the number of MsDb2Parameter objects in the collection.
	<a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the collection is a fixed size.
	<a href="#">IsReadOnly</a>	Overridden. Gets a value that indicates whether the collection is read-only.
	<a href="#">IsSynchronized</a>	Overridden. Gets a value that indicates whether the collection is synchronized.
	<a href="#">Item</a>	Overloaded. Gets or sets an MsDb2Parameter in the collection.
	<a href="#">SyncRoot</a>	Overridden. Gets the object to be used to synchronize access to the collection.

Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.IList.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )
<a href="#">System.Data.IDataParameterCollection.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )

See Also

Reference

- [MsDb2ParameterCollection Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Count Property

Gets the number of MsDb2Parameter objects in the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Count As Integer
```

C#

```
public override int Count { get; }
```

C++

```
public:
virtual property int Count {
    int get () override;
}
```

J#

```
/** @property */
public int get_Count ()
```

JScript

```
public override function get Count () : int
```

## Property Value

The number of MsDb2Parameter objects in the collection.

Remarks

## Implements

ICollection.Count

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.IsFixedSize Property

Gets a value that indicates whether the collection is a fixed size.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsFixedSize As Boolean
```

C#

```
public override bool IsFixedSize { get; }
```

C++

```
public:
virtual property bool IsFixedSize {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsFixedSize ()
```

JScript

```
public override function get IsFixedSize () : boolean
```

## Property Value

**True** if the collection is a fixed size; otherwise **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.IsReadOnly Property

Gets a value that indicates whether the collection is read-only.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsReadOnly As Boolean
```

C#

```
public override bool IsReadOnly { get; }
```

C++

```
public:
virtual property bool IsReadOnly {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsReadOnly ()
```

JScript

```
public override function get IsReadOnly () : boolean
```

## Property Value

**True** if the collection is read-only; otherwise **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.IsSynchronized Property

Gets a value that indicates whether the collection is synchronized.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsSynchronized As Boolean
```

C#

```
public override bool IsSynchronized { get; }
```

C++

```
public:
virtual property bool IsSynchronized {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsSynchronized ()
```

JScript

```
public override function get IsSynchronized () : boolean
```

## Property Value

**True** if the collection is synchronized; otherwise **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2ParameterCollection.Item Property

Gets or sets an MsDb2Parameter in the collection.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

## Overload List

	Name	Description
	<a href="#">Item(Int32)</a>	Gets or sets an MsDb2Parameter in the specified index.
	<a href="#">Item(String)</a>	Gets or sets the DbParameter with the specified name.

See Also

[MsDb2ParameterCollection Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

### MsDb2ParameterCollection.Item Property (Int32)

Gets or sets an MsDb2Parameter in the specified index.

Syntax

C#

```
[BrowsableAttribute(false)]
public MsDb2Parameter this[
    int index
] { get; set; }
```

C++

```
public:
[BrowsableAttribute(false)]
property MsDb2Parameter^ default[
    int index
] {
    MsDb2Parameter^ get(int index);
    void set(int index, MsDb2Parameter^ value);
}
```

F#

```
[<BrowsableAttribute(false)>]
member Item :
    index:int -> MsDb2Parameter with get, set
```

VB

```
<BrowsableAttribute(False)>
Public Property Item (
    index As Integer
) As MsDb2Parameter
```

### Parameters

*index*

Type: [System.Int32](#)

The zero-based index of the parameter.

### Property Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The DbParameter at the specified index.

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## MsDb2ParameterCollection.Item Property (String)

Gets or sets the DbParameter with the specified name.

Syntax

C#

```
[BrowsableAttribute(false)]  
public MsDb2Parameter this[  
    string parameterName  
] { get; set; }
```

C++

```
public:  
[BrowsableAttribute(false)]  
property MsDb2Parameter^ default[  
    String^ parameterName  
] {  
    MsDb2Parameter^ get(String^ parameterName);  
    void set(String^ parameterName, MsDb2Parameter^ value);  
}
```

F#

```
[<BrowsableAttribute(false)>]  
member Item :  
    parameterName:string -> MsDb2Parameter with get, set
```

VB

```
<BrowsableAttribute(False)>  
Public Property Item (  
    parameterName As String  
) As MsDb2Parameter
```

### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter.

### Property Value

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Parameter](#)

The DbParameter with the specified name, or a **null** reference (Nothing in Visual Basic) if the parameter is not found.

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# MsDb2ParameterCollection.Item Property (Int32)

Gets or sets an MsDb2Parameter in the specified index.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
Public Default Property Item ( _
    index As Integer _
) As MsDb2Parameter
```

C#

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public MsDb2Parameter this [
    int index
] { get; set; }
```

C++

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
public:
    property MsDb2Parameter^ default [int] {
        MsDb2Parameter^ get (int index);
        void set (int index, MsDb2Parameter^ value);
    }
```

J#

```
/** @property */
public MsDb2Parameter get_Item (int index)

/** @property */
public void set_Item (int index, MsDb2Parameter value)
```

JScript

## Parameters

index

The zero-based index of the parameter.

## Property Value

The DbParameter at the specified index.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.Item Property (String)

Gets or sets the DbParameter with the specified name.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
<BrowsableAttribute(False)> _
Public Default Property Item ( _
    parameterName As String _
) As MsDb2Parameter
```

C#

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
[BrowsableAttribute(false)]
public MsDb2Parameter this [
    string parameterName
] { get; set; }
```

C++

```
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
[BrowsableAttribute(false)]
public:
    property MsDb2Parameter^ default [String^] {
        MsDb2Parameter^ get (String^ parameterName);
        void set (String^ parameterName, MsDb2Parameter^ value);
    }
```

J#

```
/** @property */
public MsDb2Parameter get_Item (String parameterName)

/** @property */
public void set_Item (String parameterName, MsDb2Parameter value)
```

JScript

## Parameters

parameterName

The name of the parameter.

## Property Value

The DbParameter with the specified name, or a **null** reference (Nothing in Visual Basic) if the parameter is not found.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2ParameterCollection.SyncRoot Property

Gets the object to be used to synchronize access to the collection.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property SyncRoot As Object
```

C#

```
public override Object SyncRoot { get; }
```

C++

```
public:
virtual property Object^ SyncRoot {
    Object^ get () override;
}
```

J#

```
/** @property */
public Object get_SyncRoot ()
```

JScript

```
public override function get SyncRoot () : Object
```

## Property Value

The object to be used to synchronize access to the MsDb2ParameterCollection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2ParameterCollection Class](#)

[MsDb2ParameterCollection Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Permission Class

Enables the Managed Provider for DB2 to help ensure that a user has a security level adequate for accessing data.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Security.CodeAccessPermission](#)  
[System.Data.Common.DBDataPermission](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2Permission**

Syntax  
C#

```
[SerializableAttribute]  
public sealed class MsDb2Permission : DBDataPermission
```

C++

```
[SerializableAttribute]  
public ref class MsDb2Permission sealed : DBDataPermission
```


F#

```
[<Sealed>]  
[<SerializableAttribute>]  
type MsDb2Permission =  
    class  
        inherit DBDataPermission  
    end
```


VB

```
<SerializableAttribute>  
Public NotInheritable Class MsDb2Permission  
    Inherits DBDataPermission
```







## Constructors











	Name	Description
	<a href="#">MsDb2Permission(PermissionState)</a>	Initializes a new instance of the <b>MsDb2Permission</b> class using the specified permission state.

## Properties

	Name	Description
	<a href="#">AllowBlankPassword</a>	(Inherited from <a href="#">DBDataPermission</a> .)

## Methods

	Name	Description
	<a href="#">Add(String, String, KeyRestrictionBehavior)</a>	(Inherited from <a href="#">DBDataPermission</a> .)
	<a href="#">Assert()</a>	(Inherited from <a href="#">CodeAccessPermission</a> .)
	<a href="#">Copy()</a>	Creates and returns an identical copy of the current permission object.(Override s <a href="#">DBDataPermission.Copy()</a> .)
	<a href="#">Demand()</a>	(Inherited from <a href="#">CodeAccessPermission</a> .)
	<a href="#">Deny()</a>	(Inherited from <a href="#">CodeAccessPermission</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">CodeAccessPermission</a> .)

 FromXml(SecurityElement)	(Inherited from <a href="#">DBDataPermission.</a> )
 GetHashCode()	(Inherited from <a href="#">CodeAccessPermission.</a> )
 GetType()	(Inherited from <a href="#">Object.</a> )
 Intersect(IPermission)	(Inherited from <a href="#">DBDataPermission.</a> )
 IsSubsetOf(IPermission)	(Inherited from <a href="#">DBDataPermission.</a> )
 IsUnrestricted()	(Inherited from <a href="#">DBDataPermission.</a> )
 PermitOnly()	(Inherited from <a href="#">CodeAccessPermission.</a> )
 ToString()	(Inherited from <a href="#">CodeAccessPermission.</a> )
 ToXml()	(Inherited from <a href="#">DBDataPermission.</a> )
 Union(IPermission)	(Inherited from <a href="#">DBDataPermission.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)



# MsDb2Permission Members

Enables the Managed Provider for DB2 to help ensure that a user has a security level adequate for accessing data.


The following tables list the members exposed by the [MsDb2Permission](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2Permission</a>	Initializes a new instance of the <a href="#">MsDb2Permission</a> class using the specified permission state.



























## Top

## Public Properties

Name	Description
 <a href="#">AllowBlankPassword</a>	(inherited from <a href="#">DBDataPermission</a> )





## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Assert</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Copy</a>	Overridden. Creates and returns an identical copy of the current permission object.
	<a href="#">Demand</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Deny</a>	<b>Obsolete.</b> (inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">FromXml</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Intersect</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">IsSubsetOf</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">IsUnrestricted</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">PermitOnly</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">RevertAll</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertAssert</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertDeny</a>	<b>Obsolete.</b> (inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertPermitOnly</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">ToXml</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Union</a>	(inherited from <a href="#">DBDataPermission</a> )

## Top

## Protected Methods

	Name	Description
	<a href="#">Clear</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">CreateInstance</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also

## Reference

[MsDb2Permission Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Permission Constructor

Initializes a new instance of the [MsDb2Permission](#) class using the specified permission state.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    state As PermissionState _
)
```

C#

```
public MsDb2Permission (
    PermissionState state
)
```

C++

```
public:
    MsDb2Permission (
        PermissionState state
    )
```

J#

```
public MsDb2Permission (
    PermissionState state
)
```

JScript

```
public function MsDb2Permission (
    state : PermissionState
)
```

## Parameters

state

The permission state to create the new MsDb2Permission with.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



























[MsDb2Permission Class](#)

[MsDb2Permission Members](#)





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Permission Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Assert</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Copy</a>	Overridden. Creates and returns an identical copy of the current permission object.
	<a href="#">Demand</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Deny</a>	<b>Obsolete.</b> (inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">FromXml</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Intersect</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">IsSubsetOf</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">IsUnrestricted</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">PermitOnly</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">RevertAll</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertAssert</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertDeny</a>	<b>Obsolete.</b> (inherited from <a href="#">CodeAccessPermission</a> )
	 <a href="#">RevertPermitOnly</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">CodeAccessPermission</a> )
	<a href="#">ToXml</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Union</a>	(inherited from <a href="#">DBDataPermission</a> )

Protected Methods

	Name	Description
	<a href="#">Clear</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">CreateInstance</a>	(inherited from <a href="#">DBDataPermission</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[MsDb2Permission Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Permission.Copy Method

Creates and returns an identical copy of the current permission object.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function Copy As IPermission
```

C#

```
public override IPermission Copy ()
```

C++

```
public:  
virtual IPermission^ Copy () override
```

J#

```
public IPermission Copy ()
```

JScript

```
public override function Copy () : IPermission
```

## Return Value

An IPermission containing a copy of the current object.

Remarks

A copy of a permission object represents the same access to resources as the original permission object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Permission Class](#)

[MsDb2Permission Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Permission Properties

Public Properties

	Name	Description
	<a href="#">AllowBlankPassword</a>	(inherited from <a href="#">DBDataPermission</a> )

See Also

Reference

- [MsDb2Permission Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2PermissionAttribute Class

Associates a security action with a security attribute for the MsDb2 data access provider.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** [Microsoft.HostIntegration.MsDb2Client](#) (in [Microsoft.HostIntegration.MsDb2Client.dll](#))

Inheritance Hierarchy  
[System.Object](#)  
[System.Attribute](#)  
[System.Security.Permissions.SecurityAttribute](#)  
[System.Security.Permissions.CodeAccessSecurityAttribute](#)  
[System.Data.Common.DBDataPermissionAttribute](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2PermissionAttribute**

Syntax  
C#

```
[SerializableAttribute]
[AttributeUsageAttribute(AttributeTargets.Assembly | AttributeTargets.Class | AttributeTargets.Struct | AttributeTargets.Constructor | AttributeTargets.Method,
    AllowMultiple = true, Inherited = false)]
public sealed class MsDb2PermissionAttribute : DBDataPermissionAttribute
```

C++

```
[SerializableAttribute]
[AttributeUsageAttribute(AttributeTargets::Assembly | AttributeTargets::Class | AttributeTargets::Struct | AttributeTargets::Constructor | AttributeTargets::Method,
    AllowMultiple = true, Inherited = false)]
public ref class MsDb2PermissionAttribute sealed : DBDataPermissionAttribute
```


F#

```
[<Sealed>]
[<SerializableAttribute>]
[<AttributeUsageAttribute(AttributeTargets.Assembly | AttributeTargets.Class | AttributeTargets.Struct | AttributeTargets.Constructor | AttributeTargets.Method,
    AllowMultiple = true, Inherited = false)>]
type MsDb2PermissionAttribute =
    class
        inherit DBDataPermissionAttribute
    end
```

VB







```
<SerializableAttribute>
<AttributeUsageAttribute(AttributeTargets.Assembly Or AttributeTargets.Class Or AttributeTargets.Struct Or AttributeTargets.Constructor Or AttributeTargets.Method,
    AllowMultiple := True, Inherited := False)>
Public NotInheritable Class MsDb2PermissionAttribute
    Inherits DBDataPermissionAttribute
```

## Constructors








Name	Description
 <a href="#">MsDb2PermissionAttribute(SecurityAction)</a>	Initializes a new instance of the <b>MsDb2PermissionAttribute</b> class using the specified action.

## Properties





Name	Description
 <a href="#">Action</a>	(Inherited from <a href="#">SecurityAttribute</a> .)

 <a href="#">AllowBlankPassword</a>	(Inherited from <a href="#">DBDataPermissionAttribute</a> .)
 <a href="#">ConnectionString</a>	(Inherited from <a href="#">DBDataPermissionAttribute</a> .)
 <a href="#">KeyRestrictionBehavior</a>	(Inherited from <a href="#">DBDataPermissionAttribute</a> .)
 <a href="#">KeyRestrictions</a>	(Inherited from <a href="#">DBDataPermissionAttribute</a> .)
 <a href="#">Typed</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">Unrestricted</a>	(Inherited from <a href="#">SecurityAttribute</a> .)

#### Methods

Name	Description
 <a href="#">CreatePermission()</a>	Creates a permission object that can then be serialized into binary form and persistently stored along with the SecurityAction in an assembly's metadata.(Overrides <a href="#">SecurityAttribute.CreatePermission()</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">IsDefaultAttribute()</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">Match(Object)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Explicit Interface Implementations

Name	Description
 <a href="#">_Attribute.GetIDsOfNames(Guid, IntPtr, UInt32, UInt32, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">_Attribute.GetTypeInfo(UInt32, UInt32, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">_Attribute.GetTypeInfoCount(UInt32)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">_Attribute.Invoke(UInt32, Guid, UInt32, Int16, IntPtr, IntPtr, IntPtr, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

# MsDb2PermissionAttribute Members

Associates a security action with a security attribute for the MsDb2 data access provider.








The following tables list the members exposed by the [MsDb2PermissionAttribute](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2PermissionAttribute</a>	Initializes a new instance of the <a href="#">MsDb2PermissionAttribute</a> class using the specified action.














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## Public Properties

Name	Description
 <a href="#">Action</a>	(inherited from <a href="#">SecurityAttribute</a> )
 <a href="#">AllowBlankPassword</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">ConnectionString</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">KeyRestrictionBehavior</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">KeyRestrictions</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">TypeId</a>	(inherited from <a href="#">Attribute</a> )
 <a href="#">Unrestricted</a>	(inherited from <a href="#">SecurityAttribute</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreatePermission</a>	Overridden. Creates a permission object that can then be serialized into binary form and persistently stored along with the SecurityAction in an assembly's metadata.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">GetCustomAttribute</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">GetCustomAttributes</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Attribute</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IsDefaultAttribute</a>	(inherited from <a href="#">Attribute</a> )
 <a href="#">IsDefined</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">Match</a>	(inherited from <a href="#">Attribute</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ShouldSerializeConnectionString</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">ShouldSerializeKeyRestrictions</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## Explicit Interface Implementations

Name	Description
<a href="#">System.Runtime.InteropServices._Attribute.GetIdsOfNames</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfo</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfoCount</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.Invoke</a>	(inherited from <a href="#">Attribute</a> )

## Top

See Also

## Reference

[MsDb2PermissionAttribute Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2PermissionAttribute Constructor

Initializes a new instance of the [MsDb2PermissionAttribute](#) class using the specified action.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    action As SecurityAction _
)
```

C#

```
public MsDb2PermissionAttribute (
    SecurityAction action
)
```

C++

```
public:
    MsDb2PermissionAttribute (
        SecurityAction action
    )
```

J#

```
public MsDb2PermissionAttribute (
    SecurityAction action
)
```

JScript

```
public function MsDb2PermissionAttribute (
    action : SecurityAction
)
```

## Parameters

action

The action describing the permission attribute.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[MsDb2PermissionAttribute Class](#)

[MsDb2PermissionAttribute Members](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2PermissionAttribute Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreatePermission</a>	Overridden. Creates a permission object that can then be serialized into binary form and persistently stored along with the SecurityAction in an assembly's metadata.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 	<a href="#">GetCustomAttribute</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 	<a href="#">GetCustomAttributes</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsDefaultAttribute</a>	(inherited from <a href="#">Attribute</a> )
 	<a href="#">IsDefined</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
	<a href="#">Match</a>	(inherited from <a href="#">Attribute</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeConnectionString</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">ShouldSerializeKeyRestrictions</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Runtime.InteropServices._Attribute.GetIDsOfNames</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfo</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfoCount</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">System.Runtime.InteropServices._Attribute.Invoke</a>	(inherited from <a href="#">Attribute</a> )

See Also

## Reference

[MsDb2PermissionAttribute Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2PermissionAttribute.CreatePermission Method

Creates a permission object that can then be serialized into binary form and persistently stored along with the SecurityAction in an assembly's metadata.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreatePermission As IPermission
```

C#

```
public override IPermission CreatePermission ()
```

C++

```
public:
virtual IPermission^ CreatePermission () override
```

J#

```
public IPermission CreatePermission ()
```

JScript

```
public override function CreatePermission () : IPermission
```

## Return Value

An IPermission containing a new permission.

Remarks

At compile time, attributes convert security declarations to a serialized form in metadata. Declarative security data in metadata is created from the permission that this method returns that corresponds to this attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[MsDb2PermissionAttribute Class](#)

[MsDb2PermissionAttribute Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2PermissionAttribute Properties

Public Properties

	Name	Description
	<a href="#">Action</a>	(inherited from <a href="#">SecurityAttribute</a> )
	<a href="#">AllowBlankPassword</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">ConnectionString</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">KeyRestrictionBehavior</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">KeyRestrictions</a>	(inherited from <a href="#">DBDataPermissionAttribute</a> )
	<a href="#">TypeId</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">Unrestricted</a>	(inherited from <a href="#">SecurityAttribute</a> )

See Also

Reference

[MsDb2PermissionAttribute Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventArgs Class

Provides data for the RowUpdated event.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[System.EventArgs](#)  
[System.Data.Common.RowUpdatedEventArgs](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2RowUpdatedEventArgs**

Syntax  
C#

```
public sealed class MsDb2RowUpdatedEventArgs : RowUpdatedEventArgs
```

C++

```
public ref class MsDb2RowUpdatedEventArgs sealed : RowUpdatedEventArgs
```

F#

```
[<Sealed>]  
type MsDb2RowUpdatedEventArgs =  
    class  
        inherit RowUpdatedEventArgs  
    end
```









VB

```
Public NotInheritable Class MsDb2RowUpdatedEventArgs  
    Inherits RowUpdatedEventArgs
```


Constructors




	Name	Description
	<a href="#">MsDb2RowUpdatedEventArgs(DataRow, IDbCommand, StatementType, DataTableMapping)</a>	Initializes a new instance of the <b>MsDb2RowUpdatedEventArgs</b> class.

Properties

	Name	Description
	<a href="#">Command</a>	Gets the MsDb2Command executed when Update is called.
	<a href="#">Errors</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">RecordsAffected</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">Row</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">RowCount</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">StatementType</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">Status</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)
	<a href="#">TableMapping</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)

Methods

	Name	Description
	<a href="#">CopyToRows(DataRow[])</a>	(Inherited from <a href="#">RowUpdatedEventArgs</a> .)

 <a href="#">CopyToRows(DataRow[], Int32)</a>	(Inherited from <a href="#">RowUpdatedEventArgs.</a> )
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2RowUpdatedEventArgs Members

Provides data for the RowUpdated event.

The following tables list the members exposed by the [MsDb2RowUpdatedEventArgs](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2RowUpdatedEventArgs</a>	Initializes a new instance of the <a href="#">MsDb2RowUpdatedEventArgs</a> class.









## Top

## Public Fields

Name	Description
 <a href="#">Empty</a>	(inherited from <a href="#">EventArgs</a> )








## Top

## Public Properties

Name	Description
 <a href="#">Command</a>	Gets the MsDb2Command executed when Update is called.
 <a href="#">Errors</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">RecordsAffected</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">Row</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">RowCount</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">StatementType</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">Status</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">TableMapping</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CopyToRows</a>	Overloaded. (inherited from <a href="#">RowUpdatedEventArgs</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also

## Reference

[MsDb2RowUpdatedEventArgs Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventArgs Fields

Public Fields

	Name	Description
	<a href="#">Empty</a>	(inherited from <a href="#">EventArgs</a> )

See Also

**Reference**

- [MsDb2RowUpdatedEventArgs Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2RowUpdatedEventArgs Constructor

Initializes a new instance of the [MsDb2RowUpdatedEventArgs](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    row As DataRow, _
    command As IDbCommand, _
    statementType As StatementType, _
    tableMapping As DataTableMapping _
)
```

C#

```
public MsDb2RowUpdatedEventArgs (
    DataRow row,
    IDbCommand command,
    StatementType statementType,
    DataTableMapping tableMapping
)
```

C++

```
public:
    MsDb2RowUpdatedEventArgs (
        DataRow^ row,
        IDbCommand^ command,
        StatementType statementType,
        DataTableMapping^ tableMapping
    )
```

J#

```
public MsDb2RowUpdatedEventArgs (
    DataRow row,
    IDbCommand command,
    StatementType statementType,
    DataTableMapping tableMapping
)
```

JScript

```
public function MsDb2RowUpdatedEventArgs (
    row : DataRow,
    command : IDbCommand,
    statementType : StatementType,
    tableMapping : DataTableMapping
)
```

## Parameters

row

The DataRow sent through an Update.

command

The IDbCommand executed when Update is called.

statementType

One of the StatementType values that specifies the type of query executed.

tableMapping

The DataTableMapping sent through an Update.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**








[MsDb2RowUpdatedEventArgs Class](#)

[MsDb2RowUpdatedEventArgs Members](#)



[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventArgs Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CopyToRows</a>	Overloaded. (inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )









See Also

**Reference**

- [MsDb2RowUpdatedEventArgs Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventArgs Properties

Public Properties

	Name	Description
	<a href="#">Command</a>	Gets the MsDb2Command executed when Update is called.
	<a href="#">Errors</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">RecordsAffected</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">Row</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">RowCount</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">StatementType</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">Status</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )
	<a href="#">TableMapping</a>	(inherited from <a href="#">RowUpdatedEventArgs</a> )

See Also

Reference

- [MsDb2RowUpdatedEventArgs Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventArgs.Command Property

Gets the MsDb2Command executed when Update is called.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Command As MsDb2Command
```

C#

```
public MsDb2Command Command { get; }
```

C++

```
public:  
property MsDb2Command^ Command {  
    MsDb2Command^ get ();  
}
```

J#

```
/** @property */  
public MsDb2Command get_Command ()
```

JScript

```
public function get Command () : MsDb2Command
```

## Property Value

The MsDb2Command executed when Update is called.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2RowUpdatedEventArgs Class](#)

[MsDb2RowUpdatedEventArgs Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatedEventHandler Delegate

Represents the method that will handle the MsDb2RowUpdatedEvent of the MsDb2DataAdapter.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public delegate void MsDb2RowUpdatedEventHandler(  
    object sender,  
    MsDb2RowUpdatedEventArgs e  
)
```

C++

```
public delegate void MsDb2RowUpdatedEventHandler(  
    Object^ sender,  
    MsDb2RowUpdatedEventArgs^ e  
)
```

F#

```
type MsDb2RowUpdatedEventHandler =  
    delegate of  
        sender: Object *  
        e: MsDb2RowUpdatedEventArgs -> unit
```

VB

```
Public Delegate Sub MsDb2RowUpdatedEventHandler (  
    sender As Object,  
    e As MsDb2RowUpdatedEventArgs  
)
```

## Parameters

*sender*

Type: [System.Object](#)

The source of the event.

*e*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2RowUpdatedEventArgs](#)

The MsDb2RowUpdatedEvent that contains the event data.

## Remarks

The handler is not required to perform any action, and your code should avoid generating exceptions or allowing exceptions to propagate to the calling method. Any exceptions that do reach the caller are ignored.

When you create an MsDb2RowUpdatedEventArgs delegate, you identify the method that will handle the event. To associate the event with your event handler, add an instance of the delegate to the event. The event handler is called whenever the event occurs, unless you remove the delegate.

## See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2RowUpdatingEventArgs Class

Provides data for the RowUpdating event.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)  
[System.EventArgs](#)  
[System.Data.Common.RowUpdatingEventArgs](#)  
**Microsoft.HostIntegration.MsDb2Client.MsDb2RowUpdatingEventArgs**

Syntax  
C#

```
public sealed class MsDb2RowUpdatingEventArgs : RowUpdatingEventArgs
```

C++

```
public ref class MsDb2RowUpdatingEventArgs sealed : RowUpdatingEventArgs
```

F#

```
[<Sealed>]  
type MsDb2RowUpdatingEventArgs =  
    class  
        inherit RowUpdatingEventArgs  
    end
```







VB

```
Public NotInheritable Class MsDb2RowUpdatingEventArgs  
    Inherits RowUpdatingEventArgs
```




## Constructors


Name	Description
 <a href="#">MsDb2RowUpdatingEventArgs(DataRow, IDbCommand, StatementType, DataTableMapping)</a>	Initializes a new instance of the <b>MsDb2RowUpdatingEventArgs</b> class.

## Properties

Name	Description
 <a href="#">Command</a>	Gets or sets the MsDb2Command to execute when performing the Update.
 <a href="#">Errors</a>	(Inherited from <a href="#">RowUpdatingEventArgs</a> .)
 <a href="#">Row</a>	(Inherited from <a href="#">RowUpdatingEventArgs</a> .)
 <a href="#">StatementType</a>	(Inherited from <a href="#">RowUpdatingEventArgs</a> .)
 <a href="#">Status</a>	(Inherited from <a href="#">RowUpdatingEventArgs</a> .)
 <a href="#">TableMapping</a>	(Inherited from <a href="#">RowUpdatingEventArgs</a> .)

## Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)

 ToString()	(Inherited from <a href="#">Object.</a> )
--	---

#### Remarks

The RowUpdating event is raised before an Update to a row.

When using Update, there are two events that occur for each data row updated. The order of execution is as follows:

1. The values in the DataRow are moved to the parameter values.
2. The OnRowUpdating event is raised.
3. The command executes.
4. If the command is set to FirstReturnedRecord, then the first returned result is placed in the DataRow.
5. If there are output parameters, they are placed in the DataRow.
6. The OnRowUpdated event is raised.
7. AcceptChanges is called.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2RowUpdatingEventArgs Members

Provides data for the RowUpdating event.


The following tables list the members exposed by the [MsDb2RowUpdatingEventArgs](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2RowUpdatingEventArgs</a>	Initializes a new instance of the <a href="#">MsDb2RowUpdatingEventArgs</a> class.


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## Public Fields

Name	Description
 <a href="#">Empty</a>	(inherited from <a href="#">EventArgs</a> )


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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">Command</a>	Gets or sets the MsDb2Command to execute when performing the Update.
 <a href="#">Errors</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
 <a href="#">Row</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
 <a href="#">StatementType</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
 <a href="#">Status</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
 <a href="#">TableMapping</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )







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## Protected Properties

Name	Description
 <a href="#">BaseCommand</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

## Reference

[MsDb2RowUpdatingEventArgs Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventArgs Fields

Public Fields

	Name	Description
	<a href="#">Empty</a>	(inherited from <a href="#">EventArgs</a> )

See Also

**Reference**

- [MsDb2RowUpdatingEventArgs Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventArgs Constructor

Initializes a new instance of the [MsDb2RowUpdatingEventArgs](#) class.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    row As DataRow, _
    command As IDbCommand, _
    statementType As StatementType, _
    tableMapping As DataTableMapping _
)
```

C#

```
public MsDb2RowUpdatingEventArgs (
    DataRow row,
    IDbCommand command,
    StatementType statementType,
    DataTableMapping tableMapping
)
```

C++

```
public:
    MsDb2RowUpdatingEventArgs (
        DataRow^ row,
        IDbCommand^ command,
        StatementType statementType,
        DataTableMapping^ tableMapping
    )
```

J#

```
public MsDb2RowUpdatingEventArgs (
    DataRow row,
    IDbCommand command,
    StatementType statementType,
    DataTableMapping tableMapping
)
```

JScript

```
public function MsDb2RowUpdatingEventArgs (
    row : DataRow,
    command : IDbCommand,
    statementType : StatementType,
    tableMapping : DataTableMapping
)
```

## Parameters

row

The DataRow to Update.

command

The IDbCommand to execute during Update.

statementType

One of the StatementType values that specifies the type of query executed.

tableMapping

The DataTableMapping sent through an Update.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[MsDb2RowUpdatingEventArgs Class](#)

[MsDb2RowUpdatingEventArgs Members](#)




[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventArgs Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )







See Also

**Reference**


- [MsDb2RowUpdatingEventArgs Class](#)
- [Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventArgs Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Command</a>	Gets or sets the MsDb2Command to execute when performing the Update.
	<a href="#">Errors</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
	<a href="#">Row</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
	<a href="#">StatementType</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
	<a href="#">Status</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )
	<a href="#">TableMapping</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )

Protected Properties

	Name	Description
	<a href="#">BaseCommand</a>	(inherited from <a href="#">RowUpdatingEventArgs</a> )

See Also

**Reference**

[MsDb2RowUpdatingEventArgs Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventArgs.Command Property

Gets or sets the MsDb2Command to execute when performing the Update.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Command As MsDb2Command
```

C#

```
public MsDb2Command Command { get; set; }
```

C++

```
public:
property MsDb2Command^ Command {
    MsDb2Command^ get ();
    void set (MsDb2Command^ value);
}
```

J#

```
/** @property */
public MsDb2Command get_Command ()

/** @property */
public void set_Command (MsDb2Command value)
```

JScript

```
public function get Command () : MsDb2Command

public function set Command (value : MsDb2Command)
```

## Property Value

The MsDb2Command to execute when performing the Update.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2RowUpdatingEventArgs Class](#)

[MsDb2RowUpdatingEventArgs Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2RowUpdatingEventHandler Delegate

Represents the method that handles the RowUpdating event of the MsDb2DataAdapter.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public delegate void MsDb2RowUpdatingEventHandler(  
    object sender,  
    MsDb2RowUpdatingEventArgs e  
)
```

C++

```
public delegate void MsDb2RowUpdatingEventHandler(  
    Object^ sender,  
    MsDb2RowUpdatingEventArgs^ e  
)
```

F#

```
type MsDb2RowUpdatingEventHandler =  
    delegate of  
        sender: Object *  
        e: MsDb2RowUpdatingEventArgs -> unit
```

VB

```
Public Delegate Sub MsDb2RowUpdatingEventHandler (  
    sender As Object,  
    e As MsDb2RowUpdatingEventArgs  
)
```

## Parameters

*sender*

Type: [System.Object](#)

The source of the event.

*e*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2RowUpdatingEventArgs](#)

The MsDb2RowUpdatingEventArgs that contains the event data.

## Remarks

The handler is not required to perform any action, and your code should avoid generating exceptions or allowing exceptions to propagate to the calling method. Any exceptions that do reach the caller are ignored.

Use the handler to process MsDb2RowUpdatingEventArgs and to specify how updates are processed. For example, you may opt to skip the update of the current row or skip the update of all remaining rows. Note that the rows are updated in the order that they were received from the data source.

When you create an MsDb2RowUpdatingEventArgs delegate, you identify the method that will handle the event. To associate the event with your event handler, add an instance of the delegate to the event. The event handler is called whenever the event occurs, unless you remove the delegate.

## See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# MsDb2Transaction Class

Describes a transaction to be performed at a data source.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.Data.Common.DbTransaction](#)

**Microsoft.HostIntegration.MsDb2Client.MsDb2Transaction**

Syntax

C#

```
public sealed class MsDb2Transaction : DbTransaction
```

C++

```
public ref class MsDb2Transaction sealed : DbTransaction
```



F#

```
[<Sealed>]
type MsDb2Transaction =
    class
        inherit DbTransaction
    end
```









VB



```
Public NotInheritable Class MsDb2Transaction
    Inherits DbTransaction
```

Properties

	Name	Description
	<a href="#">Connection</a>	Gets the connection that owns the transaction.
	<a href="#">IsolationLevel</a>	Gets the isolation level of the transaction as defined by the .NET values.(Overrides <a href="#">DbTransaction.IsolationLevel</a> .)

Methods

	Name	Description
	<a href="#">Commit()</a>	Commits all of the SQL commands that have been executed since the beginning of the transaction . (Overrides <a href="#">DbTransaction.Commit()</a> .)
	<a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">Dispose()</a>	(Inherited from <a href="#">DbTransaction</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)

 <a href="#">Rollback()</a>	Rolls back all of the SQL commands that have been executed since the beginning of the transaction. (Overrides <a href="#">DbTransaction.Rollback()</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Remarks

MsDb2Transaction contains an implementation of the IDbTransaction interface.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



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# MsDb2Transaction Members

Describes a transaction to be performed at a data source.

The following tables list the members exposed by the [MsDb2Transaction](#) type.

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Connection</a>	Gets the connection that owns the transaction.
	<a href="#">IsolationLevel</a>	Overridden. Gets the isolation level of the transaction as defined by the .NET values.













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Protected Properties

	Name	Description
	<a href="#">DbConnection</a>	(inherited from <a href="#">DbTransaction</a> )




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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Commit</a>	Overridden. Commits all of the SQL commands that have been executed since the beginning of the transaction.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbTransaction</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rollback</a>	Overridden. Rolls back all of the SQL commands that have been executed since the beginning of the transaction.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbTransaction</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.DbTransaction.Connection</a>	(inherited from <a href="#">DbTransaction</a> )

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See Also








## Reference

[MsDb2Transaction Class](#)




[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Transaction Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Commit</a>	Overridden. Commits all of the SQL commands that have been executed since the beginning of the transaction.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbTransaction</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Rollback</a>	Overridden. Rolls back all of the SQL commands that have been executed since the beginning of the transaction.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbTransaction</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

See Also

## Reference

[MsDb2Transaction Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Transaction.Commit Method

Commits all of the SQL commands that have been executed since the beginning of the transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Commit
```

C#

```
public override void Commit ()
```

C++

```
public:  
virtual void Commit () override
```

J#

```
public void Commit ()
```

JScript

```
public override function Commit ()
```

Remarks

Calling Commit persists the Insert, Update, Delete, and similar commands on the DB2 system.

**Implements**

IDbTransaction.Commit

**Exceptions**

Exception	Situation
ConnectionNotOpenException	There is no connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2Transaction Class](#)

[MsDb2Transaction Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Transaction.Rollback Method

Rolls back all of the SQL commands that have been executed since the beginning of the transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Rollback
```

C#

```
public override void Rollback ()
```

C++

```
public:  
virtual void Rollback () override
```

J#

```
public void Rollback ()
```

JScript

```
public override function Rollback ()
```

Remarks

Calling Rollback rejects and rolls back the Insert, Update, Delete, and similar commands on the DB2 system.

The transaction can only be rolled back from a pending state (after BeginTransaction has been called, but before Commit is called).

**Implements**

IDbTransaction.Rollback

**Exceptions**

Exception	Situation
ConnectionNotOpenException	There is no connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**



[MsDb2Transaction Class](#)

[MsDb2Transaction Members](#)


[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Transaction Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Connection</a>	Gets the connection that owns the transaction.
	<a href="#">IsolationLevel</a>	Overridden. Gets the isolation level of the transaction as defined by the .NET values.

Protected Properties

	Name	Description
	<a href="#">DbConnection</a>	(inherited from <a href="#">DbTransaction</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbTransaction.Connection</a>	(inherited from <a href="#">DbTransaction</a> )

See Also

## Reference

[MsDb2Transaction Class](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Transaction.Connection Property

Gets the connection that owns the transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2Client

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Connection As MsDb2Connection
```

C#

```
public MsDb2Connection Connection { get; }
```

C++

```
public:
property MsDb2Connection^ Connection {
    MsDb2Connection^ get ();
}
```

J#

```
/** @property */
public MsDb2Connection get_Connection ()
```

JScript

```
public function get Connection () : MsDb2Connection
```

## Property Value

An IDbConnection containing the connection that owns the transaction, or a null reference (Nothing in Microsoft Visual Basic) if the transaction is no longer valid.

Remarks

A transaction can have only one parent connection.

A single application may have multiple database connections, each with zero or more transactions. This property enables you to determine the connection object associated with a particular transaction created by BeginTransaction.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2Transaction Class](#)

[MsDb2Transaction Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)



# MsDb2Transaction.IsolationLevel Property

Gets the isolation level of the transaction as defined by the .NET values.

**Namespace:** Microsoft.HostIntegration.MsDb2Client  
**Assembly:** Microsoft.HostIntegration.MsDb2Client (in microsoft.hostintegration.msdb2client.dll)  
[Usage](#)  
[Syntax](#)  
[VB](#)

```
'Declaration
Public Overrides ReadOnly Property IsolationLevel As IsolationLevel
```

C#

```
public override IsolationLevel IsolationLevel { get; }
```

C++

```
public:
virtual property IsolationLevel IsolationLevel {
    IsolationLevel get () override;
}
```

J#

```
/** @property */
public IsolationLevel get_IsolationLevel ()
```

JScript

```
public override function get IsolationLevel () : IsolationLevel
```

## Property Value

IsolationLevel containing the isolation level of the transaction as defined by the .NET values. The default is ReadCommitted.

The following table describes the possible values for IsolationLevel.

Member name	Description
Chaos	The pending changes from more highly isolated transactions cannot be overwritten.
ReadCommitted	Shared locks are held while the data is being read to avoid dirty reads, but the data can be changed before the end of the transaction, resulting in nonrepeatable reads or phantom data.
ReadUncommitted	A dirty read is possible, meaning that no shared locks are issued, and no exclusive locks are honored.
RepeatableRead	Locks are placed on all data that is used in a query, preventing other users from updating the data. Prevents non-repeatable reads, but phantom rows are still possible.
Serializable	A range lock is placed on the DataSet, preventing other users from updating or inserting rows into the DataSet until the transaction is complete.
Unspecified	A different isolation level than the one specified is being used, but the level cannot be determined.

Remarks

Parallel transactions are not supported. Therefore, the IsolationLevel applies to the entire transaction.

### **Implements**

IDbTransaction.IsolationLevel

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### **Target Platforms**

See Also

### **Reference**

[MsDb2Transaction Class](#)

[MsDb2Transaction Members](#)

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

# MsDb2Type Enumeration

Specifies the data type of a field, a property, or an MsDb2Parameter.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public enum MsDb2Type
```

C++

```
public enum class MsDb2Type
```

F#

```
type MsDb2Type
```

VB

```
Public Enumeration MsDb2Type
```

Members

Member name	Description
<b>BigInt</b>	A 64-bit signed integer (DBTYPE_I8). This maps to Int64.
<b>Binary</b>	<b>Obsolete.</b> Variable-length stream of binary data ranging between 1 and 8,000 bytes. (DBTYPE_BYTES). ADO.NET cannot correctly infer the type if the byte array is larger than 8,000 bytes. Explicitly specify the DbType when working with byte arrays larger than 8,000 bytes. This maps to an Array of type Byte.
<b>Bit</b>	<b>Obsolete.</b> A Boolean value (DBTYPE_BOOL). This maps to Boolean.
<b>BLOB</b>	
<b>Char</b>	A character string (DBTYPE_STR). This maps to String.
<b>CharForBit</b>	The CharForBit type.
<b>CLOB</b>	
<b>Date</b>	Date and time data ranging in value from January 1, 1753 to December 31, 9999 to an accuracy of 3.33 milliseconds. This maps to DateTime.
<b>DBCLOB</b>	
<b>Decimal</b>	A simple type representing values ranging from $1.0 \times 10^{-28}$ to approximately $7.9 \times 10^{28}$ with 28-29 significant digits. (DBTYPE_DECIMAL). This maps to Decimal.
<b>Double</b>	A floating point number within the range of $-1.79E+308$ through $1.79E+308$ (DBTYPE_R8). This maps to Double.
<b>Graphic</b>	The Graphic type.
<b>Int</b>	An integral type representing signed 32-bit integers with values between -2147483648 and 2147483647. (DBTYPE_I4). This maps to Int32.
<b>Numeric</b>	An exact numeric value with a fixed precision and scale (DBTYPE_NUMERIC). This maps to Decimal.

<b>Real</b>	Signed, approximate, numeric value with a binary precision 24 (zero or absolute value 10[–38] to 10[38]). (SQL_REAL). This maps to Single.
<b>Small Int</b>	An integral type representing signed 16-bit integers with values between -32768 and 32767. (DBTYPE_I2). This maps to Int16.
<b>Time</b>	Date and time data ranging in value from January 1, 1753 to December 31, 9999 to an accuracy of 3.33 milliseconds. (DBTYPE_DBTIME). This maps to TimeSpan.
<b>Timestamp</b>	Data and time data in the format yyyyymmddhhmmss (DBTYPE_DBTIMESTAMP). This maps to DateTime.
<b>TinyInt</b>	<b>Obsolete.</b> A 8-bit signed integer (DBTYPE_I1). This maps to SByte.
<b>VarBinary</b>	<b>Obsolete.</b> A variable-length stream of binary data (OleDbParameter only). This maps to an Array of type Byte.
<b>VarChar</b>	A variable-length stream of non-Unicode characters (OleDbParameter only). This maps to String.
<b>VarCharForBit</b>	The VarCharForBit type.
<b>VarGraphic</b>	The VarGraphic type.
<b>VarWideChar</b>	<b>Obsolete.</b> The VarWideChar type.
<b>VarWideGraphic</b>	<b>Obsolete.</b> The VarWideGraphic type.
<b>WideChar</b>	<b>Obsolete.</b> A null-terminated stream of Unicode characters (DBTYPE_WSTR). This maps to String.

#### Remarks

The following table shows mappings between MsDb2Type data types, OLE DB data types (shown in parentheses), and .NET Framework types.

#### See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# TimeoutCallback Delegate

Represents the method that handles call from a Timeout.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public delegate void TimeoutCallback(  
    object state  
)
```

C++

```
public delegate void TimeoutCallback(  
    Object^ state  
)
```

F#

```
type TimeoutCallback =  
    delegate of  
        state:Object -> unit
```

VB

```
Public Delegate Sub TimeoutCallback (  
    state As Object  
)
```

See Also

[Microsoft.HostIntegration.MsDb2Client Namespace](#)

[Return to top](#)

# UnitsOfWorkType Enumeration

Specifies the type of transaction supported by the provider.

**Namespace:** [Microsoft.HostIntegration.MsDb2Client](#)

**Assembly:** Microsoft.HostIntegration.MsDb2Client (in Microsoft.HostIntegration.MsDb2Client.dll)

Syntax

C#

```
public enum UnitsOfWorkType
```

C++

```
public enum class UnitsOfWorkType
```

F#

```
type UnitsOfWorkType
```

VB

```
Public Enumeration UnitsOfWorkType
```

Members

Member name	Description
<b>DistributedUnitOfWork</b>	Distributed units of work.
<b>DUW</b>	Abbreviation for distributed unit of work.
<b>RemoteUnitOfWork</b>	Remote units of work.
<b>RUW</b>	Abbreviation for remote unit of work.

See Also





[Microsoft.HostIntegration.MsDb2Client Namespace](#)

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# Microsoft.HostIntegration.MsDb2EntityClient Namespace

Describes a server-side forward-only cursor implementation that inherits from the IDataReader and IDataRecord interfaces.

## Classes

	Class	Description
	<a href="#">MsDb2EntityCommand</a>	Represents the entity commands for the entity client.
	<a href="#">MsDb2EntityDataReader</a>	Provides a way of reading a forward-only stream of rows from a database.
	<a href="#">SqlGenerator</a>	Provides ability to automatically generate T-SQL based stored procedures using the SQL Server SMO libraries.
	<a href="#">SqlWriter</a>	Represents the SQL Writer.

## Interfaces

	Interface	Description
	<a href="#">ISqlFragment</a>	Defines a method that represents the sql fragment for any node in the query tree.

[Return to top](#)

# ISqlFragment Interface

Defines a method that represents the sql fragment for any node in the query tree.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Syntax

C#

```
public interface ISqlFragment
```

C++

```
public interface class ISqlFragment
```


F#

```
type ISqlFragment = interface end
```

VB

```
Public Interface ISqlFragment
```

Methods

	Name	Description
	<a href="#">WriteSql(SqlWriter, SqlGenerator)</a>	Writes the string represented by this fragment into the stream.

See Also

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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# ISqlFragment Members

Defines a method that represents the sql fragment for any node in the query tree.

The following tables list the members exposed by the [ISqlFragment](#) type.

## Public Methods

	Name	Description
	<a href="#">WriteSql</a>	Writes the string represented by this fragment into the stream.

[Top](#)

See Also


## Reference

[ISqlFragment Interface](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# ISqlFragment Methods

Public Methods

	Name	Description
	<a href="#">WriteSql</a>	Writes the string represented by this fragment into the stream.

See Also

Reference

- [ISqlFragment Interface](#)
- [Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# ISqlFragment.WriteSql Method

Writes the string represented by this fragment into the stream.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub WriteSql ( _
    writer As SqlWriter, _
    sqlGenerator As SqlGenerator _
)
```

C#

```
void WriteSql (
    SqlWriter writer,
    SqlGenerator sqlGenerator
)
```

C++

```
void WriteSql (
    SqlWriter^ writer,
    SqlGenerator^ sqlGenerator
)
```

J#

```
void WriteSql (
    SqlWriter writer,
    SqlGenerator sqlGenerator
)
```

JScript

```
function WriteSql (
    writer : SqlWriter,
    sqlGenerator : SqlGenerator
)
```

## Parameters

writer

Provides added functionality for backup and restore the SQL Server.

sqlGenerator

Provides the ability to automatically generate T-SQL based stored procedures using the SQL Server SMO libraries.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ISqlFragment Interface](#)

[ISqlFragment Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityCommand Class

Represents the entity commands for the entity client.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.ComponentModel.Component](#)

[System.Data.Common.DbCommand](#)

**Microsoft.HostIntegration.MsDb2EntityClient.MsDb2EntityCommand**

Syntax

C#

```
public class MsDb2EntityCommand : DbCommand, ICloneable
```

C++

```
public ref class MsDb2EntityCommand : DbCommand, ICloneable
```





F#

```
type MsDb2EntityCommand =  
    class  
        inherit DbCommand  
        interface ICloneable  
    end
```




VB















```
Public Class MsDb2EntityCommand  
    Inherits DbCommand  
    Implements ICloneable
```

Constructors













	Name	Description
	<a href="#">MsDb2EntityCommand()</a>	Initializes a new instance of the <b>MsDb2EntityCommand</b> class using default values.
	<a href="#">MsDb2EntityCommand(String)</a>	Initializes a new instance of the <b>MsDb2EntityCommand</b> class with specified command text.
	<a href="#">MsDb2EntityCommand(String, MsDb2Connection)</a>	Initializes a new instance of the <b>MsDb2EntityCommand</b> class with specified command text and connection.
	<a href="#">MsDb2EntityCommand(String, MsDb2Connection, DbTransaction)</a>	Initializes a new instance of the <b>MsDb2EntityCommand</b> class with specified command text, connection, and transaction.




















Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">CommandText</a>	Gets or sets the Transact-SQL statement, table name, or stored procedure to execute at the data source.(Overrides <a href="#">DbCommand.CommandText</a> .)
	<a href="#">CommandTimeout</a>	Gets or sets the wait time before terminating the attempt to execute a command and generating an error.(Overrides <a href="#">DbCommand.CommandTimeout</a> .)


	<a href="#">CommandType</a>	Gets or sets a value indicating how the CommandText property is to be interrupted.(Overrides <a href="#">DbCommand.CommandType</a> .)
	<a href="#">Connection</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">DbConnection</a>	Gets or sets the DbConnection used by this DbCommand.(Overrides <a href="#">DbCommand.DbConnection</a> .)
	<a href="#">DbParameterCollection</a>	Gets the collection of DbParameter objects.(Overrides <a href="#">DbCommand.DbParameterCollection</a> .)
	<a href="#">DbTransaction</a>	Gets or sets the DbTransaction within which this DbCommand object executes.(Overrides <a href="#">DbCommand.DbTransaction</a> .)
	<a href="#">DesignMode</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">DesignTimeVisible</a>	Gets or sets a value indicating whether the command object should be visible in a customized interface control.(Overrides <a href="#">DbCommand.DesignTimeVisible</a> .)
	<a href="#">Events</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Log</a>	Gets or sets the destination to write the SQL query or command.
	<a href="#">Parameters</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">Site</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Transaction</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">UpdatedRowSource</a>	Gets or sets how command results are applied to the DataRow when used by the <b>Update</b> method of the DbDataAdapter.(Overrides <a href="#">DbCommand.UpdatedRowSource</a> .)

#### Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Cancel()</a>	Tries to cancel the execution of the command.(Overrides <a href="#">DbCommand.Cancel()</a> .)
	<a href="#">CreateDbParameter()</a>	Creates a new instance of a DbParameter object.(Overrides <a href="#">DbCommand.CreateDbParameter()</a> .)
	<a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">CreateParameter()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ExecuteDbDataReader(CommandBehavior)</a>	Executes the command text against the connection.(Overrides <a href="#">DbCommand.ExecuteDbDataReader(CommandBehavior)</a> .)
	<a href="#">ExecuteDbDataReaderAsync(CommandBehavior, CancellationToken)</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">ExecuteNonQuery()</a>	Executes a Transact-SQL statement against the connection and returns the number of rows affected.(Overrides <a href="#">DbCommand.ExecuteNonQuery()</a> .)
	<a href="#">ExecuteNonQueryAsync()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">ExecuteNonQueryAsync(CancellationToken)</a>	(Inherited from <a href="#">DbCommand</a> .)

 ExecuteReader()	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteReader(CommandBehavior)	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteReaderAsync()	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteReaderAsync(CancellationTokens)	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteReaderAsync(CommandBehavior)	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteReaderAsync(CommandBehavior, CancellationTokens)	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteScalar()	Executes the query, and returns the first column of the first row in the result set returned by the query. Additional columns or rows are ignored.(Overrides <a href="#">DbCommand.ExecuteScalar().</a> )
 ExecuteScalarAsync()	(Inherited from <a href="#">DbCommand.</a> )
 ExecuteScalarAsync(CancellationTokens)	(Inherited from <a href="#">DbCommand.</a> )
 Finalize()	(Inherited from <a href="#">Component.</a> )
 GetHashCode()	(Inherited from <a href="#">Object.</a> )
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 GetService(Type)	(Inherited from <a href="#">Component.</a> )
 GetType()	(Inherited from <a href="#">Object.</a> )
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject.</a> )
 Prepare()	Creates a prepared version of the command on an instance of SQL Server.(Overrides <a href="#">DbCommand.Prepare().</a> )
 ToString()	(Inherited from <a href="#">Component.</a> )

#### Events

Name	Description
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component.</a> )

#### Explicit Interface Implementations

Name	Description
 <a href="#">IDbCommand.CreateParameter()</a>	(Inherited from <a href="#">DbCommand.</a> )
 <a href="#">IDbCommand.ExecuteReader()</a>	(Inherited from <a href="#">DbCommand.</a> )
 <a href="#">IDbCommand.ExecuteReader(CommandBehavior)</a>	(Inherited from <a href="#">DbCommand.</a> )
 <a href="#">ICloneable.Clone()</a>	

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

[Return to top](#)

# MsDb2EntityCommand Members

Represents the entity commands for the entity client.













The following tables list the members exposed by the [MsDb2EntityCommand](#) type.

## Public Constructors

Name	Description
<a href="#">MsDb2EntityCommand</a>	Overloaded. Initializes a new instance of the <a href="#">MsDb2EntityCommand</a> class.







## Top

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CommandText</a>	Overridden. Gets or sets the Transact-SQL statement, table name, or stored procedure to execute at the data source.
	<a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
	<a href="#">CommandType</a>	Overridden. Gets or sets a value indicating how the CommandText property is to be interrupted.
	<a href="#">Connection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value indicating whether the command object should be visible in a customized interface control.
	 <a href="#">Log</a>	Gets or sets the destination to write the SQL query or command.
	<a href="#">Parameters</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Transaction</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the <b>Update</b> method of the DbDataAdapter.














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Protected Properties



	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DbConnection</a>	Overridden. Gets or sets the DbConnection used by this DbCommand.
	<a href="#">DbParameterCollection</a>	Overridden. Gets the collection of DbParameter objects.
	<a href="#">DbTransaction</a>	Overridden. Gets or sets the DbTransaction within which this DbCommand object executes.
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

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Public Methods (see also [Protected Methods](#))







	Name	Description
	<a href="#">Cancel</a>	Overridden. Tries to cancel the execution of the command.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteNonQuery</a>	Overridden. Executes a Transact-SQL statement against the connection and returns the number of rows affected.
	<a href="#">ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">ExecuteScalar</a>	Overridden. Executes the query, and returns the first column of the first row in the result set returned by the query. Additional columns or rows are ignored.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Prepare</a>	Overridden. Creates a prepared version of the command on an instance of SQL Server.



 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Component</a> )


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#### Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	Overridden. Creates a new instance of a DbParameter object.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	Overridden. Executes the command text against the connection.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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#### Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

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#### Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">System.ICloneable.Clone</a>	
	<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

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See Also

#### Reference

[MsDb2EntityCommand Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)





# MsDb2EntityCommand Constructor

Initializes a new instance of the [MsDb2EntityCommand](#) class.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

## Overload List

Name	Description
 <a href="#">MsDb2EntityCommand()</a>	Initializes a new instance of the <a href="#">MsDb2EntityCommand</a> class using default values.
 <a href="#">MsDb2EntityCommand(String)</a>	Initializes a new instance of the <a href="#">MsDb2EntityCommand</a> class with specified command text.
 <a href="#">MsDb2EntityCommand(String, MsDb2Connection)</a>	Initializes a new instance of the <a href="#">MsDb2EntityCommand</a> class with specified command text and connection.
 <a href="#">MsDb2EntityCommand(String, MsDb2Connection, DbTransaction)</a>	Initializes a new instance of the <a href="#">MsDb2EntityCommand</a> class with specified command text, connection, and transaction.

## See Also

[MsDb2EntityCommand Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

[Return to top](#)

## MsDb2EntityCommand Constructor ()

Initializes a new instance of the [MsDb2EntityCommand](#) class using default values.

## Syntax

C#

```
public MsDb2EntityCommand()
```

C++

```
public:  
MsDb2EntityCommand()
```

F#

```
new : unit -> MsDb2EntityCommand
```

VB

```
Public Sub New
```

[Return to top](#)

## MsDb2EntityCommand Constructor (String)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text.

## Syntax

C#

```
public MsDb2EntityCommand(  
    string commandText  
)
```

C++

```
public:
```

```
MsDb2EntityCommand(  
    String^ commandText  
)
```

F#

```
new :  
    commandText:string -> MsDb2EntityCommand
```

VB

```
Public Sub New (  
    commandText As String  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The command text for the class.

[Return to top](#)

#### MsDb2EntityCommand Constructor (String, MsDb2Connection)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text and connection.

Syntax

C#

```
public MsDb2EntityCommand(  
    string commandText,  
    MsDb2Connection connection  
)
```

C++

```
public:  
    MsDb2EntityCommand(  
        String^ commandText,  
        MsDb2Connection^ connection  
    )
```

F#

```
new :  
    commandText:string *  
    connection:MsDb2Connection -> MsDb2EntityCommand
```

VB

```
Public Sub New (  
    commandText As String,  
    connection As MsDb2Connection  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The command text for the class.

*connection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

The connection for the class.

[Return to top](#)

#### MsDb2EntityCommand Constructor (String, MsDb2Connection, DbTransaction)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text, connection, and transaction.

## Syntax

### C#

```
public MsDb2EntityCommand(  
    string commandText,  
    MsDb2Connection connection,  
    DbTransaction transaction  
)
```

### C++

```
public:  
    MsDb2EntityCommand(  
        String^ commandText,  
        MsDb2Connection^ connection,  
        DbTransaction^ transaction  
    )
```

### F#

```
new :  
    commandText:string *  
    connection:MsDb2Connection *  
    transaction:DbTransaction -> MsDb2EntityCommand
```

### VB

```
Public Sub New (  
    commandText As String,  
    connection As MsDb2Connection,  
    transaction As DbTransaction  
)
```

## Parameters

### *commandText*

Type: [System.String](#)

The command text for the class.

### *connection*

Type: [Microsoft.HostIntegration.MsDb2Client.MsDb2Connection](#)

The connection for the class.

### *transaction*

Type: [System.Data.Common.DbTransaction](#)

The transaction for the class.

[Return to top](#)

# MsDb2EntityCommand Constructor ()

Initializes a new instance of the [MsDb2EntityCommand](#) class using default values.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MsDb2EntityCommand ()
```

C++

```
public:  
MsDb2EntityCommand ()
```

J#

```
public MsDb2EntityCommand ()
```

JScript

```
public function MsDb2EntityCommand ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Constructor (String)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String _
)
```

C#

```
public MsDb2EntityCommand (
    string commandText
)
```

C++

```
public:
    MsDb2EntityCommand (
        String^ commandText
    )
```

J#

```
public MsDb2EntityCommand (
    String commandText
)
```

JScript

```
public function MsDb2EntityCommand (
    commandText : String
)
```

## Parameters

commandText

The command text for the class.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Constructor (String, MsDb2Connection)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text and connection.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String, _
    connection As MsDb2Connection _
)
```

C#

```
public MsDb2EntityCommand (
    string commandText,
    MsDb2Connection connection
)
```

C++

```
public:
    MsDb2EntityCommand (
        String^ commandText,
        MsDb2Connection^ connection
    )
```

J#

```
public MsDb2EntityCommand (
    String commandText,
    MsDb2Connection connection
)
```

JScript

```
public function MsDb2EntityCommand (
    commandText : String,
    connection : MsDb2Connection
)
```

## Parameters

commandText

The command text for the class.

connection

The connection for the class.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Constructor (String, MsDb2Connection, DbTransaction)

Initializes a new instance of the [MsDb2EntityCommand](#) class with specified command text, connection, and transaction.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String, _
    connection As MsDb2Connection, _
    transaction As DbTransaction _
)
```

C#

```
public MsDb2EntityCommand (
    string commandText,
    MsDb2Connection connection,
    DbTransaction transaction
)
```

C++

```
public:
    MsDb2EntityCommand (
        String^ commandText,
        MsDb2Connection^ connection,
        DbTransaction^ transaction
    )
```

J#

```
public MsDb2EntityCommand (
    String commandText,
    MsDb2Connection connection,
    DbTransaction transaction
)
```

JScript

```
public function MsDb2EntityCommand (
    commandText : String,
    connection : MsDb2Connection,
    transaction : DbTransaction
)
```

## Parameters

commandText

The command text for the class.

connection

The connection for the class.

transaction

The transaction for the class.

Platforms



**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**
















[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)







[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Cancel</a>	Overridden. Tries to cancel the execution of the command.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteNonQuery</a>	Overridden. Executes a Transact-SQL statement against the connection and returns the number of rows affected.
	<a href="#">ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">ExecuteScalar</a>	Overridden. Executes the query, and returns the first column of the first row in the result set returned by the query. Additional columns or rows are ignored.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Prepare</a>	Overridden. Creates a prepared version of the command on an instance of SQL Server.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )

Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	Overridden. Creates a new instance of a DbParameter object.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	Overridden. Executes the command text against the connection.
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
<a href="#">System.ICloneable.Clone</a>	

See Also

## Reference

[MsDb2EntityCommand Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.Cancel Method

Tries to cancel the execution of the command.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Cancel
```

C#

```
public override void Cancel ()
```

C++

```
public:  
virtual void Cancel () override
```

J#

```
public void Cancel ()
```

JScript

```
public override function Cancel ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.CreateDbParameter Method

Creates a new instance of a DbParameter object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Function CreateDbParameter As DbParameter
```

C#

```
protected override DbParameter CreateDbParameter ()
```

C++

```
protected:  
virtual DbParameter^ CreateDbParameter () override
```

J#

```
protected DbParameter CreateDbParameter ()
```

JScript

```
protected override function CreateDbParameter () : DbParameter
```

## Return Value

A DbParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.ExecuteDbDataReader Method

Executes the command text against the connection.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function ExecuteDbDataReader ( _
    behavior As CommandBehavior _
) As DbDataReader
```

C#

```
protected override DbDataReader ExecuteDbDataReader (
    CommandBehavior behavior
)
```

C++

```
protected:
virtual DbDataReader^ ExecuteDbDataReader (
    CommandBehavior behavior
) override
```

J#

```
protected DbDataReader ExecuteDbDataReader (
    CommandBehavior behavior
)
```

JScript

```
protected override function ExecuteDbDataReader (
    behavior : CommandBehavior
) : DbDataReader
```

## Parameters

behavior

An instance of CommandBehavior.

## Return Value

A DbDataReader.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.ExecuteNonQuery Method

Executes a Transact-SQL statement against the connection and returns the number of rows affected.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ExecuteNonQuery As Integer
```

C#

```
public override int ExecuteNonQuery ()
```

C++

```
public:  
virtual int ExecuteNonQuery () override
```

J#

```
public int ExecuteNonQuery ()
```

JScript

```
public override function ExecuteNonQuery () : int
```

## Return Value

The number of rows affected.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.ExecuteScalar Method

Executes the query, and returns the first column of the first row in the result set returned by the query. Additional columns or rows are ignored.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ExecuteScalar As Object
```

C#

```
public override Object ExecuteScalar ()
```

C++

```
public:
virtual Object^ ExecuteScalar () override
```

J#

```
public Object ExecuteScalar ()
```

JScript

```
public override function ExecuteScalar () : Object
```

## Return Value

The first column of the first row in the result set, or **null** reference if the result set is empty. Returns a maximum of 2033 characters.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.Prepare Method

Creates a prepared version of the command on an instance of SQL Server.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Prepare
```

C#

```
public override void Prepare ()
```

C++

```
public:  
virtual void Prepare () override
```

J#

```
public void Prepare ()
```

JScript

```
public override function Prepare ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityCommand.System.ICloneable.Clone Method

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
```

C#

C++

J#

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**













[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)







[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CommandText</a>	Overridden. Gets or sets the Transact-SQL statement, table name, or stored procedure to execute at the data source.
	<a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
	<a href="#">CommandType</a>	Overridden. Gets or sets a value indicating how the CommandText property is to be interrupted.
	<a href="#">Connection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value indicating whether the command object should be visible in a customized interface control.
 	<a href="#">Log</a>	Gets or sets the destination to write the SQL query or command.
	<a href="#">Parameters</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Transaction</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the <b>Update</b> method of the DbDataAdapter.

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DbConnection</a>	Overridden. Gets or sets the DbConnection used by this DbCommand.
	<a href="#">DbParameterCollection</a>	Overridden. Gets the collection of DbParameter objects.
	<a href="#">DbTransaction</a>	Overridden. Gets or sets the DbTransaction within which this DbCommand object executes.
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

See Also

## Reference

[MsDb2EntityCommand Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.CommandText Property

Gets or sets the Transact-SQL statement, table name, or stored procedure to execute at the data source.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property CommandText As String
```

C#

```
public override string CommandText { get; set; }
```

C++

```
public:
virtual property String^ CommandText {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_CommandText ()

/** @property */
public void set_CommandText (String value)
```

JScript

```
public override function get CommandText () : String

public override function set CommandText (value : String)
```

## Property Value

The Transact-SQL statement or stored procedure to execute. The default is an empty string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.CommandTimeout Property

Gets or sets the wait time before terminating the attempt to execute a command and generating an error.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property CommandTimeout As Integer
```

C#

```
public override int CommandTimeout { get; set; }
```

C++

```
public:
virtual property int CommandTimeout {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_CommandTimeout ()

/** @property */
public void set_CommandTimeout (int value)
```

JScript

```
public override function get CommandTimeout () : int

public override function set CommandTimeout (value : int)
```

## Property Value

The time in seconds to wait for the command to execute. The default is 30 seconds.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.CommandType Property

Gets or sets a value indicating how the CommandText property is to be interrupted.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property CommandType As CommandType
```

C#

```
public override CommandType CommandType { get; set; }
```

C++

```
public:
virtual property CommandType CommandType {
    CommandType get () override;
    void set (CommandType value) override;
}
```

J#

```
/** @property */
public CommandType get_CommandType ()

/** @property */
public void set_CommandType (CommandType value)
```

JScript

```
public override function get CommandType () : CommandType

public override function set CommandType (value : CommandType)
```

## Property Value

One of the CommandType values. The default is Text.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.DbConnection Property

Gets or sets the DbConnection used by this DbCommand.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Property DbConnection As DbConnection
```

C#

```
protected override DbConnection DbConnection { get; set; }
```

C++

```
protected:
virtual property DbConnection^ DbConnection {
    DbConnection^ get () override;
    void set (DbConnection^ value) override;
}
```

J#

```
/** @property */
protected DbConnection get_DbConnection ()

/** @property */
protected void set_DbConnection (DbConnection value)
```

JScript

```
protected override function get DbConnection () : DbConnection

protected override function set DbConnection (value : DbConnection)
```

## Property Value

The connection to the data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.DbParameterCollection Property

Gets the collection of DbParameter objects.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property DbParameterCollection As DbParameterCollection
```

C#

```
protected override DbParameterCollection DbParameterCollection { get; }
```

C++

```
protected:
virtual property DbParameterCollection^ DbParameterCollection {
    DbParameterCollection^ get () override;
}
```

J#

```
/** @property */
protected DbParameterCollection get_DbParameterCollection ()
```

JScript

```
protected override function get DbParameterCollection () : DbParameterCollection
```

## Property Value

The parameters of the SQL statement or stored procedure.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.DbTransaction Property

Gets or sets the DbTransaction within which this DbCommand object executes.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Property DbTransaction As DbTransaction
```

C#

```
protected override DbTransaction DbTransaction { get; set; }
```

C++

```
protected:
virtual property DbTransaction^ DbTransaction {
    DbTransaction^ get () override;
    void set (DbTransaction^ value) override;
}
```

J#

```
/** @property */
protected DbTransaction get_DbTransaction ()

/** @property */
protected void set_DbTransaction (DbTransaction value)
```

JScript

```
protected override function get DbTransaction () : DbTransaction

protected override function set DbTransaction (value : DbTransaction)
```

## Property Value

The transaction within which a Command object of a .NET framework data provider executes. The default value is **null** reference.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityCommand.DesignTimeVisible Property

Gets or sets a value indicating whether the command object should be visible in a customized interface control.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property DesignTimeVisible As Boolean
```

C#

```
public override bool DesignTimeVisible { get; set; }
```

C++

```
public:
virtual property bool DesignTimeVisible {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_DesignTimeVisible ()

/** @property */
public void set_DesignTimeVisible (boolean value)
```

JScript

```
public override function get DesignTimeVisible () : boolean

public override function set DesignTimeVisible (value : boolean)
```

## Property Value

**true** if the command object should be visible in a control; otherwise **false**. The default is **true**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.Log Property

Gets or sets the destination to write the SQL query or command.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property Log As TextWriter
```

C#

```
public static TextWriter Log { get; set; }
```

C++

```
public:
static property TextWriter^ Log {
    TextWriter^ get ();
    void set (TextWriter^ value);
}
```

J#

```
/** @property */
public static TextWriter get_Log ()

/** @property */
public static void set_Log (TextWriter value)
```

JScript

```
public static function get Log () : TextWriter

public static function set Log (value : TextWriter)
```

## Property Value

The TextReader to use for writing the command.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand.UpdatedRowSource Property

Gets or sets how command results are applied to the DataRow when used by the **Update** method of the DbDataAdapter.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property UpdatedRowSource As UpdateRowSource
```

C#

```
public override UpdateRowSource UpdatedRowSource { get; set; }
```

C++

```
public:
virtual property UpdateRowSource UpdatedRowSource {
    UpdateRowSource get () override;
    void set (UpdateRowSource value) override;
}
```

J#

```
/** @property */
public UpdateRowSource get_UpdatedRowSource ()

/** @property */
public void set_UpdatedRowSource (UpdateRowSource value)
```

JScript

```
public override function get UpdatedRowSource () : UpdateRowSource

public override function set UpdatedRowSource (value : UpdateRowSource)
```

## Property Value

One of the UpdateRowSource values.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityCommand Class](#)

[MsDb2EntityCommand Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityCommand Events

Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

See Also

Reference

[MsDb2EntityCommand Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader Class

Provides a way of reading a forward-only stream of rows from a database.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.Data.Common.DbDataReader](#)

**Microsoft.HostIntegration.MsDb2EntityClient.MsDb2EntityDataReader**

Syntax

C#

```
public class MsDb2EntityDataReader : DbDataReader
```

C++

```
public ref class MsDb2EntityDataReader : DbDataReader
```









F#

```
type MsDb2EntityDataReader =  
    class  
        inherit DbDataReader  
    end
```


VB

```
Public Class MsDb2EntityDataReader  
    Inherits DbDataReader
```



























Properties


Name	Description
 <a href="#">Depth</a>	Gets a value that indicates the depth of nesting for the current row.(Overrides <a href="#">DbDataReader.Depth</a> .)
 <a href="#">FieldCount</a>	Gets the number of columns in the current row.(Overrides <a href="#">DbDataReader.FieldCount</a> .)
 <a href="#">HasRows</a>	Gets a value that indicates whether the <b>MsDb2EntityDataReader</b> contains one or more rows.(Overrides <a href="#">DbDataReader.HasRows</a> .)
 <a href="#">IsClosed</a>	Gets a Boolean value that indicates whether the specified <b>MsDb2EntityDataReader</b> instance has been closed.(Overrides <a href="#">DbDataReader.IsClosed</a> .)
 <a href="#">Item(Int32)</a>	Gets the value of the specified column in its native format given the column ordinal.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
 <a href="#">Item(String)</a>	Gets the value of the specified column in its native format given the column name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)
 <a href="#">RecordsAffected</a>	Gets the number of rows changed, inserted, or deleted by execution of the statement.(Overrides <a href="#">DbDataReader.RecordsAffected</a> .)
 <a href="#">VisibleFieldCount</a>	(Inherited from <a href="#">DbDataReader</a> .)

Methods


Name	Description
 <a href="#">Close()</a>	Closes the <b>MsDb2EntityDataReader</b> object.(Overrides <a href="#">DbDataReader.Close()</a> .)

 <a href="#">CreateObjRef(Type)</a>	Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.(Overrides <a href="#">MarshalByRefObject.CreateObjRef(Type)</a> .)
 <a href="#">Dispose(Boolean)</a>	Releases all resources used by the <b>MsDb2EntityDataReader</b> and optionally releases the managed resources.(Overrides <a href="#">DbDataReader.Dispose(Boolean)</a> .)
 <a href="#">Equals(Object)</a>	Determines whether the specified Object is equal to the current Object.(Overrides <a href="#">Object.Equals(Object)</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetBoolean(Int32)</a>	Retrieves the value of the specified column as a Boolean.(Overrides <a href="#">DbDataReader.GetBoolean(Int32)</a> .)
 <a href="#">GetByte(Int32)</a>	Retrieves the value of the specified column as a byte.(Overrides <a href="#">DbDataReader.GetByte(Int32)</a> .)
 <a href="#">GetBytes(Int32, Int64, Byte[], Int32, Int32)</a>	Reads a stream of bytes from the specified column offset into the buffer an array starting at the given buffer offset.(Overrides <a href="#">DbDataReader.GetBytes(Int32, Int64, Byte[], Int32, Int32)</a> .)
 <a href="#">GetChar(Int32)</a>	Retrieves the value of the specified column as a single character.(Overrides <a href="#">DbDataReader.GetChar(Int32)</a> .)
 <a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.(Overrides <a href="#">DbDataReader.GetChars(Int32, Int64, Char[], Int32, Int32)</a> .)
 <a href="#">GetDataTypeName(Int32)</a>	Retrieves a string representing the data type of the specified column.(Overrides <a href="#">DbDataReader.GetDataTypeName(Int32)</a> .)
 <a href="#">GetDateTime(Int32)</a>	Retrieves the value of the specified column as a <a href="#">DateTime</a> object.(Overrides <a href="#">DbDataReader.GetDateTime(Int32)</a> .)
 <a href="#">GetDbDataReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetDecimal(Int32)</a>	Retrieves the value of the specified column as a <a href="#">Decimal</a> object.(Overrides <a href="#">DbDataReader.GetDecimal(Int32)</a> .)
 <a href="#">GetDouble(Int32)</a>	Retrieves the value of the specified column as a double-precision floating point number.(Overrides <a href="#">DbDataReader.GetDouble(Int32)</a> .)
 <a href="#">GetEnumerator()</a>	Returns an <a href="#">T:Systems.Collections.IEnumerator</a> that iterates through the Data Reader.(Overrides <a href="#">DbDataReader.GetEnumerator()</a> .)
 <a href="#">GetFieldType(Int32)</a>	Retrieves the <a href="#">Type</a> that is the data type of the object.(Overrides <a href="#">DbDataReader.GetFieldType(Int32)</a> .)
 <a href="#">GetFieldValue&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFloat(Int32)</a>	Retrieves the value of the specified column as a single-precision floating point number.(Overrides <a href="#">DbDataReader.GetFloat(Int32)</a> .)
 <a href="#">GetGuid(Int32)</a>	Retrieves the value of the specified column as a globally unique identifier (GUID).(Overrides <a href="#">DbDataReader.GetGuid(Int32)</a> .)

 GetHashCode()	Serves as a hash function for a particular type.(Overrides <a href="#">Object.GetHashCode()</a> .)
 GetInt16(Int32)	Retrieves the value of the specified column as a 16-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt16(Int32)</a> .)
 GetInt32(Int32)	Gets the value of the specified column as a 32-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt32(Int32)</a> .)
 GetInt64(Int32)	Retrieves the value of the specified column as a 64-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt64(Int32)</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetName(Int32)	Retrieves the name of the specified column.(Overrides <a href="#">DbDataReader.GetName(Int32)</a> .)
 GetOrdinal(String)	Retrieves the column ordinal, given the name of the column.(Overrides <a href="#">DbDataReader.GetOrdinal(String)</a> .)
 GetSchemaTable()	Returns a <a href="#">DataTable</a> that describes the column metadata of the Data Reader.(Overrides <a href="#">DbDataReader.GetSchemaTable()</a> .)
 GetStream(Int32)	(Inherited from <a href="#">DbDataReader</a> .)
 GetString(Int32)	Retrieves the value of the specified column as a string.(Overrides <a href="#">DbDataReader.GetString(Int32)</a> .)
 GetTextReader(Int32)	(Inherited from <a href="#">DbDataReader</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 GetValue(Int32)	Retrieves the value of the specified column in its native format.(Overrides <a href="#">DbDataReader.GetValue(Int32)</a> .)
 GetValues(Object[])	Populates an array of objects with the column values of the current row.(Overrides <a href="#">DbDataReader.GetValues(Object[])</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 IsDBNull(Int32)	Retrieves a value that indicates whether the column contains non-existent or missing values.(Overrides <a href="#">DbDataReader.IsDBNull(Int32)</a> .)
 IsDBNullAsync(Int32)	(Inherited from <a href="#">DbDataReader</a> .)
 IsDBNullAsync(Int32, CancellationToken)	(Inherited from <a href="#">DbDataReader</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject</a> .)
 NextResult()	Advances the data reader to the next result, when reading the results of batch statements.(Overrides <a href="#">DbDataReader.NextResult()</a> .)
 NextResultAsync()	(Inherited from <a href="#">DbDataReader</a> .)
 NextResultAsync(CancellationToken)	(Inherited from <a href="#">DbDataReader</a> .)
 Read()	Advances the Data Reader to the next record.(Overrides <a href="#">DbDataReader.Read()</a> .)
 ReadAsync()	(Inherited from <a href="#">DbDataReader</a> .)
 ReadAsync(CancellationToken)	(Inherited from <a href="#">DbDataReader</a> .)

 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )
--	---

Explicit Interface Implementations

	Name	Description
	<a href="#">IDataRecord.GetData(Int32)</a>	(Inherited from <a href="#">DbDataReader.</a> )

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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# MsDb2EntityDataReader Members

Provides a way of reading a forward-only stream of rows from a database.




























The following tables list the members exposed by the [MsDb2EntityDataReader](#) type.














## Public Properties

	Name	Description
	<a href="#">Depth</a>	Overridden. Gets a value that indicates the depth of nesting for the current row.
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	Overridden. Gets a value that indicates whether the <b>MsDb2EntityDataReader</b> contains one or more rows.
	<a href="#">IsClosed</a>	Overridden. Gets a Boolean value that indicates whether the specified <b>MsDb2EntityDataReader</b> instance has been closed.
	<a href="#">Item</a>	Overloaded. Overridden. Retrieves the value of the specified column in its native format.
	<a href="#">RecordsAffected</a>	Overridden. Gets the number of rows changed, inserted, or deleted by execution of the statement.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	Overridden. Closes the <a href="#">MsDb2EntityDataReader</a> object.
	<a href="#">CreateObjRef</a>	Overridden. Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Equals</a>	Overloaded. Overridden.
	<a href="#">GetBoolean</a>	Overridden. Retrieves the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Retrieves the value of the specified column as a byte.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer array starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Retrieves the value of the specified column as a single character.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer array starting at the given buffer offset.
	<a href="#">GetData</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetDataTypeName</a>	Overridden. Retrieves a string representing the data type of the specified column.
	<a href="#">GetDateTime</a>	Overridden. Retrieves the value of the specified column as a <a href="#">DateTime</a> object.
	<a href="#">GetDecimal</a>	Overridden. Retrieves the value of the specified column as a <a href="#">Decimal</a> object.
	<a href="#">GetDouble</a>	Overridden. Retrieves the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	Overridden. Returns an <a href="#">IEnumerator</a> that iterates through the Data Reader.
	<a href="#">GetFieldType</a>	Overridden. Retrieves the <a href="#">Type</a> that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Retrieves the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Retrieves the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	Overridden. Serves as a hash function for a particular type.
	<a href="#">GetInt16</a>	Overridden. Retrieves the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Gets the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Retrieves the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Retrieves the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Retrieves the column ordinal, given the name of the column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )

	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overridden. Returns a <a href="#">DataTable</a> that describes the column metadata of the Data Reader.
	<a href="#">GetString</a>	Overridden. Retrieves the value of the specified column as a string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overridden. Retrieves the value of the specified column in its native format.
	<a href="#">GetValues</a>	Overridden. Populates an array of objects with the column values of the current row.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Retrieves a value that indicates whether the column contains non-existent or missing values.
	<a href="#">NextResult</a>	Overridden. Advances the data reader to the next result, when reading the results of batch statements.
	<a href="#">Read</a>	Overridden. Advances the Data Reader to the next record.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Overridden.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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#### Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

[Top](#)

See Also


























#### Reference













[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)





# MsDb2EntityDataReader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	Overridden. Closes the <a href="#">MsDb2EntityDataReader</a> object.
	<a href="#">CreateObjRef</a>	Overridden. Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Equals</a>	Overloaded. Overridden.
	<a href="#">GetBoolean</a>	Overridden. Retrieves the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Retrieves the value of the specified column as a byte.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer an array starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Retrieves the value of the specified column as a single character.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetData</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetDataTypeName</a>	Overridden. Retrieves a string representing the data type of the specified column.
	<a href="#">GetDateTime</a>	Overridden. Retrieves the value of the specified column as a <a href="#">DateTime</a> object.
	<a href="#">GetDecimal</a>	Overridden. Retrieves the value of the specified column as a <a href="#">Decimal</a> object.
	<a href="#">GetDouble</a>	Overridden. Retrieves the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	Overridden. Returns an <a href="#">IEnumerator</a> that iterates through the Data Reader.
	<a href="#">GetFieldType</a>	Overridden. Retrieves the <a href="#">Type</a> that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Retrieves the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Retrieves the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	Overridden. Serves as a hash function for a particular type.
	<a href="#">GetInt16</a>	Overridden. Retrieves the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Gets the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Retrieves the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Retrieves the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Retrieves the column ordinal, given the name of the column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )

	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overridden. Returns a <a href="#">DataTable</a> that describes the column metadata of the Data Reader.
	<a href="#">GetString</a>	Overridden. Retrieves the value of the specified column as a string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overridden. Retrieves the value of the specified column in its native format.
	<a href="#">GetValues</a>	Overridden. Populates an array of objects with the column values of the current row.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Retrieves a value that indicates whether the column contains non-existent or missing values.
	<a href="#">NextResult</a>	Overridden. Advances the data reader to the next result, when reading the results of batch statements.
	<a href="#">Read</a>	Overridden. Advances the Data Reader to the next record.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

#### Protected Methods

Name	Description
 <a href="#">Dispose</a>	Overloaded. Overridden.
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

#### Reference

[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.Close Method

Closes the [MsDb2EntityDataReader](#) object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Close
```

C#

```
public override void Close ()
```

C++

```
public:  
virtual void Close () override
```

J#

```
public void Close ()
```

JScript

```
public override function Close ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.CreateObjRef Method

Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
<SecurityPermissionAttribute(SecurityAction.LinkDemand, Flags:=SecurityPermissionFlag.Infr
structure)> _
Public Overrides Function CreateObjRef ( _
    requestedType As Type _
) As ObjRef
```

C#

```
[SecurityPermissionAttribute(SecurityAction.LinkDemand, Flags=SecurityPermissionFlag.Infras
tructure)]
public override ObjRef CreateObjRef (
    Type requestedType
)
```

C++

```
[SecurityPermissionAttribute(SecurityAction::LinkDemand, Flags=SecurityPermissionFlag::Infr
astructure)]
public:
virtual ObjRef^ CreateObjRef (
    Type^ requestedType
) override
```

J#

```
/** @attribute SecurityPermissionAttribute(SecurityAction.LinkDemand, Flags=SecurityPermiss
ionFlag.Infrastructure) */
public ObjRef CreateObjRef (
    Type requestedType
)
```

JScript

```
public override function CreateObjRef (
    requestedType : Type
) : ObjRef
```

## Parameters

requestedType

The type of the object that the new ObjRef will reference.

## Return Value

The information required to generate a proxy.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.Dispose Method (Boolean)

Releases all resources used by the [MsDb2EntityDataReader](#) and optionally releases the managed resources.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Syntax

C#

```
protected override void Dispose(  
    bool disposing  
)
```

C++

```
protected:  
virtual void Dispose(  
    bool disposing  
) override
```

F#

```
override Dispose :  
    disposing:bool -> unit
```

VB

```
Protected Overrides Sub Dispose (  
    disposing As Boolean  
)
```

## Parameters

*disposing*

Type: [System.Boolean](#)

**True** to release both managed and unmanaged resources; **false** to release only the unmanaged resources.

See Also

[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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# MsDb2EntityDataReader.Dispose Method (Boolean)

Releases all resources used by the [MsDb2EntityDataReader](#) and optionally releases the managed resources.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Dispose ( _
    disposing As Boolean _
)
```

C#

```
protected override void Dispose (
    bool disposing
)
```

C++

```
protected:
virtual void Dispose (
    bool disposing
) override
```

J#

```
protected void Dispose (
    boolean disposing
)
```

JScript

```
protected override function Dispose (
    disposing : boolean
)
```

## Parameters

disposing

**True** to release both managed and unmanaged resources; **false** to release only the unmanaged resources.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.Equals Method (Object)

Determines whether the specified Object is equal to the current Object.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Syntax

C#

```
public override bool Equals(  
    object obj  
)
```

C++

```
public:  
virtual bool Equals(  
    Object^ obj  
) override
```

F#

```
override Equals :  
    obj:Object -> bool
```

VB

```
Public Overrides Function Equals (  
    obj As Object  
) As Boolean
```

## Parameters

*obj*

Type: [System.Object](#)

The Object to compare with the current Object.

## Return Value

Type: [System.Boolean](#)

**True** if the specified Object is equal to the current Object; otherwise, **false**.

See Also

[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

[Return to top](#)

# MsDb2EntityDataReader.Equals Method (Object)

Determines whether the specified Object is equal to the current Object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Equals ( _
    obj As Object _
) As Boolean
```

C#

```
public override bool Equals (
    Object obj
)
```

C++

```
public:
virtual bool Equals (
    Object^ obj
) override
```

J#

```
public boolean Equals (
    Object obj
)
```

JScript

```
public override function Equals (
    obj : Object
) : boolean
```

## Parameters

obj

The Object to compare with the current Object.

## Return Value

**True** if the specified Object is equal to the current Object; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetBoolean Method

Retrieves the value of the specified column as a Boolean.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBoolean ( _
    ordinal As Integer _
) As Boolean
```

C#

```
public override bool GetBoolean (
    int ordinal
)
```

C++

```
public:
virtual bool GetBoolean (
    int ordinal
) override
```

J#

```
public boolean GetBoolean (
    int ordinal
)
```

JScript

```
public override function GetBoolean (
    ordinal : int
) : boolean
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetByte Method

Retrieves the value of the specified column as a byte.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetByte ( _
    ordinal As Integer _
) As Byte
```

C#

```
public override byte GetByte (
    int ordinal
)
```

C++

```
public:
virtual unsigned char GetByte (
    int ordinal
) override
```

J#

```
public byte GetByte (
    int ordinal
)
```

JScript

```
public override function GetByte (
    ordinal : int
) : byte
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a byte.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetBytes Method

Reads a stream of bytes from the specified column offset into the buffer an array starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBytes ( _
    ordinal As Integer, _
    dataOffset As Long, _
    buffer As Byte(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetBytes (
    int ordinal,
    long dataOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetBytes (
    int ordinal,
    long long dataOffset,
    array<unsigned char>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetBytes (
    int ordinal,
    long dataOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetBytes (
    ordinal : int,
    dataOffset : long,
    buffer : byte[],
    bufferOffset : int,
    length : int
) : long
```

## Parameters

ordinal

The zero-based column ordinal.

dataOffset

The index within the field from which to begin the read operation.

buffer

The buffer into which to read the stream of bytes.

bufferOffset

The index within the buffer where the write operation is to start.

length

The maximum length to copy into the buffer.

#### **Return Value**

The actual number of bytes read.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetChar Method

Retrieves the value of the specified column as a single character.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChar ( _
    ordinal As Integer _
) As Char
```

C#

```
public override char GetChar (
    int ordinal
)
```

C++

```
public:
virtual wchar_t GetChar (
    int ordinal
) override
```

J#

```
public char GetChar (
    int ordinal
)
```

JScript

```
public override function GetChar (
    ordinal : int
) : char
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a single character.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.GetChars Method

Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChars ( _
    ordinal As Integer, _
    dataOffset As Long, _
    buffer As Char(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetChars (
    int ordinal,
    long dataOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetChars (
    int ordinal,
    long long dataOffset,
    array<wchar_t>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetChars (
    int ordinal,
    long dataOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetChars (
    ordinal : int,
    dataOffset : long,
    buffer : char[],
    bufferOffset : int,
    length : int
) : long
```

## Parameters

ordinal

The zero-based column ordinal.

dataOffset

The index within the field from which to begin the read operation.

buffer

The buffer into which to read the stream of bytes.

bufferOffset

The index within the buffer where the write operation is to start.

length

The maximum length to copy into the buffer.

#### **Return Value**

The actual number of characters read.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetDataTypeName Method

Retrieves a string representing the data type of the specified column.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDataTypeName ( _
    ordinal As Integer _
) As String
```

C#

```
public override string GetDataTypeName (
    int ordinal
)
```

C++

```
public:
virtual String^ GetDataTypeName (
    int ordinal
) override
```

J#

```
public String GetDataTypeName (
    int ordinal
)
```

JScript

```
public override function GetDataTypeName (
    ordinal : int
) : String
```

## Parameters

ordinal

The zero-based ordinal position of the column to find.

## Return Value

The string representing the data type of the specified column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetDateTime Method

Retrieves the value of the specified column as a [DateTime](#) object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDateTime ( _
    ordinal As Integer _
) As DateTime
```

C#

```
public override DateTime GetDateTime (
    int ordinal
)
```

C++

```
public:
virtual DateTime GetDateTime (
    int ordinal
) override
```

J#

```
public DateTime GetDateTime (
    int ordinal
)
```

JScript

```
public override function GetDateTime (
    ordinal : int
) : DateTime
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a **DateTime** object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetDecimal Method

Retrieves the value of the specified column as a [Decimal](#) object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDecimal ( _
    ordinal As Integer _
) As Decimal
```

C#

```
public override decimal GetDecimal (
    int ordinal
)
```

C++

```
public:
virtual Decimal GetDecimal (
    int ordinal
) override
```

J#

```
public Decimal GetDecimal (
    int ordinal
)
```

JScript

```
public override function GetDecimal (
    ordinal : int
) : decimal
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a **Decimal** object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetDouble Method

Retrieves the value of the specified column as a double-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDouble ( _
    ordinal As Integer _
) As Double
```

C#

```
public override double GetDouble (
    int ordinal
)
```

C++

```
public:
virtual double GetDouble (
    int ordinal
) override
```

J#

```
public double GetDouble (
    int ordinal
)
```

JScript

```
public override function GetDouble (
    ordinal : int
) : double
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a double-precision floating point number.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetEnumerator Method

Returns an `IEnumerator` that iterates through the Data Reader.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetEnumerator As IEnumerator
```

C#

```
public override IEnumerator GetEnumerator ()
```

C++

```
public:
virtual IEnumerator^ GetEnumerator () override
```

J#

```
public IEnumerator GetEnumerator ()
```

JScript

```
public override function GetEnumerator () : IEnumerator
```

## Return Value

An **IEnumerator** that iterates through the Data Reader.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetFieldType Method

Retrieves the [Type](#) that is the data type of the object.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFieldType ( _
    ordinal As Integer _
) As Type
```

C#

```
public override Type GetFieldType (
    int ordinal
)
```

C++

```
public:
virtual Type^ GetFieldType (
    int ordinal
) override
```

J#

```
public Type GetFieldType (
    int ordinal
)
```

JScript

```
public override function GetFieldType (
    ordinal : int
) : Type
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The **Type** that is the data type of the object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.GetFloat Method

Retrieves the value of the specified column as a single-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFloat ( _
    ordinal As Integer _
) As Single
```

C#

```
public override float GetFloat (
    int ordinal
)
```

C++

```
public:
virtual float GetFloat (
    int ordinal
) override
```

J#

```
public float GetFloat (
    int ordinal
)
```

JScript

```
public override function GetFloat (
    ordinal : int
) : float
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a single-precision floating point number.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetGuid Method

Retrieves the value of the specified column as a globally unique identifier (GUID).

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetGuid ( _
    ordinal As Integer _
) As Guid
```

C#

```
public override Guid GetGuid (
    int ordinal
)
```

C++

```
public:
virtual Guid GetGuid (
    int ordinal
) override
```

J#

```
public Guid GetGuid (
    int ordinal
)
```

JScript

```
public override function GetGuid (
    ordinal : int
) : Guid
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a globally unique identifier (GUID).

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetHashCode Method

Serves as a hash function for a particular type.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetHashCode As Integer
```

C#

```
public override int GetHashCode ()
```

C++

```
public:  
virtual int GetHashCode () override
```

J#

```
public int GetHashCode ()
```

JScript

```
public override function GetHashCode () : int
```

## Return Value

A hash code for the current object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetInt16 Method

Retrieves the value of the specified column as a 16-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt16 ( _
    ordinal As Integer _
) As Short
```

C#

```
public override short GetInt16 (
    int ordinal
)
```

C++

```
public:
virtual short GetInt16 (
    int ordinal
) override
```

J#

```
public short GetInt16 (
    int ordinal
)
```

JScript

```
public override function GetInt16 (
    ordinal : int
) : short
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a 16-bit signed integer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetInt32 Method

Gets the value of the specified column as a 32-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt32 ( _
    ordinal As Integer _
) As Integer
```

C#

```
public override int GetInt32 (
    int ordinal
)
```

C++

```
public:
virtual int GetInt32 (
    int ordinal
) override
```

J#

```
public int GetInt32 (
    int ordinal
)
```

JScript

```
public override function GetInt32 (
    ordinal : int
) : int
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a 32-bit signed integer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetInt64 Method

Retrieves the value of the specified column as a 64-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt64 ( _
    ordinal As Integer _
) As Long
```

C#

```
public override long GetInt64 (
    int ordinal
)
```

C++

```
public:
virtual long long GetInt64 (
    int ordinal
) override
```

J#

```
public long GetInt64 (
    int ordinal
)
```

JScript

```
public override function GetInt64 (
    ordinal : int
) : long
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a 64-bit signed integer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetName Method

Retrieves the name of the specified column.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetName ( _
    ordinal As Integer _
) As String
```

C#

```
public override string GetName (
    int ordinal
)
```

C++

```
public:
virtual String^ GetName (
    int ordinal
) override
```

J#

```
public String GetName (
    int ordinal
)
```

JScript

```
public override function GetName (
    ordinal : int
) : String
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The name of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetOrdinal Method

Retrieves the column ordinal, given the name of the column.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetOrdinal ( _
    name As String _
) As Integer
```

C#

```
public override int GetOrdinal (
    string name
)
```

C++

```
public:
virtual int GetOrdinal (
    String^ name
) override
```

J#

```
public int GetOrdinal (
    String name
)
```

JScript

```
public override function GetOrdinal (
    name : String
) : int
```

## Parameters

name

The name of the column.

## Return Value

The zero-based column ordinal.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.GetSchemaTable Method

Returns a [DataTable](#) that describes the column metadata of the Data Reader.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetSchemaTable As DataTable
```

C#

```
public override DataTable GetSchemaTable ()
```

C++

```
public:  
virtual DataTable^ GetSchemaTable () override
```

J#

```
public DataTable GetSchemaTable ()
```

JScript

```
public override function GetSchemaTable () : DataTable
```

## Return Value

A **DataTable** that describes the column metadata.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetString Method

Retrieves the value of the specified column as a string.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetString ( _
    ordinal As Integer _
) As String
```

C#

```
public override string GetString (
    int ordinal
)
```

C++

```
public:
virtual String^ GetString (
    int ordinal
) override
```

J#

```
public String GetString (
    int ordinal
)
```

JScript

```
public override function GetString (
    ordinal : int
) : String
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column as a string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetValue Method

Retrieves the value of the specified column in its native format.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValue ( _
    ordinal As Integer _
) As Object
```

C#

```
public override Object GetValue (
    int ordinal
)
```

C++

```
public:
virtual Object^ GetValue (
    int ordinal
) override
```

J#

```
public Object GetValue (
    int ordinal
)
```

JScript

```
public override function GetValue (
    ordinal : int
) : Object
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

The value of the specified column in its native format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.GetValues Method

Populates an array of objects with the column values of the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValues ( _
    values As Object() _
) As Integer
```

C#

```
public override int GetValues (
    Object[] values
)
```

C++

```
public:
virtual int GetValues (
    array<Object^>^ values
) override
```

J#

```
public int GetValues (
    Object[] values
)
```

JScript

```
public override function GetValues (
    values : Object[]
) : int
```

## Parameters

values

An array of objects into which to copy the attribute columns.

## Return Value

The number of instances of object in the array.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.IsDBNull Method

Retrieves a value that indicates whether the column contains non-existent or missing values.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IsDBNull ( _
    ordinal As Integer _
) As Boolean
```

C#

```
public override bool IsDBNull (
    int ordinal
)
```

C++

```
public:
virtual bool IsDBNull (
    int ordinal
) override
```

J#

```
public boolean IsDBNull (
    int ordinal
)
```

JScript

```
public override function IsDBNull (
    ordinal : int
) : boolean
```

## Parameters

ordinal

The zero-based column ordinal.

## Return Value

**True** if the specified column value is equivalent to **DBNull**; otherwise **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.NextResult Method

Advances the data reader to the next result, when reading the results of batch statements.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function NextResult As Boolean
```

C#

```
public override bool NextResult ()
```

C++

```
public:  
virtual bool NextResult () override
```

J#

```
public boolean NextResult ()
```

JScript

```
public override function NextResult () : boolean
```

## Return Value

**True** if there are more result sets; otherwise **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.Read Method

Advances the Data Reader to the next record.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Read As Boolean
```

C#

```
public override bool Read ()
```

C++

```
public:
virtual bool Read () override
```

J#

```
public boolean Read ()
```

JScript

```
public override function Read () : boolean
```

## Return Value

**True** if there are more rows; otherwise **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader Properties

## Public Properties

	Name	Description
	<a href="#">Depth</a>	Overridden. Gets a value that indicates the depth of nesting for the current row.
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	Overridden. Gets a value that indicates whether the <a href="#">MsDb2EntityDataReader</a> contains one or more rows.
	<a href="#">IsClosed</a>	Overridden. Gets a Boolean value that indicates whether the specified <b>MsDb2EntityDataReader</b> instance has been closed.
	<a href="#">Item</a>	Overloaded. Overridden. Retrieves the value of the specified column in its native format.
	<a href="#">RecordsAffected</a>	Overridden. Gets the number of rows changed, inserted, or deleted by execution of the statement.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

### Reference

[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.Depth Property

Gets a value that indicates the depth of nesting for the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Depth As Integer
```

C#

```
public override int Depth { get; }
```

C++

```
public:
virtual property int Depth {
    int get () override;
}
```

J#

```
/** @property */
public int get_Depth ()
```

JScript

```
public override function get Depth () : int
```

## Property Value

The depth of nesting for the current row.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.FieldCount Property

Gets the number of columns in the current row.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FieldCount As Integer
```

C#

```
public override int FieldCount { get; }
```

C++

```
public:
virtual property int FieldCount {
    int get () override;
}
```

J#

```
/** @property */
public int get_FieldCount ()
```

JScript

```
public override function get FieldCount () : int
```

## Property Value

The number of columns in the current row.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.HasRows Property

Gets a value that indicates whether the [MsDb2EntityDataReader](#) contains one or more rows.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HasRows As Boolean
```

C#

```
public override bool HasRows { get; }
```

C++

```
public:
virtual property bool HasRows {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_HasRows ()
```

JScript

```
public override function get HasRows () : boolean
```

## Property Value

**true** if the **MsDb2EntityDataReader** contains one or more rows; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.IsClosed Property

Gets a Boolean value that indicates whether the specified [MsDb2EntityDataReader](#) instance has been closed.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsClosed As Boolean
```

C#

```
public override bool IsClosed { get; }
```

C++

```
public:
virtual property bool IsClosed {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsClosed ()
```

JScript

```
public override function get IsClosed () : boolean
```

## Property Value

**True** if the specified **MsDb2EntityDataReader** instance is closed; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.Item Property

Retrieves the value of the specified column in its native format.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

## Overload List

Name	Description
 <a href="#">Item(Int32)</a>	Gets the value of the specified column in its native format given the column ordinal.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
 <a href="#">Item(String)</a>	Gets the value of the specified column in its native format given the column name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)

See Also

[MsDb2EntityDataReader Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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## MsDb2EntityDataReader.Item Property (Int32)

Gets the value of the specified column in its native format given the column ordinal.

Syntax

C#

```
public override object this[
    int ordinal
] { get; }
```

C++

```
public:
property Object^ default[
    int ordinal
] {
    virtual Object^ get(int ordinal) override;
}
```

F#

```
override Item :
    ordinal:int -> Object with get
```

VB

```
Public Overrides ReadOnly Property Item (
    ordinal As Integer
) As Object
```

## Parameters

*ordinal*

Type: [System.Int32](#)

The zero-based column ordinal.

## Property Value

Type: [System.Object](#)

The value of the specified column in its native format.

## Implements

[IDataRecord.Item\(Int32\)](#)

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**MsDb2EntityDataReader.Item Property (String)**

Gets the value of the specified column in its native format given the column name.

Syntax

C#

```
public override object this[
    string name
] { get; }
```

C++

```
public:
property Object^ default[
    String^ name
] {
    virtual Object^ get(String^ name) override;
}
```

F#

```
override Item :
    name:string -> Object with get
```

VB

```
Public Overrides ReadOnly Property Item (
    name As String
) As Object
```

#### Parameters

*name*

Type: [System.String](#)

The column name.

#### Property Value

Type: [System.Object](#)

The value of the specified column in its native format.

#### Implements

[IDataRecord.Item\(String\)](#)

[Return to top](#)

# MsDb2EntityDataReader.Item Property (Int32)

Gets the value of the specified column in its native format given the column ordinal.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    ordinal As Integer _
) As Object
```

C#

```
public override Object this [
    int ordinal
] { get; }
```

C++

```
public:
virtual property Object^ default [int] {
    Object^ get (int ordinal) override;
}
```

J#

```
/** @property */
public Object get_Item (int ordinal)
```

JScript

## Parameters

ordinal

The zero-based column ordinal.

## Property Value

The value of the specified column in its native format.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# MsDb2EntityDataReader.Item Property (String)

Gets the value of the specified column in its native format given the column name.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    name As String _
) As Object
```

C#

```
public override Object this [
    string name
] { get; }
```

C++

```
public:
virtual property Object^ default [String^] {
    Object^ get (String^ name) override;
}
```

J#

```
/** @property */
public Object get_Item (String name)
```

JScript

## Parameters

name

The column name.

## Property Value

The value of the specified column in its native format.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# MsDb2EntityDataReader.RecordsAffected Property

Gets the number of rows changed, inserted, or deleted by execution of the statement.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property RecordsAffected As Integer
```

C#

```
public override int RecordsAffected { get; }
```

C++

```
public:
virtual property int RecordsAffected {
    int get () override;
}
```

J#

```
/** @property */
public int get_RecordsAffected ()
```

JScript

```
public override function get RecordsAffected () : int
```

## Property Value

The number of rows changed, inserted, or deleted.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MsDb2EntityDataReader Class](#)

[MsDb2EntityDataReader Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator Class

Provides ability to automatically generate T-SQL based stored procedures using the SQL Server SMO libraries.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.Data.Common.CommandTrees.DbExpressionVisitor<TResultType>](#)

**Microsoft.HostIntegration.MsDb2EntityClient.SqlGenerator**

Syntax

C#

```
public sealed class SqlGenerator : DbExpressionVisitor<ISqlFragment>
```

C++

```
public ref class SqlGenerator sealed : DbExpressionVisitor<ISqlFragment^>
```









F#

```
[<Sealed>]
type SqlGenerator =
    class
        inherit DbExpressionVisitor<ISqlFragment>
    end
```

















VB








```
Public NotInheritable Class SqlGenerator
    Inherits DbExpressionVisitor(Of ISqlFragment)
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Visit(DbAndExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbAndExpression. (Overrides <a href="#">DbExpressionVisitor&lt;TResultType&gt;.Visit(DbAndExpression)</a> .)
	<a href="#">Visit(DbApplyExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbApplyExpression. (Overrides <a href="#">DbExpressionVisitor&lt;TResultType&gt;.Visit(DbApplyExpression)</a> .)
	<a href="#">Visit(DbArithmeticExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbArithmeticExpression. (Overrides <a href="#">DbExpressionVisitor&lt;TResultType&gt;.Visit(DbArithmeticExpression)</a> .)
	<a href="#">Visit(DbCaseExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbCaseExpression. (Overrides <a href="#">DbExpressionVisitor&lt;TResultType&gt;.Visit(DbCaseExpression)</a> .)

 Visit(DbCastExpression)	When overridden in a derived class, implements the visitor pattern for DbCastExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbCastExpression).</a> )
 Visit(DbComparisonExpression)	When overridden in a derived class, implements the visitor pattern for DbComparisonExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbComparisonExpression).</a> )
 Visit(DbConstantExpression)	When overridden in a derived class, implements the visitor pattern for DbConstantExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbConstantExpression).</a> )
 Visit(DbCrossJoinExpression)	When overridden in a derived class, implements the visitor pattern for DbCrossJoinExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbCrossJoinExpression).</a> )
 Visit(DbDerefExpression)	When overridden in a derived class, implements the visitor pattern for DbDerefExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbDerefExpression).</a> )
 Visit(DbDistinctExpression)	When overridden in a derived class, implements the visitor pattern for DbDistinctExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbDistinctExpression).</a> )
 Visit(DbElementExpression)	When overridden in a derived class, implements the visitor pattern for DbElementExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbElementExpression).</a> )
 Visit(DbEntityRefExpression)	When overridden in a derived class, implements the visitor pattern for DbEntityRefExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbEntityRefExpression).</a> )
 Visit(DbExceptExpression)	When overridden in a derived class, implements the visitor pattern for DbExceptExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbExceptExpression).</a> )
 Visit(DbExpression)	When overridden in a derived class, implements the visitor pattern for DbExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbExpression).</a> )
 Visit(DbFilterExpression)	When overridden in a derived class, implements the visitor pattern for DbFilterExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbFilterExpression).</a> )
 Visit(DbFunctionExpression)	When overridden in a derived class, implements the visitor pattern for DbFunctionExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbFunctionExpression).</a> )
 Visit(DbGroupByExpression)	When overridden in a derived class, implements the visitor pattern for DbGroupByExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbGroupByExpression).</a> )
 Visit(DbIntersectExpression)	When overridden in a derived class, implements the visitor pattern for DbIntersectExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbIntersectExpression).</a> )
 Visit(DbIsEmptyExpression)	When overridden in a derived class, implements the visitor pattern for DbIsEmptyExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbIsEmptyExpression).</a> )
 Visit(DbIsNullExpression)	When overridden in a derived class, implements the visitor pattern for DbIsNullExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbIsNullExpression).</a> )

 Visit(DblsOfExpression)	When overridden in a derived class, implements the visitor pattern for DblsOfExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DblsOfExpression)</a> .)
 Visit(DbJoinExpression)	When overridden in a derived class, implements the visitor pattern for DbJoinExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbJoinExpression)</a> .)
 Visit(DbLambdaExpression)	(Inherited from <a href="#">DbExpressionVisitor&lt;'TResultType&gt;</a> .)
 Visit(DbLikeExpression)	When overridden in a derived class, implements the visitor pattern for DbLikeExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbLikeExpression)</a> .)
 Visit(DbLimitExpression)	When overridden in a derived class, implements the visitor pattern for DbLimitExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbLimitExpression)</a> .)
 Visit(DbNewInstanceExpression)	When overridden in a derived class, implements the visitor pattern for DbNewInstanceExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbNewInstanceExpression)</a> .)
 Visit(DbNotExpression)	When overridden in a derived class, implements the visitor pattern for DbNotExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbNotExpression)</a> .)
 Visit(DbNullExpression)	When overridden in a derived class, implements the visitor pattern for DbNullExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbNullExpression)</a> .)
 Visit(DbOfTypeExpression)	When overridden in a derived class, implements the visitor pattern for DbOfTypeExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbOfTypeExpression)</a> .)
 Visit(DbOrExpression)	When overridden in a derived class, implements the visitor pattern for DbOrExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbOrExpression)</a> .)
 Visit(DbParameterReferenceExpression)	When overridden in a derived class, implements the visitor pattern for DbParameterReferenceExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbParameterReferenceExpression)</a> .)
 Visit(DbProjectExpression)	When overridden in a derived class, implements the visitor pattern for DbProjectExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbProjectExpression)</a> .)
 Visit(DbPropertyExpression)	When overridden in a derived class, implements the visitor pattern for DbPropertyExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbPropertyExpression)</a> .)
 Visit(DbQuantifierExpression)	When overridden in a derived class, implements the visitor pattern for DbQuantifierExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbQuantifierExpression)</a> .)
 Visit(DbRefExpression)	When overridden in a derived class, implements the visitor pattern for DbRefExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRefExpression)</a> .)
 Visit(DbRefKeyExpression)	When overridden in a derived class, implements the visitor pattern for DbRefKeyExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRefKeyExpression)</a> .)

 <a href="#">Visit(DbRelationshipNavigationExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbRelationshipNavigationExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRelationshipNavigationExpression).</a> )
 <a href="#">Visit(DbScanExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbScanExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbScanExpression).</a> )
 <a href="#">Visit(DbSkipExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbSkipExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbSkipExpression).</a> )
 <a href="#">Visit(DbSortExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbSortExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbSortExpression).</a> )
 <a href="#">Visit(DbTreatExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbTreatExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbTreatExpression).</a> )
 <a href="#">Visit(DbUnionAllExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbUnionAllExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbUnionAllExpression).</a> )
 <a href="#">Visit(DbVariableReferenceExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbVariableReferenceExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbVariableReferenceExpression).</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)








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# SqlGenerator Members

Provides ability to automatically generate T-SQL based stored procedures using the SQL Server SMO libraries.



The following tables list the members exposed by the [SqlGenerator](#) type.

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Visit</a>	Overloaded. Overridden. Implements the visitor pattern for the SQL generator.

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also








## Reference

[SqlGenerator Class](#)



[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Visit</a>	Overloaded. Overridden. Implements the visitor pattern for the SQL generator.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[SqlGenerator Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method

Implements the visitor pattern for the SQL generator.



**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)














**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

## Overload List

Name	Description
 <a href="#">Visit(DbAndExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbAndExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbAndExpression)</a> .)
 <a href="#">Visit(DbApplyExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbApplyExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbApplyExpression)</a> .)
 <a href="#">Visit(DbArithmeticExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbArithmeticExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbArithmeticExpression)</a> .)
 <a href="#">Visit(DbCaseExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbCaseExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbCaseExpression)</a> .)
 <a href="#">Visit(DbCastExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbCastExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbCastExpression)</a> .)
 <a href="#">Visit(DbComparisonExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbComparisonExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbComparisonExpression)</a> .)
 <a href="#">Visit(DbConstantExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbConstantExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbConstantExpression)</a> .)
 <a href="#">Visit(DbCrossJoinExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbCrossJoinExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbCrossJoinExpression)</a> .)
 <a href="#">Visit(DbDerefExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbDerefExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbDerefExpression)</a> .)
 <a href="#">Visit(DbDistinctExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbDistinctExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbDistinctExpression)</a> .)
 <a href="#">Visit(DbElementExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbElementExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbElementExpression)</a> .)
 <a href="#">Visit(DbEntityRefExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbEntityRefExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbEntityRefExpression)</a> .)
 <a href="#">Visit(DbExceptExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbExceptExpression. (Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbExceptExpression)</a> .)



 <code>Visit(DbExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbExpression)</code> .)
 <code>Visit(DbFilterExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbFilterExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbFilterExpression)</code> .)
 <code>Visit(DbFunctionExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbFunctionExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbFunctionExpression)</code> .)
 <code>Visit(DbGroupByExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbGroupByExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbGroupByExpression)</code> .)
 <code>Visit(DbIntersectExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbIntersectExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbIntersectExpression)</code> .)
 <code>Visit(DbIsEmptyExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbIsEmptyExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbIsEmptyExpression)</code> .)
 <code>Visit(DbIsNullExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbIsNullExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbIsNullExpression)</code> .)
 <code>Visit(DbIsOfExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbIsOfExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbIsOfExpression)</code> .)
 <code>Visit(DbJoinExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbJoinExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbJoinExpression)</code> .)
 <code>Visit(DbLambdaExpression)</code>	(Inherited from <code>DbExpressionVisitor&lt;TResultType&gt;</code> .)
 <code>Visit(DbLikeExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbLikeExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbLikeExpression)</code> .)
 <code>Visit(DbLimitExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbLimitExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbLimitExpression)</code> .)
 <code>Visit(DbNewInstanceExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbNewInstanceExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbNewInstanceExpression)</code> .)
 <code>Visit(DbNotExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbNotExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbNotExpression)</code> .)
 <code>Visit(DbNullExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbNullExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbNullExpression)</code> .)
 <code>Visit(DbOfTypeExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbOfTypeExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbOfTypeExpression)</code> .)
 <code>Visit(DbOrExpression)</code>	When overridden in a derived class, implements the visitor pattern for DbOrExpression. (Overrides <code>DbExpressionVisitor&lt;TResultType&gt;.Visit(DbOrExpression)</code> .)

 <a href="#">Visit(DbParameterReferenceExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbParameterReferenceExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbParameterReferenceExpression).</a> )
 <a href="#">Visit(DbProjectExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbProjectExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbProjectExpression).</a> )
 <a href="#">Visit(DbPropertyExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbPropertyExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbPropertyExpression).</a> )
 <a href="#">Visit(DbQuantifierExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbQuantifierExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbQuantifierExpression).</a> )
 <a href="#">Visit(DbRefExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbRefExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRefExpression).</a> )
 <a href="#">Visit(DbRefKeyExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbRefKeyExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRefKeyExpression).</a> )
 <a href="#">Visit(DbRelationshipNavigationExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbRelationshipNavigationExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbRelationshipNavigationExpression).</a> )
 <a href="#">Visit(DbScanExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbScanExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbScanExpression).</a> )
 <a href="#">Visit(DbSkipExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbSkipExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbSkipExpression).</a> )
 <a href="#">Visit(DbSortExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbSortExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbSortExpression).</a> )
 <a href="#">Visit(DbTreatExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbTreatExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbTreatExpression).</a> )
 <a href="#">Visit(DbUnionAllExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbUnionAllExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbUnionAllExpression).</a> )
 <a href="#">Visit(DbVariableReferenceExpression)</a>	When overridden in a derived class, implements the visitor pattern for DbVariableReferenceExpression.(Overrides <a href="#">DbExpressionVisitor&lt;'TResultType&gt;.Visit(DbVariableReferenceExpression).</a> )

See Also

[SqlGenerator Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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#### **SqlGenerator.Visit Method (DbAndExpression)**

When overridden in a derived class, implements the visitor pattern for DbAndExpression.

Syntax

C#

```
public override ISqlFragment Visit(
    DbAndExpression e
```

```
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbAndExpression^ e
) override
```

F#

```
override Visit :
    e:DbAndExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbAndExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbAndExpression](#)  
An expression that has a binary operator.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbAndExpression.

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#### SqlGenerator.Visit Method (DbApplyExpression)

When overridden in a derived class, implements the visitor pattern for DbApplyExpression.

Syntax

C#

```
public override ISqlFragment Visit(
    DbApplyExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbApplyExpression^ e
) override
```

F#

```
override Visit :
    e:DbApplyExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbApplyExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbApplyExpression](#)  
The expression that is visited.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbApplyExpression.

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#### **SqlGenerator.Visit Method (DbArithmeticExpression)**

When overridden in a derived class, implements the visitor pattern for DbArithmeticExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbArithmeticExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbArithmeticExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbArithmeticExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbArithmeticExpression  
) As ISqlFragment
```

#### **Parameters**

e

Type: [System.Data.Common.CommandTrees.DbArithmeticExpression](#)  
Expression supporting basic arithmetic.

#### **Return Value**

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbArithmeticExpression.

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#### **SqlGenerator.Visit Method (DbCaseExpression)**

When overridden in a derived class, implements the visitor pattern for DbCaseExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbCaseExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbCaseExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbCaseExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbCaseExpression  
    ) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbCaseExpression](#)

The expression that is visited.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbCaseExpression.

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#### SqlGenerator.Visit Method (DbCastExpression)

When overridden in a derived class, implements the visitor pattern for DbCastExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbCastExpression e  
    )
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbCastExpression^ e  
    ) override
```

F#

```
override Visit :  
    e:DbCastExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbCastExpression  
    ) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbCastExpression](#)

The expression that is visited.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbCastExpression.

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#### SqlGenerator.Visit Method (DbComparisonExpression)

When overridden in a derived class, implements the visitor pattern for DbComparisonExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbComparisonExpression e  
    )
```

C++

```
public:
```

```
virtual ISqlFragment^ Visit(  
    DbComparisonExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbComparisonExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbComparisonExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbComparisonExpression](#)  
A comparison operation applied to two arguments

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbComparisonExpression.

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#### SqlGenerator.Visit Method (DbConstantExpression)

When overridden in a derived class, implements the visitor pattern for DbConstantExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbConstantExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbConstantExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbConstantExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbConstantExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbConstantExpression](#)  
An expression that has a constant value.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbConstantExpression.

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#### SqlGenerator.Visit Method (DbCrossJoinExpression)

When overridden in a derived class, implements the visitor pattern for DbCrossJoinExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbCrossJoinExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbCrossJoinExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbCrossJoinExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbCrossJoinExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbCrossJoinExpression](#)  
An unconditional join operation between the given collection arguments.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbCrossJoinExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbDerefExpression)

When overridden in a derived class, implements the visitor pattern for DbDerefExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbDerefExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbDerefExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbDerefExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbDerefExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbDerefExpression](#)  
An expression that retrieves an entity based on the specified reference.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbDerefExpression.

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#### SqlGenerator.Visit Method (DbDistinctExpression)

When overridden in a derived class, implements the visitor pattern for DbDistinctExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbDistinctExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbDistinctExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbDistinctExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbDistinctExpression  
) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbDistinctExpression](#)  
Removes duplicate elements from the specified set argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbDistinctExpression.

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#### SqlGenerator.Visit Method (DbElementExpression)

When overridden in a derived class, implements the visitor pattern for DbElementExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbElementExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbElementExpression^ e  
) override
```

F#

```
override Visit :
```



```
e:DbElementExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbElementExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbElementExpression](#)  
The conversion of the specified set argument to a singleton.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbElementExpression.

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#### SqlGenerator.Visit Method (DbEntityRefExpression)

When overridden in a derived class, implements the visitor pattern for DbEntityRefExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbEntityRefExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbEntityRefExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbEntityRefExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbEntityRefExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbEntityRefExpression](#)  
An expression that extracts a reference from the underlying entity instance.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbEntityRefExpression.

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#### SqlGenerator.Visit Method (DbExceptExpression)

When overridden in a derived class, implements the visitor pattern for DbExceptExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbExceptExpression e  
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbExceptExpression^ e
) override
```

F#

```
override Visit :
    e:DbExceptExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbExceptExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbExceptExpression](#)

The set subtraction operation between the left and right operands.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbExceptExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbExpression)

When overridden in a derived class, implements the visitor pattern for DbExpression.

Syntax

C#

```
public override ISqlFragment Visit(
    DbExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbExpression^ e
) override
```

F#

```
override Visit :
    e:DbExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbExpression](#)

The basic functionality required by expression types.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbExpression.

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### SqlGenerator.Visit Method (DbFilterExpression)

When overridden in a derived class, implements the visitor pattern for DbFilterExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbFilterExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbFilterExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbFilterExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbFilterExpression  
) As ISqlFragment
```

### Parameters

e

Type: [System.Data.Common.CommandTrees.DbFilterExpression](#)

A predicate applied to filter an input set.

### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbFilterExpression.

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### SqlGenerator.Visit Method (DbFunctionExpression)

When overridden in a derived class, implements the visitor pattern for DbFunctionExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbFunctionExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbFunctionExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbFunctionExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbFunctionExpression
```

```
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbFunctionExpression](#)

An invocation of a function.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbFunctionExpression.

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#### SqlGenerator.Visit Method (DbGroupByExpression)

When overridden in a derived class, implements the visitor pattern for DbGroupByExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbGroupByExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbGroupByExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbGroupByExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbGroupByExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbGroupByExpression](#)

Represents a group by operation.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbGroupByExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbIntersectExpression)

When overridden in a derived class, implements the visitor pattern for DbIntersectExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbIntersectExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbIntersectExpression^ e
```

```
) override
```

F#

```
override Visit :  
    e:DbIntersectExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbIntersectExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbIntersectExpression](#)

The set intersection operation between the left and right operands.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbIntersectExpression.

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#### SqlGenerator.Visit Method (DbIsEmptyExpression)

When overridden in a derived class, implements the visitor pattern for DbIsEmptyExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbIsEmptyExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbIsEmptyExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbIsEmptyExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbIsEmptyExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbIsEmptyExpression](#)

An empty set determination applied to a single set argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbIsEmptyExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbIsNullExpression)

When overridden in a derived class, implements the visitor pattern for DbIsNullExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbIsNullExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbIsNullExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbIsNullExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbIsNullExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbIsNullExpression](#)

A null determination applied to a single argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbIsNullExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbIsOfExpression)

When overridden in a derived class, implements the visitor pattern for DbIsOfExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbIsOfExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbIsOfExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbIsOfExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbIsOfExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbIsOfExpression](#)

The type comparison of a single argument against the specified type.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbIsOfExpression.

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#### SqlGenerator.Visit Method (DbJoinExpression)

When overridden in a derived class, implements the visitor pattern for DbJoinExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbJoinExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbJoinExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbJoinExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbJoinExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbJoinExpression](#)

An inner, left outer, or full outer join operation between the given collection arguments on the specified join condition.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbJoinExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbLikeExpression)

When overridden in a derived class, implements the visitor pattern for DbLikeExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbLikeExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbLikeExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbLikeExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbLikeExpression  
) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbLikeExpression](#)

A string comparison against the specified pattern with an optional escape string.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbLikeExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbLimitExpression)

When overridden in a derived class, implements the visitor pattern for DbLimitExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbLimitExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbLimitExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbLimitExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbLimitExpression  
) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbLimitExpression](#)

The restriction of the number of elements in the argument collection to the specified limit value.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbLimitExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbNewInstanceExpression)

When overridden in a derived class, implements the visitor pattern for DbNewInstanceExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbNewInstanceExpression e  
)
```



C++

```
public:
virtual ISqlFragment^ Visit(
    DbNewInstanceExpression^ e
) override
```

F#

```
override Visit :
    e:DbNewInstanceExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbNewInstanceExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbNewInstanceExpression](#)

The construction of a new instance of a given type, including set and record types.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbNewInstanceExpression.

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#### SqlGenerator.Visit Method (DbNotExpression)

When overridden in a derived class, implements the visitor pattern for DbNotExpression.

Syntax

C#

```
public override ISqlFragment Visit(
    DbNotExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbNotExpression^ e
) override
```

F#

```
override Visit :
    e:DbNotExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbNotExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbNotExpression](#)

The logical NOT of a single Boolean argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbNotExpression.

[Return to top](#)

### SqlGenerator.Visit Method (DBNullExpression)

When overridden in a derived class, implements the visitor pattern for DBNullExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DBNullExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DBNullExpression^ e  
) override
```

F#

```
override Visit :  
    e:DBNullExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DBNullExpression  
) As ISqlFragment
```

### Parameters

e

Type: [System.Data.Common.CommandTrees.DbNullExpression](#)

A reference to a typed null literal.

### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DBNullExpression.

[Return to top](#)

### SqlGenerator.Visit Method (DbOfTypeExpression)

When overridden in a derived class, implements the visitor pattern for DbOfTypeExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbOfTypeExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbOfTypeExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbOfTypeExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbOfTypeExpression
```

```
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbOfTypeExpression](#)

The retrieval of elements of the specified type from the given set argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbOfTypeExpression.

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#### SqlGenerator.Visit Method (DbOrExpression)

When overridden in a derived class, implements the visitor pattern for DbOrExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbOrExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbOrExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbOrExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbOrExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbOrExpression](#)

The logical OR of two Boolean arguments.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbOrExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbParameterReferenceExpression)

When overridden in a derived class, implements the visitor pattern for DbParameterReferenceExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbParameterReferenceExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbParameterReferenceExpression^ e
```

```
) override
```

F#

```
override Visit :  
    e:DbParameterReferenceExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbParameterReferenceExpression  
) As ISqlFragment
```

#### Parameters

*e*  
Type: [System.Data.Common.CommandTrees.DbParameterReferenceExpression](#)  
A reference to a parameter declared on the command tree that contains this expression.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbParameterReferenceExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbProjectExpression)

When overridden in a derived class, implements the visitor pattern for DbProjectExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbProjectExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbProjectExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbProjectExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbProjectExpression  
) As ISqlFragment
```

#### Parameters

*e*  
Type: [System.Data.Common.CommandTrees.DbProjectExpression](#)  
The projection of a given input set over the specified expression.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)  
The visitor pattern for DbProjectExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbPropertyExpression)

When overridden in a derived class, implements the visitor pattern for DbPropertyExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbPropertyExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbPropertyExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbPropertyExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbPropertyExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbPropertyExpression](#)

Methods and properties for retrieving an instance property

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbPropertyExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbQuantifierExpression)

When overridden in a derived class, implements the visitor pattern for DbQuantifierExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbQuantifierExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbQuantifierExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbQuantifierExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbQuantifierExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbQuantifierExpression](#)

A quantifier operation of the specified kind over the elements of the specified input set.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbQuantifierExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbRefExpression)

When overridden in a derived class, implements the visitor pattern for DbRefExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbRefExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbRefExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbRefExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbRefExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbRefExpression](#)

A strongly typed reference to a specific instance within an entity set.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbRefExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbRefKeyExpression)

When overridden in a derived class, implements the visitor pattern for DbRefKeyExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbRefKeyExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbRefKeyExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbRefKeyExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbRefKeyExpression  
) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbRefKeyExpression](#)

The retrieval of the key value from the underlying reference value.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbRefKeyExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbRelationshipNavigationExpression)

When overridden in a derived class, implements the visitor pattern for DbRelationshipNavigationExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbRelationshipNavigationExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbRelationshipNavigationExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbRelationshipNavigationExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbRelationshipNavigationExpression  
) As ISqlFragment
```

#### Parameters

e

Type: [System.Data.Common.CommandTrees.DbRelationshipNavigationExpression](#)

The navigation of a relationship.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbRelationshipNavigationExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbScanExpression)

When overridden in a derived class, implements the visitor pattern for DbScanExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbScanExpression e  
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbScanExpression^ e
) override
```

F#

```
override Visit :
    e:DbScanExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbScanExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbScanExpression](#)

A scan over an entity set or relationship set, as indicated by the target property.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbScanExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbSkipExpression)

When overridden in a derived class, implements the visitor pattern for DbSkipExpression.

Syntax

C#

```
public override ISqlFragment Visit(
    DbSkipExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit(
    DbSkipExpression^ e
) override
```

F#

```
override Visit :
    e:DbSkipExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (
    e As DbSkipExpression
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbSkipExpression](#)

A specified number of elements in the input set.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbSkipExpression.



[Return to top](#)

### **SqlGenerator.Visit Method (DbSortExpression)**

When overridden in a derived class, implements the visitor pattern for DbSortExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbSortExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbSortExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbSortExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbSortExpression  
) As ISqlFragment
```

### **Parameters**

*e*

Type: [System.Data.Common.CommandTrees.DbSortExpression](#)

A sort operation applied to the elements of the specified input set based on the given sort keys.

### **Return Value**

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbSortExpression.

[Return to top](#)

### **SqlGenerator.Visit Method (DbTreatExpression)**

When overridden in a derived class, implements the visitor pattern for DbTreatExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbTreatExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbTreatExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbTreatExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbTreatExpression
```

```
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbTreatExpression](#)

A type conversion operation applied to a polymorphic argument.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbTreatExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbUnionAllExpression)

When overridden in a derived class, implements the visitor pattern for DbUnionAllExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbUnionAllExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbUnionAllExpression^ e  
) override
```

F#

```
override Visit :  
    e:DbUnionAllExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbUnionAllExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbUnionAllExpression](#)

The set union operation between the left and right operands.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbUnionAllExpression.

[Return to top](#)

#### SqlGenerator.Visit Method (DbVariableReferenceExpression)

When overridden in a derived class, implements the visitor pattern for DbVariableReferenceExpression.

Syntax

C#

```
public override ISqlFragment Visit(  
    DbVariableReferenceExpression e  
)
```

C++

```
public:  
virtual ISqlFragment^ Visit(  
    DbVariableReferenceExpression^ e
```

```
) override
```

F#

```
override Visit :  
    e:DbVariableReferenceExpression -> ISqlFragment
```

VB

```
Public Overrides Function Visit (  
    e As DbVariableReferenceExpression  
) As ISqlFragment
```

#### Parameters

*e*

Type: [System.Data.Common.CommandTrees.DbVariableReferenceExpression](#)

A reference to a variable that is currently in scope.

#### Return Value

Type: [Microsoft.HostIntegration.MsDb2EntityClient.ISqlFragment](#)

The visitor pattern for DbVariableReferenceExpression.

[Return to top](#)

# SqlGenerator.Visit Method (DbAndExpression)

When overridden in a derived class, implements the visitor pattern for DbAndExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbAndExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbAndExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbAndExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbAndExpression e
)
```

JScript

```
public override function Visit (
    e : DbAndExpression
) : ISqlFragment
```

## Parameters

e

An expression that has a binary operator.

## Return Value

The visitor pattern for DbAndExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbApplyExpression)

When overridden in a derived class, implements the visitor pattern for DbApplyExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbApplyExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbApplyExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbApplyExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbApplyExpression e
)
```

JScript

```
public override function Visit (
    e : DbApplyExpression
) : ISqlFragment
```

## Parameters

e

The expression that is visited.

## Return Value

The visitor pattern for DbApplyExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbArithmeticExpression)

When overridden in a derived class, implements the visitor pattern for DbArithmeticExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbArithmeticExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbArithmeticExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbArithmeticExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbArithmeticExpression e
)
```

JScript

```
public override function Visit (
    e : DbArithmeticExpression
) : ISqlFragment
```

## Parameters

e

Expression supporting basic arithmetic.

## Return Value

The visitor pattern for DbArithmeticExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbCaseExpression)

When overridden in a derived class, implements the visitor pattern for DbCaseExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbCaseExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbCaseExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbCaseExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbCaseExpression e
)
```

JScript

```
public override function Visit (
    e : DbCaseExpression
) : ISqlFragment
```

## Parameters

e

The expression that is visited.

## Return Value

The visitor pattern for DbCaseExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbCastExpression)

When overridden in a derived class, implements the visitor pattern for DbCastExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbCastExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbCastExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbCastExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbCastExpression e
)
```

JScript

```
public override function Visit (
    e : DbCastExpression
) : ISqlFragment
```

## Parameters

e

The expression that is visited.

## Return Value

The visitor pattern for DbCastExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# SqlGenerator.Visit Method (DbComparisonExpression)

When overridden in a derived class, implements the visitor pattern for DbComparisonExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbComparisonExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbComparisonExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbComparisonExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbComparisonExpression e
)
```

JScript

```
public override function Visit (
    e : DbComparisonExpression
) : ISqlFragment
```

## Parameters

e

A comparison operation applied to two arguments

## Return Value

The visitor pattern for DbComparisonExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbConstantExpression)

When overridden in a derived class, implements the visitor pattern for DbConstantExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbConstantExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbConstantExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbConstantExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbConstantExpression e
)
```

JScript

```
public override function Visit (
    e : DbConstantExpression
) : ISqlFragment
```

## Parameters

e

An expression that has a constant value.

## Return Value

The visitor pattern for DbConstantExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbCrossJoinExpression)

When overridden in a derived class, implements the visitor pattern for DbCrossJoinExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbCrossJoinExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbCrossJoinExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbCrossJoinExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbCrossJoinExpression e
)
```

JScript

```
public override function Visit (
    e : DbCrossJoinExpression
) : ISqlFragment
```

## Parameters

e

An unconditional join operation between the given collection arguments.

## Return Value

The visitor pattern for DbCrossJoinExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbDerefExpression)

When overridden in a derived class, implements the visitor pattern for DbDerefExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbDerefExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbDerefExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbDerefExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbDerefExpression e
)
```

JScript

```
public override function Visit (
    e : DbDerefExpression
) : ISqlFragment
```

## Parameters

e

An expression that retrieves an entity based on the specified reference.

## Return Value

The visitor pattern for DbDerefExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbDistinctExpression)

When overridden in a derived class, implements the visitor pattern for DbDistinctExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbDistinctExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbDistinctExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbDistinctExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbDistinctExpression e
)
```

JScript

```
public override function Visit (
    e : DbDistinctExpression
) : ISqlFragment
```

## Parameters

e

Removes duplicate elements from the specified set argument.

## Return Value

The visitor pattern for DbDistinctExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbElementExpression)

When overridden in a derived class, implements the visitor pattern for DbElementExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbElementExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbElementExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbElementExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbElementExpression e
)
```

JScript

```
public override function Visit (
    e : DbElementExpression
) : ISqlFragment
```

## Parameters

e

The conversion of the specified set argument to a singleton.

## Return Value

The visitor pattern for DbElementExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbEntityRefExpression)

When overridden in a derived class, implements the visitor pattern for DbEntityRefExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbEntityRefExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbEntityRefExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbEntityRefExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbEntityRefExpression e
)
```

JScript

```
public override function Visit (
    e : DbEntityRefExpression
) : ISqlFragment
```

## Parameters

e

An expression that extracts a reference from the underlying entity instance.

## Return Value

The visitor pattern for DbEntityRefExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbExceptExpression)

When overridden in a derived class, implements the visitor pattern for DbExceptExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbExceptExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbExceptExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbExceptExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbExceptExpression e
)
```

JScript

```
public override function Visit (
    e : DbExceptExpression
) : ISqlFragment
```

## Parameters

e

The set subtraction operation between the left and right operands.

## Return Value

The visitor pattern for DbExceptExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# SqlGenerator.Visit Method (DbExpression)

When overridden in a derived class, implements the visitor pattern for DbExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbExpression e
)
```

JScript

```
public override function Visit (
    e : DbExpression
) : ISqlFragment
```

## Parameters

e

The basic functionality required by expression types.

## Return Value

The visitor pattern for DbExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbFilterExpression)

When overridden in a derived class, implements the visitor pattern for DbFilterExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbFilterExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbFilterExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbFilterExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbFilterExpression e
)
```

JScript

```
public override function Visit (
    e : DbFilterExpression
) : ISqlFragment
```

## Parameters

e

A predicate applied to filter an input set.

## Return Value

The visitor pattern for DbFilterExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbFunctionExpression)

When overridden in a derived class, implements the visitor pattern for DbFunctionExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbFunctionExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbFunctionExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbFunctionExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbFunctionExpression e
)
```

JScript

```
public override function Visit (
    e : DbFunctionExpression
) : ISqlFragment
```

## Parameters

e

An invocation of a function.

## Return Value

The visitor pattern for DbFunctionExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbGroupByExpression)

When overridden in a derived class, implements the visitor pattern for DbGroupByExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbGroupByExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbGroupByExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbGroupByExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbGroupByExpression e
)
```

JScript

```
public override function Visit (
    e : DbGroupByExpression
) : ISqlFragment
```

## Parameters

e

Represents a group by operation.

## Return Value

The visitor pattern for DbGroupByExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbIntersectExpression)

When overridden in a derived class, implements the visitor pattern for DbIntersectExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbIntersectExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbIntersectExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbIntersectExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbIntersectExpression e
)
```

JScript

```
public override function Visit (
    e : DbIntersectExpression
) : ISqlFragment
```

## Parameters

e

The set intersection operation between the left and right operands.

## Return Value

The visitor pattern for DbIntersectExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbIsEmptyExpression)

When overridden in a derived class, implements the visitor pattern for DbIsEmptyExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbIsEmptyExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbIsEmptyExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbIsEmptyExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbIsEmptyExpression e
)
```

JScript

```
public override function Visit (
    e : DbIsEmptyExpression
) : ISqlFragment
```

## Parameters

e

An empty set determination applied to a single set argument.

## Return Value

The visitor pattern for DbIsEmptyExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbIsNullExpression)

When overridden in a derived class, implements the visitor pattern for DbIsNullExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbIsNullExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbIsNullExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbIsNullExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbIsNullExpression e
)
```

JScript

```
public override function Visit (
    e : DbIsNullExpression
) : ISqlFragment
```

## Parameters

e

A null determination applied to a single argument.

## Return Value

The visitor pattern for DbIsNullExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbIsOfExpression)

When overridden in a derived class, implements the visitor pattern for DbIsOfExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbIsOfExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbIsOfExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbIsOfExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbIsOfExpression e
)
```

JScript

```
public override function Visit (
    e : DbIsOfExpression
) : ISqlFragment
```

## Parameters

e

The type comparison of a single argument against the specified type.

## Return Value

The visitor pattern for DbIsOfExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# SqlGenerator.Visit Method (DbJoinExpression)

When overridden in a derived class, implements the visitor pattern for DbJoinExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbJoinExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbJoinExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbJoinExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbJoinExpression e
)
```

JScript

```
public override function Visit (
    e : DbJoinExpression
) : ISqlFragment
```

## Parameters

e

An inner, left outer, or full outer join operation between the given collection arguments on the specified join condition.

## Return Value

The visitor pattern for DbJoinExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbLikeExpression)

When overridden in a derived class, implements the visitor pattern for DbLikeExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbLikeExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbLikeExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbLikeExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbLikeExpression e
)
```

JScript

```
public override function Visit (
    e : DbLikeExpression
) : ISqlFragment
```

## Parameters

e

A string comparison against the specified pattern with an optional escape string.

## Return Value

The visitor pattern for DbLikeExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbLimitExpression)

When overridden in a derived class, implements the visitor pattern for DbLimitExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbLimitExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbLimitExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbLimitExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbLimitExpression e
)
```

JScript

```
public override function Visit (
    e : DbLimitExpression
) : ISqlFragment
```

## Parameters

e

The restriction of the number of elements in the argument collection to the specified limit value.

## Return Value

The visitor pattern for DbLimitExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbNewInstanceExpression)

When overridden in a derived class, implements the visitor pattern for DbNewInstanceExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbNewInstanceExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbNewInstanceExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbNewInstanceExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbNewInstanceExpression e
)
```

JScript

```
public override function Visit (
    e : DbNewInstanceExpression
) : ISqlFragment
```

## Parameters

e

The construction of a new instance of a given type, including set and record types.

## Return Value

The visitor pattern for DbNewInstanceExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbNotExpression)

When overridden in a derived class, implements the visitor pattern for DbNotExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbNotExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbNotExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbNotExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbNotExpression e
)
```

JScript

```
public override function Visit (
    e : DbNotExpression
) : ISqlFragment
```

## Parameters

e

The logical NOT of a single Boolean argument.

## Return Value

The visitor pattern for DbNotExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DBNullExpression)

When overridden in a derived class, implements the visitor pattern for DBNullExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DBNullExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DBNullExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DBNullExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DBNullExpression e
)
```

JScript

```
public override function Visit (
    e : DBNullExpression
) : ISqlFragment
```

## Parameters

e

A reference to a typed null literal.

## Return Value

The visitor pattern for DBNullExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbTypeExpression)

When overridden in a derived class, implements the visitor pattern for DbTypeExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbTypeExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbTypeExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbTypeExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbTypeExpression e
)
```

JScript

```
public override function Visit (
    e : DbTypeExpression
) : ISqlFragment
```

## Parameters

e

The retrieval of elements of the specified type from the given set argument.

## Return Value

The visitor pattern for DbTypeExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbOrExpression)

When overridden in a derived class, implements the visitor pattern for DbOrExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbOrExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbOrExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbOrExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbOrExpression e
)
```

JScript

```
public override function Visit (
    e : DbOrExpression
) : ISqlFragment
```

## Parameters

e

The logical OR of two Boolean arguments.

## Return Value

The visitor pattern for DbOrExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# SqlGenerator.Visit Method (DbParameterReferenceExpression)

When overridden in a derived class, implements the visitor pattern for DbParameterReferenceExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbParameterReferenceExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbParameterReferenceExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbParameterReferenceExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbParameterReferenceExpression e
)
```

JScript

```
public override function Visit (
    e : DbParameterReferenceExpression
) : ISqlFragment
```

## Parameters

**e**

A reference to a parameter declared on the command tree that contains this expression.

## Return Value

The visitor pattern for DbParameterReferenceExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbProjectExpression)

When overridden in a derived class, implements the visitor pattern for DbProjectExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbProjectExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbProjectExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbProjectExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbProjectExpression e
)
```

JScript

```
public override function Visit (
    e : DbProjectExpression
) : ISqlFragment
```

## Parameters

e

The projection of a given input set over the specified expression.

## Return Value

The visitor pattern for DbProjectExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbPropertyExpression)

When overridden in a derived class, implements the visitor pattern for DbPropertyExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbPropertyExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbPropertyExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbPropertyExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbPropertyExpression e
)
```

JScript

```
public override function Visit (
    e : DbPropertyExpression
) : ISqlFragment
```

## Parameters

e

Methods and properties for retrieving an instance property

## Return Value

The visitor pattern for DbPropertyExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbQuantifierExpression)

When overridden in a derived class, implements the visitor pattern for DbQuantifierExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbQuantifierExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbQuantifierExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbQuantifierExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbQuantifierExpression e
)
```

JScript

```
public override function Visit (
    e : DbQuantifierExpression
) : ISqlFragment
```

## Parameters

**e**

A quantifier operation of the specified kind over the elements of the specified input set.

## Return Value

The visitor pattern for DbQuantifierExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbRefExpression)

When overridden in a derived class, implements the visitor pattern for DbRefExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbRefExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbRefExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbRefExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbRefExpression e
)
```

JScript

```
public override function Visit (
    e : DbRefExpression
) : ISqlFragment
```

## Parameters

e

A strongly typed reference to a specific instance within an entity set.

## Return Value

The visitor pattern for DbRefExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbRefKeyExpression)

When overridden in a derived class, implements the visitor pattern for DbRefKeyExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbRefKeyExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbRefKeyExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbRefKeyExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbRefKeyExpression e
)
```

JScript

```
public override function Visit (
    e : DbRefKeyExpression
) : ISqlFragment
```

## Parameters

e

The retrieval of the key value from the underlying reference value.

## Return Value

The visitor pattern for DbRefKeyExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method

## (DbRelationshipNavigationExpression)

When overridden in a derived class, implements the visitor pattern for DbRelationshipNavigationExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbRelationshipNavigationExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbRelationshipNavigationExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbRelationshipNavigationExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbRelationshipNavigationExpression e
)
```

JScript

```
public override function Visit (
    e : DbRelationshipNavigationExpression
) : ISqlFragment
```

### Parameters

e

The navigation of a relationship.

### Return Value

The visitor pattern for DbRelationshipNavigationExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbScanExpression)

When overridden in a derived class, implements the visitor pattern for DbScanExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbScanExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbScanExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbScanExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbScanExpression e
)
```

JScript

```
public override function Visit (
    e : DbScanExpression
) : ISqlFragment
```

## Parameters

e

A scan over an entity set or relationship set, as indicated by the target property.

## Return Value

The visitor pattern for DbScanExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)



# SqlGenerator.Visit Method (DbSkipExpression)

When overridden in a derived class, implements the visitor pattern for DbSkipExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbSkipExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbSkipExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbSkipExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbSkipExpression e
)
```

JScript

```
public override function Visit (
    e : DbSkipExpression
) : ISqlFragment
```

## Parameters

e

A specified number of elements in the input set.

## Return Value

The visitor pattern for DbSkipExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbSortExpression)

When overridden in a derived class, implements the visitor pattern for DbSortExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbSortExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbSortExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbSortExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbSortExpression e
)
```

JScript

```
public override function Visit (
    e : DbSortExpression
) : ISqlFragment
```

## Parameters

e

A sort operation applied to the elements of the specified input set based on the given sort keys.

## Return Value

The visitor pattern for DbSortExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbTreatExpression)

When overridden in a derived class, implements the visitor pattern for DbTreatExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbTreatExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbTreatExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbTreatExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbTreatExpression e
)
```

JScript

```
public override function Visit (
    e : DbTreatExpression
) : ISqlFragment
```

## Parameters

e

A type conversion operation applied to a polymorphic argument.

## Return Value

The visitor pattern for DbTreatExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbUnionAllExpression)

When overridden in a derived class, implements the visitor pattern for DbUnionAllExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbUnionAllExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbUnionAllExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbUnionAllExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbUnionAllExpression e
)
```

JScript

```
public override function Visit (
    e : DbUnionAllExpression
) : ISqlFragment
```

## Parameters

e

The set union operation between the left and right operands.

## Return Value

The visitor pattern for DbUnionAllExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlGenerator.Visit Method (DbVariableReferenceExpression)

When overridden in a derived class, implements the visitor pattern for DbVariableReferenceExpression.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Visit ( _
    e As DbVariableReferenceExpression _
) As ISqlFragment
```

C#

```
public override ISqlFragment Visit (
    DbVariableReferenceExpression e
)
```

C++

```
public:
virtual ISqlFragment^ Visit (
    DbVariableReferenceExpression^ e
) override
```

J#

```
public ISqlFragment Visit (
    DbVariableReferenceExpression e
)
```

JScript

```
public override function Visit (
    e : DbVariableReferenceExpression
) : ISqlFragment
```

## Parameters

e

A reference to a variable that is currently in scope.

## Return Value

The visitor pattern for DbVariableReferenceExpression.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlGenerator Class](#)

[SqlGenerator Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter Class

Represents the SQL Writer.

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.IO.TextWriter](#)

[System.IO.StringWriter](#)

**Microsoft.HostIntegration.MsDb2EntityClient.SqlWriter**

Syntax

C#

```
public class SqlWriter : StringWriter
```

C++

```
public ref class SqlWriter : StringWriter
```


F#

```
type SqlWriter =  
    class  
        inherit StringWriter  
    end
```




VB

```
Public Class SqlWriter  
    Inherits StringWriter
```








Constructors

Name	Description
 <a href="#">SqlWriter(StringBuilder)</a>	Initializes a new instance of the <b>SqlWriter</b> class using the specified string builder.

Properties

Name	Description
 <a href="#">Encoding</a>	(Inherited from <a href="#">StringWriter</a> .)
 <a href="#">FormatProvider</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">NewLine</a>	(Inherited from <a href="#">TextWriter</a> .)


Methods

Name	Description
 <a href="#">Close()</a>	(Inherited from <a href="#">StringWriter</a> .)
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Dispose()</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Dispose(Boolean)</a>	(Inherited from <a href="#">StringWriter</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Flush()</a>	(Inherited from <a href="#">TextWriter</a> .)

 FlushAsync()	(Inherited from <a href="#">StringWriter.</a> )
 GetHashCode()	(Inherited from <a href="#">Object.</a> )
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 GetStringBuilder()	(Inherited from <a href="#">StringWriter.</a> )
 GetType()	(Inherited from <a href="#">Object.</a> )
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject.</a> )
 MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
 MemberwiseClone(Boolean)	(Inherited from <a href="#">MarshalByRefObject.</a> )
 ToString()	(Inherited from <a href="#">StringWriter.</a> )
 Write(Boolean)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Char)	(Inherited from <a href="#">StringWriter.</a> )
 Write(Char[])	(Inherited from <a href="#">TextWriter.</a> )
 Write(Char[], Int32, Int32)	(Inherited from <a href="#">StringWriter.</a> )
 Write(Decimal)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Double)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Int32)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Int64)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Object)	(Inherited from <a href="#">TextWriter.</a> )
 Write(Single)	(Inherited from <a href="#">TextWriter.</a> )
 Write(String)	Writes a string to the SQL stream.(Overrides <a href="#">StringWriter.Write(String).</a> )
 Write(String, Object)	(Inherited from <a href="#">TextWriter.</a> )
 Write(String, Object, Object)	(Inherited from <a href="#">TextWriter.</a> )
 Write(String, Object, Object, Object)	(Inherited from <a href="#">TextWriter.</a> )
 Write(String, Object[])	(Inherited from <a href="#">TextWriter.</a> )
 Write(UInt32)	(Inherited from <a href="#">TextWriter.</a> )
 Write(UInt64)	(Inherited from <a href="#">TextWriter.</a> )
 WriteAsync(Char)	(Inherited from <a href="#">StringWriter.</a> )
 WriteAsync(Char[])	(Inherited from <a href="#">TextWriter.</a> )
 WriteAsync(Char[], Int32, Int32)	(Inherited from <a href="#">StringWriter.</a> )
 WriteAsync(String)	(Inherited from <a href="#">StringWriter.</a> )
 WriteLine()	Writes a line terminator to the SQL stream.(Overrides <a href="#">TextWriter.WriteLine().</a> )
 WriteLine(Boolean)	(Inherited from <a href="#">TextWriter.</a> )
 WriteLine(Char)	(Inherited from <a href="#">TextWriter.</a> )

 WriteLine(Char[])	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Char[], Int32, Int32)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Decimal)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Double)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Int32)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Int64)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Object)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(Single)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(String)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(String, Object)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(String, Object, Object)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(String, Object, Object, Object)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(String, Object[])	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(UInt32)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLine(UInt64)	(Inherited from <a href="#">TextWriter</a> .)
 WriteLineAsync()	(Inherited from <a href="#">TextWriter</a> .)
 WriteLineAsync(Char)	(Inherited from <a href="#">StringWriter</a> .)
 WriteLineAsync(Char[])	(Inherited from <a href="#">TextWriter</a> .)
 WriteLineAsync(Char[], Int32, Int32)	(Inherited from <a href="#">StringWriter</a> .)
 WriteLineAsync(String)	(Inherited from <a href="#">StringWriter</a> .)

#### Fields

Name	Description
 CoreNewLine	(Inherited from <a href="#">TextWriter</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

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# SqlWriter Members

Represents the SQL Writer.


The following tables list the members exposed by the [SqlWriter](#) type.

## Public Constructors

Name	Description
<a href="#">SqlWriter</a>	Initializes a new instance of the <a href="#">SqlWriter</a> class using the specified string builder.

[Top](#)

## Public Fields (see also [Protected Fields](#))

Name	Description
 <a href="#">Null</a>	(inherited from <a href="#">TextWriter</a> )




[Top](#)

## Protected Fields

Name	Description
 <a href="#">CoreNewLine</a>	(inherited from <a href="#">TextWriter</a> )


















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## Public Properties

Name	Description
 <a href="#">Encoding</a>	(inherited from <a href="#">StringWriter</a> )
 <a href="#">FormatProvider</a>	(inherited from <a href="#">TextWriter</a> )
 <a href="#">NewLine</a>	(inherited from <a href="#">TextWriter</a> )




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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Close</a>	(inherited from <a href="#">StringWriter</a> )
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">StringWriter</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">Flush</a>	(inherited from <a href="#">TextWriter</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetStringBuilder</a>	(inherited from <a href="#">StringWriter</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
  <a href="#">Synchronized</a>	(inherited from <a href="#">TextWriter</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">StringWriter</a> )
 <a href="#">Write</a>	Overloaded.
 <a href="#">WriteLine</a>	Overloaded. Overridden.

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## Protected Methods

Name	Description
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">StringWriter</a> )
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

[Top](#)

See Also


## Reference

[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter Fields

Public Fields (see also [Protected Fields](#))

	Name	Description
	<a href="#">Null</a>	(inherited from <a href="#">TextWriter</a> )

Protected Fields

	Name	Description
	<a href="#">CoreNewLine</a>	(inherited from <a href="#">TextWriter</a> )

See Also

**Reference**

[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter Constructor

Initializes a new instance of the [SqlWriter](#) class using the specified string builder.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    b As StringBuilder _
)
```

C#

```
public SqlWriter (
    StringBuilder b
)
```

C++

```
public:
    SqlWriter (
        StringBuilder^ b
    )
```

J#

```
public SqlWriter (
    StringBuilder b
)
```

JScript

```
public function SqlWriter (
    b : StringBuilder
)
```

## Parameters

b

The string builder used.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[SqlWriter Class](#)

[SqlWriter Members](#)




[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	(inherited from <a href="#">StringWriter</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">StringWriter</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Flush</a>	(inherited from <a href="#">TextWriter</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetStringBuilder</a>	(inherited from <a href="#">StringWriter</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">Synchronized</a>	(inherited from <a href="#">TextWriter</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">StringWriter</a> )
	<a href="#">Write</a>	Overloaded.
	<a href="#">WriteLine</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">StringWriter</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

See Also

## Reference

[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter.Write Method

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

## Overload List

Name	Description
 <a href="#">Write(Boolean)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Char)</a>	(Inherited from <a href="#">StringWriter</a> .)
 <a href="#">Write(Char[])</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Char[], Int32, Int32)</a>	(Inherited from <a href="#">StringWriter</a> .)
 <a href="#">Write(Decimal)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Double)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Int32)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Int64)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(Single)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(String)</a>	Writes a string to the SQL stream.(Overrides <a href="#">StringWriter.Write(String)</a> .)
 <a href="#">Write(String, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(String, Object, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(String, Object, Object, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(String, Object[])</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(UInt32)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">Write(UInt64)</a>	(Inherited from <a href="#">TextWriter</a> .)

## See Also

[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

[Return to top](#)

## SqlWriter.Write Method (String)

Writes a string to the SQL stream.

## Syntax

C#

```
public override void Write(  
    string value  
)
```

C++

```
public:  
virtual void Write(  
    String^ value  
) override
```

F#

```
override Write :  
    value:string -> unit
```

VB

```
Public Overrides Sub Write (  
    value As String  
)
```

#### Parameters

*value*

Type: [System.String](#)

The string to write.

[Return to top](#)

# SqlWriter.Write Method (String)

Writes a string to the SQL stream.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Write ( _
    value As String _
)
```

C#

```
public override void Write (
    string value
)
```

C++

```
public:
virtual void Write (
    String^ value
) override
```

J#

```
public void Write (
    String value
)
```

JScript

```
public override function Write (
    value : String
)
```

## Parameters

value

The string to write.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SqlWriter Class](#)

[SqlWriter Members](#)



















[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter.WriteLine Method

**Namespace:** [Microsoft.HostIntegration.MsDb2EntityClient](#)

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in Microsoft.HostIntegration.MsDb2EntityClient.dll)

## Overload List

Name	Description
 <a href="#">WriteLine()</a>	Writes a line terminator to the SQL stream.(Overrides <a href="#">TextWriter.WriteLine()</a> .)
 <a href="#">WriteLine(Boolean)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Char)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Char[])</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Char[], Int32, Int32)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Decimal)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Double)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Int32)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Int64)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(Single)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(String)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(String, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(String, Object, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(String, Object, Object, Object)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(String, Object[])</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(UInt32)</a>	(Inherited from <a href="#">TextWriter</a> .)
 <a href="#">WriteLine(UInt64)</a>	(Inherited from <a href="#">TextWriter</a> .)

See Also

[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

[Return to top](#)

## SqlWriter.WriteLine Method ()

Writes a line terminator to the SQL stream.

Syntax

C#

```
public override void WriteLine()
```

C++

```
public:  
virtual void WriteLine() override
```

F#



```
override WriteLine : unit -> unit
```

VB

```
Public Overrides Sub WriteLine
```

[Return to top](#)

# SqlWriter.WriteLine Method ()

Writes a line terminator to the SQL stream.

**Namespace:** Microsoft.HostIntegration.MsDb2EntityClient

**Assembly:** Microsoft.HostIntegration.MsDb2EntityClient (in microsoft.hostintegration.msdb2entityclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub WriteLine
```

C#

```
public override void WriteLine ()
```

C++

```
public:  
virtual void WriteLine () override
```

J#

```
public void WriteLine ()
```

JScript

```
public override function WriteLine ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**




[SqlWriter Class](#)

[SqlWriter Members](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)

# SqlWriter Properties

Public Properties

	Name	Description
	<a href="#">Encoding</a>	(inherited from <a href="#">StringWriter</a> )
	<a href="#">FormatProvider</a>	(inherited from <a href="#">TextWriter</a> )
	<a href="#">NewLine</a>	(inherited from <a href="#">TextWriter</a> )

See Also

Reference


















[SqlWriter Class](#)

[Microsoft.HostIntegration.MsDb2EntityClient Namespace](#)










# Microsoft.HostIntegration.MsHostFileClient Namespace




The **Microsoft.HostIntegration.MsHostFileClient** namespace provides access to the Managed Provider for Host Files.

## Classes









Class	Description
 <a href="#">AccessDDMObjClass</a>	Represents the access DDM object class.
 <a href="#">COMMINFO</a>	Specifies the command info.
 <a href="#">DDMGlobals</a>	Specifies the DDM globals.
 <a href="#">DDMTransport</a>	Represents the client to communicate to the DDM server.
 <a href="#">FILATT</a>	Displays the FILATT.
 <a href="#">HostCursor</a>	Represents the implementation of the IDataCursor interface for host files.
 <a href="#">HostDataConnection</a>	Represents a physical connection to the host file system.
 <a href="#">HostFileCommand</a>	Represents a command to execute against the host file system.
 <a href="#">HostFileConnection</a>	Represents a connection to a database.
 <a href="#">HostFileConnectionStringBuilder</a>	Creates a strongly-typed connection strings.
 <a href="#">HostFileDataAdapter</a>	Represents a set of data commands and a host connection that are used to fill the DataSet and update host files.
 <a href="#">HostFileParameter</a>	Represents a host file parameter.
 <a href="#">HostFileParameterCollection</a>	Represents a collection of HostFileParameters for a HostFileCommand.
 <a href="#">HostFileProviderFactory</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Represents a set of methods for creating instances of the <b>Microsoft.HostIntegration.MsHostFileClient</b> provider's implementation of the data source classes.
 <a href="#">HostFileRecordSet</a>	Represents the host file record set.
 <a href="#">RMTFILEINFO</a>	Displays the remote file information.
 <a href="#">UpdateableDataRecord</a>	Represents an updatable data record.

## Structures




















Structure	Description
 <a href="#">DDMTransport.DSSWithMessage.&lt;message&gt;e_FixedBuffer1</a>	Represents the DSS message of the fixed buffer1.
 <a href="#">CHECKOUT</a>	Specifies the checkout method.
 <a href="#">COLATT</a>	Displays the COLATT.
 <a href="#">DATE_ST</a>	Defines the date setting format.
 <a href="#">DDMTransport.DSS</a>	Displays the decentralized software services.
 <a href="#">DDMTransport.DSSWithMessage</a>	Enumerates a DDS with message for the client.
 <a href="#">DDMTransport.GDS</a>	Enumerates the general data stream of the client.
 <a href="#">KEYDEFST</a>	Displays the key def structure.
 <a href="#">KEYLIMIT</a>	Specifies the key limit.




















 <a href="#">ODD_RECORDINFO</a>	Displays the odd _ record information.
 <a href="#">SQLDARDSTR</a>	Displays the SQLDARDSTR.
 <a href="#">USERATT</a>	Enumerates the user ATT of the client.

#### Interfaces

Interface	Description
 <a href="#">DDMInterface</a>	Represents the interface of the DDM server.
 <a href="#">IDataConnection</a>	Represents the data connection to the host server.
 <a href="#">IDataCursor</a>	Defines properties and methods for the data cursor.
 <a href="#">IDataRecordSet</a>	Represents a data record set.
 <a href="#">IDDMTransport</a>	Represents the IDDM transport connection.
 <a href="#">IRecordConverter</a>	Converts a data record between a remote system format and a local system format.
 <a href="#">IRecordConverterFactory</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Represents a factory interface for creating instances of the <a href="#">IRecordConverter</a> class.
 <a href="#">IUpdateableDataRecord</a>	Provides access to the column values within each row.

#### Enumerations

Enumeration	Description
 <a href="#">AccessIntentionOptions</a>	Specifies the access intention options.
 <a href="#">ByteStreamOptions</a>	Enumerates a byte stream options.
 <a href="#">CodePoints</a>	Specifies the code points associated in the host.
 <a href="#">ConnectionStates</a>	Specifies the states of connection.
 <a href="#">CursorMovementOptions</a>	Specifies the cursor movement options.
 <a href="#">CursorStateKeyLimits</a>	Specifies the cursor state key limit.
 <a href="#">DataCursorAccessMethods</a>	Represents the data cursor access methods.
 <a href="#">DataCursorFlags</a>	Represents the data cursor flags.
 <a href="#">DataCursorOpenMode</a>	Represents the data cursor open modes.
 <a href="#">DataCursorShareFlags</a>	Displays the share flags.
 <a href="#">DataCursorState</a>	Displays the data cursor state.
 <a href="#">DataRecordAccessFlags</a>	Specifies the data record access flags.
 <a href="#">DataRecordState</a>	Specifies the data record state.
 <a href="#">DataRecordStatusFlags</a>	Specifies the data record status flags.
 <a href="#">DataRecordVersion</a>	Specifies the data record version.
 <a href="#">DataStreamTypes</a>	Specifies the types of data stream.
 <a href="#">DDMAccessMethods</a>	Specifies the DDM access methods.
 <a href="#">DDMDataFormats</a>	Specifies the DDM data formats.
 <a href="#">DDMFileOptions</a>	Specifies the Discovery Data Manager (DDM) file options.

 <a href="#">DDMTransportTypes</a>	Specifies the DDM transport types.
 <a href="#">DisconnectTypes</a>	Specifies the types of disconnection.
 <a href="#">EncodeDataTypes</a>	Specifies the data types to encode.
 <a href="#">FileAccessHistories</a>	Enumerates a file access histories.
 <a href="#">FileClasses</a>	Specifies the file classes.
 <a href="#">FileSharingOptions</a>	Specifies the options in file sharing.
 <a href="#">HostFileType</a>	Specifies the host file types.
 <a href="#">HostServerClass</a>	Specifies the type of the host system.
 <a href="#">InsertRecordOptions</a>	Specifies the options to insert record.
 <a href="#">KeyClass</a>	Specifies the key class associated with the host.
 <a href="#">KeyLimitOptions</a>	Specifies the key limit options.
 <a href="#">KeyOrdering</a>	Specifies the key ordering.
 <a href="#">KeyValueSearchOptions</a>	Specifies the key value search options.
 <a href="#">MWRReturnCodes</a>	Specifies the memory window return codes.
 <a href="#">RecordLengthClasses</a>	Specifies the recorded length of classes.
 <a href="#">RecordSetType</a>	Represents the type of recordset on the host file system.
 <a href="#">SQLDataTypes</a>	Enumerates a SQL data types.
 <a href="#">UpdateResult</a>	Specifies the result of an attempted update.
 <a href="#">WhatRcvdValues</a>	Specifies the values received.

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# ABBREV\_FILATT Structure

Displays the ABBREV\_FILATT.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Structure ABBREV_FILATT
```

C#

```
public struct ABBREV_FILATT
```

C++

```
public value class ABBREV_FILATT
```

J#

```
public final class ABBREV_FILATT extends ValueType
```

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Members](#)











[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT Members

Displays the ABBREV\_FILATT.







The following tables list the members exposed by the [ABBREV\\_FILATT](#) type.

Public Fields

	Name	Description
	<a href="#">accmthls</a>	The accmthls.
	<a href="#">delcp</a>	The delcp.
	<a href="#">duplicatekey</a>	The duplicatekey.
	<a href="#">inserttcp</a>	The inserttcp.
	<a href="#">modifycp</a>	The modifycp.
	<a href="#">name</a>	The name.
	<a href="#">numkeyfields</a>	The numkeyfields.
	<a href="#">numrec</a>	The numrec.
	<a href="#">readcp</a>	The readcp.
	<a href="#">reclen</a>	The reclen.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

[Top](#)

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

Reference











[ABBREV\\_FILATT Structure](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# ABBREV\_FILATT Fields

Public Fields

	Name	Description
	<a href="#">accmthls</a>	The accmthls.
	<a href="#">delcp</a>	The delcp.
	<a href="#">duplicatekey</a>	The duplicatekey.
	<a href="#">inserttcp</a>	The inserttcp.
	<a href="#">modifycp</a>	The modifycp.
	<a href="#">name</a>	The name.
	<a href="#">numkeyfields</a>	The numkeyfields.
	<a href="#">numrec</a>	The numrec.
	<a href="#">readcp</a>	The readcp.
	<a href="#">reclen</a>	The reclen.

See Also

Reference

[ABBREV\\_FILATT Structure](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.accmthls Field

The accmthls.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public accmthls As UShort
```

C#

```
public ushort accmthls
```

C++

```
public:  
unsigned short accmthls
```

J#

```
public UInt16 accmthls
```

JScript

```
public var accmthls : ushort
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.delcp Field

The delcp.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public delcp As SByte
```

C#

```
public sbyte delcp
```

C++

```
public:  
signed char delcp
```

J#

```
public SByte delcp
```

JScript

```
public var delcp : sbyte
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.duplicatekey Field

The duplicatekey.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public duplicatekey As SByte
```

C#

```
public sbyte duplicatekey
```

C++

```
public:  
signed char duplicatekey
```

J#

```
public SByte duplicatekey
```

JScript

```
public var duplicatekey : sbyte
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.insertcp Field

The insertcp.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public insertcp As SByte
```

C#

```
public sbyte insertcp
```

C++

```
public:  
signed char insertcp
```

J#

```
public SByte insertcp
```

JScript

```
public var insertcp : sbyte
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.modifycp Field

The modifycp.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public modifycp As SByte
```

C#

```
public sbyte modifycp
```

C++

```
public:  
signed char modifycp
```

J#

```
public SByte modifycp
```

JScript

```
public var modifycp : sbyte
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.name Field

The name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public name As String
```

C#

```
public string name
```

C++

```
public:  
String^ name
```

J#

```
public String name
```

JScript

```
public var name : String
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.numkeyfields Field

The numkeyfields.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public numkeyfields As Short
```

C#

```
public short numkeyfields
```

C++

```
public:  
short numkeyfields
```

J#

```
public short numkeyfields
```

JScript

```
public var numkeyfields : short
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# ABBREV\_FILATT.numrec Field

The numrec.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public numrec As Integer
```

C#

```
public int numrec
```

C++

```
public:  
int numrec
```

J#

```
public int numrec
```

JScript

```
public var numrec : int
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.readcp Field

The readcp.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public readcp As SByte
```

C#

```
public sbyte readcp
```

C++

```
public:  
signed char readcp
```

J#

```
public SByte readcp
```

JScript

```
public var readcp : sbyte
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT.reclen Field

The reclen.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public reclen As Integer
```

C#

```
public int reclen
```

C++

```
public:  
int reclen
```

J#

```
public int reclen
```

JScript

```
public var reclen : int
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[ABBREV\\_FILATT Structure](#)

[ABBREV\\_FILATT Members](#)




[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# ABBREV\_FILATT Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ABBREV\\_FILATT Structure](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObj Interface

Implements the IAccessDDMObj interface.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")> _
<CoClassAttribute(GetType(AccessDDMObjClass))> _
Public Interface AccessDDMObj
    Inherits IAccessDDMObj
```

C#

```
[GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")]
[CoClassAttribute(typeof(AccessDDMObjClass))]
public interface AccessDDMObj : IAccessDDMObj
```

C++

```
[GuidAttribute(L"EB3F2036-D6EF-4B2D-A580-75B9B5099D99")]
[CoClassAttribute(typeof(AccessDDMObjClass))]
public interface class AccessDDMObj : IAccessDDMObj
```

J#

```
/** @attribute GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99") */
/** @attribute CoClassAttribute(Microsoft.HostIntegration.MsHostFileClient.AccessDDMObjClass) */
public interface AccessDDMObj extends IAccessDDMObj
```

JScript

```
GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")
CoClassAttribute(Microsoft.HostIntegration.MsHostFileClient.AccessDDMObjClass)
public interface AccessDDMObj extends IAccessDDMObj
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObj Members

Implements the IAccessDDMObj interface.

The following tables list the members exposed by the [AccessDDMObj](#) type.

See Also

## Reference

[AccessDDMObj Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass Class

Represents the access DDM object class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.MsHostFileClient.AccessDDMObjClass**

Syntax

C#

```
public class AccessDDMObjClass : DDMInterface
```

C++

```
public ref class AccessDDMObjClass : DDMInterface
```

F#

```
type AccessDDMObjClass =  
    class  
        interface DDMInterface  
    end
```
















VB













```
Public Class AccessDDMObjClass  
    Implements DDMInterface
```

Constructors

	Name	Description
	<a href="#">AccessDDMObjClass(COMMINFO)</a>	

Methods

	Name	Description
	<a href="#">ClearFile(String)</a>	
	<a href="#">Close(Int32)</a>	Closes the file.
	<a href="#">Connect(String, Int16, RuntimeCallContext)</a>	
	<a href="#">Delete(Int32)</a>	Deletes the current file.
	<a href="#">Disconnect()</a>	
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ExecuteCommand(String, String)</a>	
	<a href="#">Fetch(Int32, Byte[], Int32, Int32)</a>	Retrieves the connection.
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetServerInfo(Int16, Int16, Int16, Int16)</a>	
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Insert(Int32, Byte[], Int32, Int16, Int32)</a>	Inserts a specified object in the connection.
	<a href="#">LockIt(Int32, Int32)</a>	Locks the file.
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)

 <a href="#">MoveBottom(Int32)</a>	Moves the specified object at the bottom.
 <a href="#">MoveFirst(Int32, Int32, Byte[], Int32, Int32, Int32, Int32)</a>	Moves the specified object first.
 <a href="#">MoveLast(Int32, Int32, Byte[], Int32, Int32, Int32, Int32)</a>	Moves the object to the last.
 <a href="#">MoveNext(Int32, Int32, Byte[], Int32, Int32, Int32, Int32, Boolean)</a>	
 <a href="#">MovePrev(Int32, Int32, Byte[], Int32, Int32, Int32, Int32)</a>	Move the object to the previous.
 <a href="#">MoveTo(Int32, Int32, Int32, Byte[], Int32, Int32, Int32)</a>	Moves the object to the specified location.
 <a href="#">MoveTop(Int32)</a>	Moves the object to the top.
 <a href="#">Open(String, Int64, FILATT, KEYDEFST[], Int32)</a>	
 <a href="#">SetKeyLimits(Int32, Byte[], Boolean, Byte[], Boolean)</a>	
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">UnlockIt(Int32)</a>	Unlocks the file.
 <a href="#">Update(Int32, Byte[], Int32, Boolean)</a>	

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)



# AccessDDMObjClass Members

Represents the access DDM object class.




























The following tables list the members exposed by the [AccessDDMObjClass](#) type.

## Public Constructors

Name	Description
<a href="#">AccessDDMObjClass</a>	Initializes a new instance of the <a href="#">AccessDDMObjClass</a> Class.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the file.
	<a href="#">Connect</a>	Connects the specified object to the file.
	<a href="#">Delete</a>	Deletes the current file.
	<a href="#">Disconnect</a>	Stops an object from receiving any command.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteCommand</a>	Executes the command.
	<a href="#">Fetch</a>	Retrieves the connection.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetServerInfo</a>	Gets the server information.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Insert</a>	Inserts a specified object in the connection.
	<a href="#">LockIt</a>	Locks the file.
	<a href="#">MoveBottom</a>	Moves the specified object at the bottom.
	<a href="#">MoveFirst</a>	Moves the specified object first.
	<a href="#">MoveLast</a>	Moves the object to the last.
	<a href="#">MoveNext</a>	Moves the object to the next.
	<a href="#">MovePrev</a>	Move the object to the previous.
	<a href="#">MoveTo</a>	Moves the object to the specified location.
	<a href="#">MoveTop</a>	Moves the object to the top.
	<a href="#">Open</a>	Opens the connection.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetKeyLimits</a>	Sets the key limits.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">UnlockIt</a>	Unlocks the file.
	<a href="#">Update</a>	Updates the status of the file.

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[AccessDDMObjClass Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass Constructor

Initializes a new instance of the [AccessDDMObjClass](#) Class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public AccessDDMObjClass ()
```

C++

```
public:  
AccessDDMObjClass ()
```

J#

```
public AccessDDMObjClass ()
```

JScript

```
public function AccessDDMObjClass ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**




























[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the file.
	<a href="#">Connect</a>	Connects the specified object to the file.
	<a href="#">Delete</a>	Deletes the current file.
	<a href="#">Disconnect</a>	Stops an object from receiving any command.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteCommand</a>	Executes the command.
	<a href="#">Fetch</a>	Retrieves the connection.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetServerInfo</a>	Gets the server information.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Insert</a>	Inserts a specified object in the connection.
	<a href="#">LockIt</a>	Locks the file.
	<a href="#">MoveBottom</a>	Moves the specified object at the bottom.
	<a href="#">MoveFirst</a>	Moves the specified object first.
	<a href="#">MoveLast</a>	Moves the object to the last.
	<a href="#">MoveNext</a>	Moves the object to the next.
	<a href="#">MovePrev</a>	Move the object to the previous.
	<a href="#">MoveTo</a>	Moves the object to the specified location.
	<a href="#">MoveTop</a>	Moves the object to the top.
	<a href="#">Open</a>	Opens the connection.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetKeyLimits</a>	Sets the key limits.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">UnlockIt</a>	Unlocks the file.
	<a href="#">Update</a>	Updates the status of the file.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[AccessDDMObjClass Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.ClearFile Method

Clears the specified file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(5)> _
Public Overridable Sub ClearFile ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> FileName As String _
)
```

C#

```
[DispIdAttribute(5)]
public virtual void ClearFile (
    [InAttribute] short nConnectionId,
    [InAttribute] string FileName
)
```

C++

```
[DispIdAttribute(5)]
public:
virtual void ClearFile (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ FileName
)
```

J#

```
/** @attribute DispIdAttribute(5) */
public void ClearFile (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String FileName
)
```

JScript

```
DispIdAttribute(5)
public function ClearFile (
    nConnectionId : short,
    FileName : String
)
```

## Parameters

nConnectionId

The connection id.

FileName

The name of the file to clear.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.Close Method

Closes the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(7)> _
Public Overridable Sub Close ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(7)]
public virtual void Close (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(7)]
public:
virtual void Close (
    [InAttribute] int plFileId
)
```

J#

```
/** @attribute DispIdAttribute(7) */
public void Close (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(7)
public function Close (
    plFileId : int
)
```

## Parameters

plFileId

The file identification.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.Connect Method

Connects the specified object to the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(1)> _
Public Overridable Sub Connect ( _
    connectionString As String, _
    <InAttribute> <OutAttribute> ByRef ConnectionId As Short, _
    <InAttribute> <OutAttribute> ByRef CCSId As Short _
)
```

C#

```
[DispIdAttribute(1)]
public virtual void Connect (
    string connectionString,
    [InAttribute] out short ConnectionId,
    [InAttribute] out short CCSId
)
```

C++

```
[DispIdAttribute(1)]
public:
virtual void Connect (
    String^ connectionString,
    [InAttribute] [OutAttribute] short% ConnectionId,
    [InAttribute] [OutAttribute] short% CCSId
)
```

J#

```
/** @attribute DispIdAttribute(1) */
public void Connect (
    String connectionString,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ short ConnectionId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ short CCSId
)
```

JScript

## Parameters

ConnectionString

The connection string.

ConnectionId

The connection identification.

CCSId

The CCS identification.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# AccessDDMObjClass.Delete Method

Deletes the current file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(16)> _
Public Overridable Sub Delete ( _
    <InAttribute> lFileId As Integer _
)
```

C#

```
[DispIdAttribute(16)]
public virtual void Delete (
    [InAttribute] int lFileId
)
```

C++

```
[DispIdAttribute(16)]
public:
virtual void Delete (
    [InAttribute] int lFileId
)
```

J#

```
/** @attribute DispIdAttribute(16) */
public void Delete (
    /** @attribute InAttribute() */ int lFileId
)
```

JScript

```
DispIdAttribute(16)
public function Delete (
    lFileId : int
)
```

## Parameters

lFileId

The file identification.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.Disconnect Method

Stops an object from receiving any command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(2)> _
Public Overridable Sub Disconnect ( _
    ConnectionId As Short _
)
```

C#

```
[DispIdAttribute(2)]
public virtual void Disconnect (
    short ConnectionId
)
```

C++

```
[DispIdAttribute(2)]
public:
virtual void Disconnect (
    short ConnectionId
)
```

J#

```
/** @attribute DispIdAttribute(2) */
public void Disconnect (
    short ConnectionId
)
```

JScript

```
DispIdAttribute(2)
public function Disconnect (
    ConnectionId : short
)
```

## Parameters

ConnectionId

The connection id.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.ExecuteCommand Method

Executes the command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(4)> _
Public Overridable Sub ExecuteCommand ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> pszCommand As String, _
    <InAttribute> <OutAttribute> ByRef pszReply As String _
)
```

C#

```
[DispIdAttribute(4)]
public virtual void ExecuteCommand (
    [InAttribute] short nConnectionId,
    [InAttribute] string pszCommand,
    [InAttribute] out string pszReply
)
```

C++

```
[DispIdAttribute(4)]
public:
virtual void ExecuteCommand (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ pszCommand,
    [InAttribute] [OutAttribute] String^% pszReply
)
```

J#

```
/** @attribute DispIdAttribute(4) */
public void ExecuteCommand (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String pszCommand,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ String pszReply
)
```

JScript

## Parameters

nConnectionId

The connection id.

pszCommand

The command.

pszReply

The reply.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.Fetch Method

Retrieves the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(15)> _
Public Overridable Sub Fetch ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer _
)
```

C#

```
[DispIdAttribute(15)]
public virtual void Fetch (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord
)
```

C++

```
[DispIdAttribute(15)]
public:
virtual void Fetch (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord
)
```

J#

```
/** @attribute DispIdAttribute(15) */
public void Fetch (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
)
```

JScript

## Parameters

lFileId

The file id.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.GetServerInfo Method

Gets the server information.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(3)> _
Public Overridable Sub GetServerInfo ( _
    <InAttribute> nConnectionId As Short, _
    <OutAttribute> ByRef pServerClass As Short, _
    <OutAttribute> ByRef pVersion As Short, _
    <OutAttribute> ByRef pSubVersion As Short, _
    <OutAttribute> ByRef pModification As Short _
)
```

C#

```
[DispIdAttribute(3)]
public virtual void GetServerInfo (
    [InAttribute] short nConnectionId,
    out short pServerClass,
    out short pVersion,
    out short pSubVersion,
    out short pModification
)
```

C++

```
[DispIdAttribute(3)]
public:
virtual void GetServerInfo (
    [InAttribute] short nConnectionId,
    [OutAttribute] short% pServerClass,
    [OutAttribute] short% pVersion,
    [OutAttribute] short% pSubVersion,
    [OutAttribute] short% pModification
)
```

J#

```
/** @attribute DispIdAttribute(3) */
public void GetServerInfo (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute OutAttribute() */ /** @ref */ short pServerClass,
    /** @attribute OutAttribute() */ /** @ref */ short pVersion,
    /** @attribute OutAttribute() */ /** @ref */ short pSubVersion,
    /** @attribute OutAttribute() */ /** @ref */ short pModification
)
```

JScript

## Parameters

nConnectionId

The connection id.

pServerClass

The server class.

The server class.

pVersion

The server version.

pSubVersion

The server subversion.

pModification

The modification.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# AccessDDMObjClass.Insert Method

Inserts a specified object in the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(18)> _
Public Overridable Sub Insert ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> Record As Byte(), _
    <InAttribute> RecordSize As Integer, _
    <InAttribute> insertType As Short, _
    <InAttribute> recNumber As Integer _
)
```

C#

```
[DispIdAttribute(18)]
public virtual void Insert (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] Record,
    [InAttribute] int RecordSize,
    [InAttribute] short insertType,
    [InAttribute] int recNumber
)
```

C++

```
[DispIdAttribute(18)]
public:
virtual void Insert (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ Record,
    [InAttribute] int RecordSize,
    [InAttribute] short insertType,
    [InAttribute] int recNumber
)
```

J#

```
/** @attribute DispIdAttribute(18) */
public void Insert (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] Record,
    /** @attribute InAttribute() */ int RecordSize,
    /** @attribute InAttribute() */ short insertType,
    /** @attribute InAttribute() */ int recNumber
)
```

JScript

```
DispIdAttribute(18)
public function Insert (
    lFileId : int,
    Record : byte[],
    RecordSize : int,
    insertType : short,
    recNumber : int
)
```

## Parameters

FileId

The file id.

Record

The record.

RecordSize

The size of the record.

insertType

The type to insert.

recNumber

The record number.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.LockIt Method

Locks the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(19)> _
Public Overridable Sub LockIt ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> lPosition As Integer _
)
```

C#

```
[DispIdAttribute(19)]
public virtual void LockIt (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition
)
```

C++

```
[DispIdAttribute(19)]
public:
virtual void LockIt (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition
)
```

J#

```
/** @attribute DispIdAttribute(19) */
public void LockIt (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int lPosition
)
```

JScript

```
DispIdAttribute(19)
public function LockIt (
    lFileId : int,
    lPosition : int
)
```

## Parameters

lFileId

The file id.

lPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveBottom Method

Moves the specified object at the bottom.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(9)> _
Public Overridable Sub MoveBottom ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(9)]
public virtual void MoveBottom (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(9)]
public:
    virtual void MoveBottom (
        [InAttribute] int plFileId
    )
```

J#

```
/** @attribute DispIdAttribute(9) */
public void MoveBottom (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(9)
public function MoveBottom (
    plFileId : int
)
```

## Parameters

plFileId

The file id.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveFirst Method

Moves the specified object first.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(10)> _
Public Overridable Sub MoveFirst ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(10)]
public virtual void MoveFirst (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(10)]
public:
virtual void MoveFirst (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(10) */
public void MoveFirst (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
    dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
    n
)
```

## Parameters

IFileId

The file id.

rgfAccessFlags

The access flags.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveLast Method

Moves the object to the last.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(11)> _
Public Overridable Sub MoveLast ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(11)]
public virtual void MoveLast (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(11)]
public:
virtual void MoveLast (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(11) */
public void MoveLast (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfReco
dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
n
)
```



## Parameters

IFileId

The file id.

rgfAccessFlags

The access flags.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveNext Method

Moves the object to the next.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(12)> _
Public Overridable Sub MoveNext ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer, _
    <OutAttribute> ByRef fMoveSucceeded As Integer _
)
```

C#

```
[DispIdAttribute(12)]
public virtual void MoveNext (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition,
    out int fMoveSucceeded
)
```

C++

```
[DispIdAttribute(12)]
public:
virtual void MoveNext (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition,
    [OutAttribute] int% fMoveSucceeded
)
```

J#

```
/** @attribute DispIdAttribute(12) */
public void MoveNext (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfReco
dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
```

```
n,  
/** @attribute OutAttribute() */ /** @ref */ int fMoveSucceeded  
)
```

## JScript

### Parameters

lFileId

The file id.

rgfAccessFlags

The access flags.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

prgfRecordFlags

The record flags.

plPosition

The specified position.

fMoveSucceeded

Moving is successful.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MovePrev Method

Move the object to the previous.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(13)> _
Public Overridable Sub MovePrev ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(13)]
public virtual void MovePrev (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(13)]
public:
virtual void MovePrev (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(13) */
public void MovePrev (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
    dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
    n
)
```

## Parameters

IFileId

The file id.

rgfAccessFlags

The access flags.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveTo Method

Moves the object to the specified location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(14)> _
Public Overridable Sub MoveTo ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> lPosition As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer _
)
```

C#

```
[DispIdAttribute(14)]
public virtual void MoveTo (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags
)
```

C++

```
[DispIdAttribute(14)]
public:
virtual void MoveTo (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags
)
```

J#

```
/** @attribute DispIdAttribute(14) */
public void MoveTo (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int lPosition,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecordFlags
)
```

JScript

## Parameters

IFileId

The file id.

IPosition

The position.

rgfAccessFlags

The access flags.

pbRecord

The pb record.

cbMaxRecord

The maximum record.

pcbRecord

The pcb record.

prgfRecordFlags

The record flags.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.MoveTop Method

Moves the object to the top.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(8)> _
Public Overridable Sub MoveTop ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(8)]
public virtual void MoveTop (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(8)]
public:
virtual void MoveTop (
    [InAttribute] int plFileId
)
```

J#

```
/** @attribute DispIdAttribute(8) */
public void MoveTop (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(8)
public function MoveTop (
    plFileId : int
)
```

## Parameters

plFileId

The file id.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# AccessDDMObjClass.Open Method

Opens the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(6)> _
Public Overridable Sub Open ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> FileName As String, _
    <InAttribute> ullOptions As Long, _
    <OutAttribute> ByRef FileAttributes As ABBREV_FILATT, _
    <InAttribute> <OutAttribute> ByRef pKeyDefStructure As MYKEYDEFST(), _
    <InAttribute> <OutAttribute> ByRef plFileId As Integer _
)
```

C#

```
[DispIdAttribute(6)]
public virtual void Open (
    [InAttribute] short nConnectionId,
    [InAttribute] string FileName,
    [InAttribute] long ullOptions,
    out ABBREV_FILATT FileAttributes,
    [InAttribute] out MYKEYDEFST[] pKeyDefStructure,
    [InAttribute] out int plFileId
)
```

C++

```
[DispIdAttribute(6)]
public:
virtual void Open (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ FileName,
    [InAttribute] long long ullOptions,
    [OutAttribute] ABBREV_FILATT% FileAttributes,
    [InAttribute] [OutAttribute] array<MYKEYDEFST>^% pKeyDefStructure,
    [InAttribute] [OutAttribute] int% plFileId
)
```

J#

```
/** @attribute DispIdAttribute(6) */
public void Open (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String FileName,
    /** @attribute InAttribute() */ long ullOptions,
    /** @attribute OutAttribute() */ /** @ref */ ABBREV_FILATT FileAttributes,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ MYKEYDEFST[]
    pKeyDefStructure,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plFileId
)
```

JScript

**Parameters**

nConnectionId

The connection id.

FileName

The name of the file.

ullOptions

Lists of options.

FileAttributes

The file attributes.

pKeyDefStructure

The Key Def Structure.

pFileId

The file id.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.SetKeyLimits Method

Sets the key limits.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(21)> _
Public Overridable Sub SetKeyLimits ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> pbKeyLow As Byte(), _
    <InAttribute> cbKeyLow As Integer, _
    <InAttribute> fKeyLowInclusive As Integer, _
    <InAttribute> pbKeyHigh As Byte(), _
    <InAttribute> cbKeyHigh As Integer, _
    <InAttribute> fKeyHighInclusive As Integer _
)
```

C#

```
[DispIdAttribute(21)]
public virtual void SetKeyLimits (
    [InAttribute] int lFileId,
    [InAttribute] byte[] pbKeyLow,
    [InAttribute] int cbKeyLow,
    [InAttribute] int fKeyLowInclusive,
    [InAttribute] byte[] pbKeyHigh,
    [InAttribute] int cbKeyHigh,
    [InAttribute] int fKeyHighInclusive
)
```

C++

```
[DispIdAttribute(21)]
public:
virtual void SetKeyLimits (
    [InAttribute] int lFileId,
    [InAttribute] array<unsigned char>^ pbKeyLow,
    [InAttribute] int cbKeyLow,
    [InAttribute] int fKeyLowInclusive,
    [InAttribute] array<unsigned char>^ pbKeyHigh,
    [InAttribute] int cbKeyHigh,
    [InAttribute] int fKeyHighInclusive
)
```

J#

```
/** @attribute DispIdAttribute(21) */
public void SetKeyLimits (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ byte[] pbKeyLow,
    /** @attribute InAttribute() */ int cbKeyLow,
    /** @attribute InAttribute() */ int fKeyLowInclusive,
    /** @attribute InAttribute() */ byte[] pbKeyHigh,
    /** @attribute InAttribute() */ int cbKeyHigh,
    /** @attribute InAttribute() */ int fKeyHighInclusive
)
```

JScript

```
DispIdAttribute(21)
```

```
public function SetKeyLimits (  
    lFileId : int,  
    pbKeyLow : byte[],  
    cbKeyLow : int,  
    fKeyLowInclusive : int,  
    pbKeyHigh : byte[],  
    cbKeyHigh : int,  
    fKeyHighInclusive : int  
)
```

## Parameters

lFileId

The file id.

pbKeyLow

The pb key low.

cbKeyLow

The cb key low.

fKeyLowInclusive

The inclusive key low.

pbKeyHigh

The pb key high.

cbKeyHigh

The cb key high.

fKeyHighInclusive

The inclusive key high.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.UnlockIt Method

Unlocks the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(20)> _
Public Overridable Sub UnlockIt ( _
    <InAttribute> lFileId As Integer _
)
```

C#

```
[DispIdAttribute(20)]
public virtual void UnlockIt (
    [InAttribute] int lFileId
)
```

C++

```
[DispIdAttribute(20)]
public:
virtual void UnlockIt (
    [InAttribute] int lFileId
)
```

J#

```
/** @attribute DispIdAttribute(20) */
public void UnlockIt (
    /** @attribute InAttribute() */ int lFileId
)
```

JScript

```
DispIdAttribute(20)
public function UnlockIt (
    lFileId : int
)
```

## Parameters

lFileId

The file id.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# AccessDDMObjClass.Update Method

Updates the status of the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(17)> _
Public Overridable Sub Update ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> Record As Byte(), _
    <InAttribute> RecordSize As Integer, _
    <InAttribute> fUpdateKey As Integer _
)
```

C#

```
[DispIdAttribute(17)]
public virtual void Update (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] Record,
    [InAttribute] int RecordSize,
    [InAttribute] int fUpdateKey
)
```

C++

```
[DispIdAttribute(17)]
public:
virtual void Update (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ Record,
    [InAttribute] int RecordSize,
    [InAttribute] int fUpdateKey
)
```

J#

```
/** @attribute DispIdAttribute(17) */
public void Update (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] Record,
    /** @attribute InAttribute() */ int RecordSize,
    /** @attribute InAttribute() */ int fUpdateKey
)
```

JScript

```
DispIdAttribute(17)
public function Update (
    lFileId : int,
    Record : byte[],
    RecordSize : int,
    fUpdateKey : int
)
```

## Parameters

lFileId

The file id.

Record

The record.

RecordSize

The size of the record.

fUpdateKey

The update key.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[AccessDDMObjClass Class](#)

[AccessDDMObjClass Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# DataCursorAccessMethods Enumeration

Represents the data cursor access methods.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

```
C#  
  
[FlagsAttribute]  
public enum DataCursorAccessMethods
```

```
C++  
  
[FlagsAttribute]  
public enum class DataCursorAccessMethods
```

```
F#  
  
[<FlagsAttribute>]  
type DataCursorAccessMethods
```

```
VB  
  
<FlagsAttribute>  
Public Enumeration DataCursorAccessMethods
```

Members

Member name	Description
ByteStreamAccess	Byte stream access.
CombinedAccess	Combined access.
CombinedKeyAccess	Combined key access.
CombinedRecordNumberAccess	Combined record number access.
DirectoryAccess	Directory access.
None	None.
RandomKeyAccess	Random key access.
RandomRecordNumberAccess	Random record number access.
RelativeKeyAccess	Relative key access.
RelativeRecordNumberAccess	Relative record number access.
StreamAccess	Stream access.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DataCursorFlags Enumeration

Represents the data cursor flags.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax  
C#

```
[FlagsAttribute]  
public enum DataCursorFlags
```

C++

```
[FlagsAttribute]  
public enum class DataCursorFlags
```

F#

```
[<FlagsAttribute>]  
type DataCursorFlags
```

VB

```
<FlagsAttribute>  
Public Enumeration DataCursorFlags
```

Members

Member name	Description
<b>AllowsDuplicateKeys</b>	
<b>CanDelete</b>	Can delegate.
<b>CanInsert</b>	Can insert.
<b>CanRead</b>	Can read.
<b>CanUpdate</b>	Can update.
<b>None</b>	None.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

# DataCursorOpenMode Enumeration

Represents the data cursor open modes.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax  
C#

```
public enum DataCursorOpenMode
```

C++

```
public enum class DataCursorOpenMode
```

F#

```
type DataCursorOpenMode
```

VB

```
Public Enumeration DataCursorOpenMode
```

Members

Member name	Description
ReadOnly	Read-only.
ReadWrite	Read/write.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

# DataCursorShareFlags Enumeration

Displays the share flags.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax  
C#

```
[FlagsAttribute]  
public enum DataCursorShareFlags
```

C++

```
[FlagsAttribute]  
public enum class DataCursorShareFlags
```

F#

```
[<FlagsAttribute>]  
type DataCursorShareFlags
```

VB

```
<FlagsAttribute>  
Public Enumeration DataCursorShareFlags
```

Members

Member name	Description
None	None.
ShareRead	Share read.
ShareWrite	Share write.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)  
[Return to top](#)

# DataCursorState Enumeration

Displays the data cursor state.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax  
C#

```
public enum DataCursorState
```

C++

```
public enum class DataCursorState
```

F#

```
type DataCursorState
```

VB

```
Public Enumeration DataCursorState
```

Members

Member name	Description
<b>Bof</b>	Beginning of file.
<b>Closed</b>	Closed.
<b>Eof</b>	End of file.
<b>Opened</b>	Opened.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DataRecordAccessFlags Enumeration

Specifies the data record access flags.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

```
C#  
  
[FlagsAttribute]  
public enum DataRecordAccessFlags
```

```
C++  
  
[FlagsAttribute]  
public enum class DataRecordAccessFlags
```

```
F#  
  
[<FlagsAttribute>]  
type DataRecordAccessFlags
```

```
VB  
  
<FlagsAttribute>  
Public Enumeration DataRecordAccessFlags
```

Members

Member name	Description
BypassInactive	The flag is bypass inactive.
None	
Read	The flag is read.
Write	The flag is write.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DataRecordState Enumeration

Specifies the data record state.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum DataRecordState
```

C++

```
public enum class DataRecordState
```

F#

```
type DataRecordState
```

VB

```
Public Enumeration DataRecordState
```

Members

Member name	Description
<b>None</b>	The state is none.
<b>PendingAdd</b>	The state is pending add.
<b>PendingDelete</b>	The state is pending delete.
<b>PendingUpdate</b>	The state is pending update.
<b>Unchanged</b>	The state is unchanged.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DataRecordStatusFlags Enumeration

Specifies the data record status flags.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

```
C#  
  
[FlagsAttribute]  
public enum DataRecordStatusFlags
```

```
C++  
  
[FlagsAttribute]  
public enum class DataRecordStatusFlags
```

```
F#  
  
[<FlagsAttribute>]  
type DataRecordStatusFlags
```

```
VB  
  
<FlagsAttribute>  
Public Enumeration DataRecordStatusFlags
```

Members

Member name	Description
Active	The flag is active.
Cached	The flag is cached.
Locked	The flag is locked.
None	The flag is none.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DataRecordVersion Enumeration

Specifies the data record version.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum DataRecordVersion
```

C++

```
public enum class DataRecordVersion
```

F#

```
type DataRecordVersion
```

VB

```
Public Enumeration DataRecordVersion
```

Members

Member name	Description
<b>Current</b>	The version is current.
<b>Original</b>	The version is original.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# DDMFileOptions Enumeration

Specifies the Discovery Data Manager (DDM) file options.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

```
C#  
  
[FlagsAttribute]  
public enum DDMFileOptions
```

C++

```
[FlagsAttribute]  
public enum class DDMFileOptions
```

F#

```
[<FlagsAttribute>]  
type DDMFileOptions
```

VB

```
<FlagsAttribute>  
Public Enumeration DDMFileOptions
```

Members

Member name	Description
OPT_ACCMTHLS	The option is OPT_ACCMTHLS.
OPT_ALTINDLS	The option is OPT_ALTINDLS.
OPT_BASFILNM	The option is OPT_BASFILNM.
OPT_CCSID	The option is OPT_CCSID.
OPT_CHKIN	The option is OPT_CHKIN.
OPT_CHKOUT	The option is OPT_CHKOUT.
OPT_DELCP	The option is OPT_DELCP.
OPT_DFTREC	The option is OPT_DFTREC.
OPT_DRCNAM	The option is OPT_DRCNAM.
OPT_DTACLSNM	The option is OPT_DTACLSNM.
OPT_DTAFMT	The option is OPT_DTAFMT.
OPT_EOFNBR	The option is OPT_EOFNBR.
OPT_EOFOFF	The option is OPT_EOFOFF.
OPT_FILBYTCN	The option is OPT_FILBYTCN.
OPT_FILCHGDT	The option is OPT_FILCHGDT.
OPT_FILCHGFL	The option is OPT_FILCHGFL.

<b>OPT_FILCLS</b>	The option is OPT_FILCLS.
<b>OPT_FILCRTDT</b>	The option is OPT_FILCRTDT.
<b>OPT_FILEXNCN</b>	The option is OPT_FILEXNCN.
<b>OPT_FILEXNSZ</b>	The option is OPT_FILEXNSZ.
<b>OPT_FILEXPDT</b>	The option is OPT_FILEXPDT.
<b>OPT_FILHDD</b>	The option is OPT_FILHDD.
<b>OPT_FILINISZ</b>	The option is OPT_FILINISZ.
<b>OPT_FILMAXEX</b>	The option is OPT_FILMAXEX.
<b>OPT_FILNAM</b>	The option is OPT_FILNAM.
<b>OPT_FILOPNLO</b>	The option is OPT_FILOPNLO.
<b>OPT_FILPRT</b>	The option is OPT_FILPRT.
<b>OPT_FILSIZ</b>	The option is OPT_FILSIZ.
<b>OPT_FILSYS</b>	The option is OPT_FILSYS.
<b>OPT_GETCP</b>	The option is OPT_GETCP.
<b>OPT_INSCP</b>	The option is OPT_INSCP.
<b>OPT_KEYDEF</b>	The option is OPT_KEYDEF.
<b>OPT_KEYDUPCP</b>	The option is OPT_KEYDUPCP.
<b>OPT_LSTACCDT</b>	The option is OPT_LSTACCDT.
<b>OPT_LSTARCDT</b>	The option is OPT_LSTARCDT.
<b>OPT_MAXARNB</b>	The option is OPT_MAXARNB.
<b>OPT_MGMCLSNM</b>	The option is OPT_MGMCLSNM.
<b>OPT_MODCP</b>	The option is OPT_MODCP.
<b>OPT_READ_ONLY</b>	The option is OPT_READ_ONLY.
<b>OPT_RECLEN</b>	The option is OPT_RECLEN.
<b>OPT_RECLENCL</b>	The option is OPT_RECLENCL.
<b>OPT_RTNCLS</b>	The option is OPT_RTNCLS.
<b>OPT_SHDEXS</b>	The option is OPT_SHDEXS.
<b>OPT_SHR_EXCLUSIVE</b>	The option is OPT_SHR_EXCLUSIVE.
<b>OPT_SHR_READERS</b>	The option is OPT_SHR_READERS.
<b>OPT_SHR_WRITERS</b>	The option is OPT_SHR_WRITERS.
<b>OPT_STGCLSNM</b>	The option is OPT_STGCLSNM.
<b>OPT_STRSIZ</b>	The option is OPT_STRSIZ.
<b>OPT_TITLE</b>	The option is OPT_TITLE.

<b>OPT_USRATTCNT</b>	The option is OPT_USRATTCNT.
<b>OPT_USRATTSIZ</b>	The option is OPT_USRATTSIZ.
<b>OPT_USRREQCNT</b>	The option is OPT_USRREQCNT.
<b>OPT_VRSNBR</b>	The option is OPT_VRSNBR.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostCursor Class

Represents the implementation of the IDataCursor interface for host files.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.MsHostFileClient.HostCursor**

Syntax

C#

```
public class HostCursor : IDataCursor
```

C++

```
public ref class HostCursor : IDataCursor
```

F#

```
type HostCursor =  
    class  
        interface IDataCursor  
    end
```










VB

```
Public Class HostCursor  
    Implements IDataCursor
```


Constructors


















	Name	Description
	<a href="#">HostCursor()</a>	Initializes a new instance of the <b>HostCursor</b> class.





Properties

	Name	Description
	<a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
	<a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
	<a href="#">CursorState</a>	Gets the cursor state.
	<a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
	<a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
	<a href="#">Position</a>	Gets the current position of the cursor.
	<a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
	<a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
	<a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.

Methods

	Name	Description
	<a href="#">Close()</a>	Closes the record that the cursor is currently pointing to.

 <code>Delete()</code>	Deletes the record that the cursor is currently pointing to.
 <code>Equals(Object)</code>	(Inherited from <a href="#">Object</a> .)
 <code>FilterByKey(Object, Boolean, Object, Boolean, Boolean, Int32)</code>	
 <code>FilterByPosition(Int32, Boolean, Int32, Boolean, Boolean)</code>	Filters by position.
 <code>Finalize()</code>	(Inherited from <a href="#">Object</a> .)
 <code>GetHashCode()</code>	(Inherited from <a href="#">Object</a> .)
 <code>GetRecord()</code>	Retrieves the record.
 <code>GetType()</code>	(Inherited from <a href="#">Object</a> .)
 <code>Insert(Object)</code>	Inserts the specified record at the current cursor location.
 <code>LockRecord()</code>	Locks the record located at the current cursor location.
 <code>MemberwiseClone()</code>	(Inherited from <a href="#">Object</a> .)
 <code>MoveBottom()</code>	Moves the cursor to the bottom of the record.
 <code>MoveFirst(DataRecordAccessFlags)</code>	Moves the cursor to the first record using the specified access flags.
 <code>MoveLast(DataRecordAccessFlags)</code>	Moves the cursor to the last record using the specified access flags.
 <code>MoveNext(DataRecordAccessFlags)</code>	Moves the cursor to the next record using the specified access flags.
 <code>MovePrev(DataRecordAccessFlags)</code>	Moves the cursor to the previous record using the specified access flags.
 <code>MoveTo(Int32, DataRecordAccessFlags)</code>	Moves the cursor to a record using the specified position and access flags.
 <code>MoveTop()</code>	Moves the cursor to the top of the record.

 <a href="#">Open(HostDataConnection, String, DataCursorOpenMode, DataCursorShareFlags, IRecordConverter)</a>	Opens the record that the cursor is currently pointing to.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">UnlockRecord()</a>	Unlocks the record the cursor is currently pointing to.
 <a href="#">Update(Object)</a>	Updates the record the cursor is currently pointing to.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostCursor Members

Represents the implementation of the [IDataCursor](#) interface for host files.










The following tables list the members exposed by the [HostCursor](#) type.

## Public Constructors

Name	Description
<a href="#">HostCursor</a>	Initializes a new instance of the <a href="#">HostCursor</a> class.







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## Public Properties

Name	Description
 <a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
 <a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
 <a href="#">CursorState</a>	Gets the cursor state.
 <a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
 <a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
 <a href="#">Position</a>	Gets the current position of the cursor.
 <a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
 <a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
 <a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Close</a>	Closes the record that the cursor is currently pointing to.
 <a href="#">Delete</a>	Deletes the record that the cursor is currently pointing to.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">FilterByKey</a>	Filters by key.
 <a href="#">FilterByPosition</a>	Filters by position.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetRecord</a>	Retrieves the record.
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Insert</a>	Inserts the specified record at the current cursor location.
 <a href="#">LockRecord</a>	Locks the record located at the current cursor location.
 <a href="#">MoveBottom</a>	Moves the cursor to the bottom of the record.
 <a href="#">MoveFirst</a>	Moves the cursor to the first record using the specified access flags.
 <a href="#">MoveLast</a>	Moves the cursor to the last record using the specified access flags.
 <a href="#">MoveNext</a>	Moves the cursor to the next record using the specified access flags.
 <a href="#">MovePrev</a>	Moves the cursor to the previous record using the specified access flags.
 <a href="#">MoveTo</a>	Moves the cursor to a record using the specified position and access flags.
 <a href="#">MoveTop</a>	Moves the cursor to the top of the record.
 <a href="#">Open</a>	Opens the record that the cursor is currently pointing to.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 <a href="#">UnlockRecord</a>	Unlocks the record the cursor is currently pointing to.
 <a href="#">Update</a>	Updates the record the cursor is currently pointing to.

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[HostCursor Class](#)





# HostCursor Constructor

Initializes a new instance of the [HostCursor](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostCursor ()
```

C++

```
public:  
HostCursor ()
```

J#

```
public HostCursor ()
```

JScript

```
public function HostCursor ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Close</a>	Closes the record that the cursor is currently pointing to.
	<a href="#">Delete</a>	Deletes the record that the cursor is currently pointing to.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">FilterByKey</a>	Filters by key.
	<a href="#">FilterByPosition</a>	Filters by position.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetRecord</a>	Retrieves the record.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Insert</a>	Inserts the specified record at the current cursor location.
	<a href="#">LockRecord</a>	Locks the record located at the current cursor location.
	<a href="#">MoveBottom</a>	Moves the cursor to the bottom of the record.
	<a href="#">MoveFirst</a>	Moves the cursor to the first record using the specified access flags.
	<a href="#">MoveLast</a>	Moves the cursor to the last record using the specified access flags.
	<a href="#">MoveNext</a>	Moves the cursor to the next record using the specified access flags.
	<a href="#">MovePrev</a>	Moves the cursor to the previous record using the specified access flags.
	<a href="#">MoveTo</a>	Moves the cursor to a record using the specified position and access flags.
	<a href="#">MoveTop</a>	Moves the cursor to the top of the record.
	<a href="#">Open</a>	Opens the record that the cursor is currently pointing to.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">UnlockRecord</a>	Unlocks the record the cursor is currently pointing to.
	<a href="#">Update</a>	Updates the record the cursor is currently pointing to.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HostCursor Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Close Method

Closes the record that the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Close
```

C#

```
public void Close ()
```

C++

```
public:  
virtual void Close () sealed
```

J#

```
public final void Close ()
```

JScript

```
public final function Close ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Delete Method

Deletes the record that the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Delete
```

C#

```
public void Delete ()
```

C++

```
public:  
virtual void Delete () sealed
```

J#

```
public final void Delete ()
```

JScript

```
public final function Delete ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.FilterByKey Method

Filters by key.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub FilterByKey ( _
    KeyLow As Object, _
    KeyLowInclusive As Boolean, _
    KeyHigh As Object, _
    KeyHighInclusive As Boolean, _
    ResetTop As Boolean _
)
```

C#

```
public void FilterByKey (
    Object KeyLow,
    bool KeyLowInclusive,
    Object KeyHigh,
    bool KeyHighInclusive,
    bool ResetTop
)
```

C++

```
public:
virtual void FilterByKey (
    Object^ KeyLow,
    bool KeyLowInclusive,
    Object^ KeyHigh,
    bool KeyHighInclusive,
    bool ResetTop
) sealed
```

J#

```
public final void FilterByKey (
    Object KeyLow,
    boolean KeyLowInclusive,
    Object KeyHigh,
    boolean KeyHighInclusive,
    boolean ResetTop
)
```

JScript

```
public final function FilterByKey (
    KeyLow : Object,
    KeyLowInclusive : boolean,
    KeyHigh : Object,
    KeyHighInclusive : boolean,
    ResetTop : boolean
)
```

## Parameters

KeyLow

The low key.

KeyLowInclusive

**true** if the low key is inclusive; otherwise, **false**.

KeyHigh

The high key.

KeyHighInclusive

**true** if the high key is inclusive; otherwise, **false**.

ResetTop

**true** to reset to the top when finished; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.FilterByPosition Method

Filters by position.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub FilterByPosition ( _
    LowPos As Integer, _
    KeyLowInclusive As Boolean, _
    HighPos As Integer, _
    KeyHighInclusive As Boolean, _
    ResetTop As Boolean _
)
```

C#

```
public void FilterByPosition (
    int LowPos,
    bool KeyLowInclusive,
    int HighPos,
    bool KeyHighInclusive,
    bool ResetTop
)
```

C++

```
public:
virtual void FilterByPosition (
    int LowPos,
    bool KeyLowInclusive,
    int HighPos,
    bool KeyHighInclusive,
    bool ResetTop
) sealed
```

J#

```
public final void FilterByPosition (
    int LowPos,
    boolean KeyLowInclusive,
    int HighPos,
    boolean KeyHighInclusive,
    boolean ResetTop
)
```

JScript

```
public final function FilterByPosition (
    LowPos : int,
    KeyLowInclusive : boolean,
    HighPos : int,
    KeyHighInclusive : boolean,
    ResetTop : boolean
)
```

## Parameters

LowPos

The low position.

KeyLowInclusive

**true** to filter by the low key; otherwise, **false**.

HighPos

The high position.

KeyHighInclusive

**true** to filter by the high key; otherwise, **false**.

ResetTop

**true** to reset to the top when finished; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostCursor.GetRecord Method

Retrieves the record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function GetRecord As Object
```

C#

```
public Object GetRecord ()
```

C++

```
public:  
virtual Object^ GetRecord () sealed
```

J#

```
public final Object GetRecord ()
```

JScript

```
public final function GetRecord () : Object
```

## Return Value

The record.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Insert Method

Inserts the specified record at the current cursor location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Insert ( _
    Record As Object _
)
```

C#

```
public void Insert (
    Object Record
)
```

C++

```
public:
virtual void Insert (
    Object^ Record
) sealed
```

J#

```
public final void Insert (
    Object Record
)
```

JScript

```
public final function Insert (
    Record : Object
)
```

## Parameters

Record

The record to insert.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.LockRecord Method

Locks the record located at the current cursor location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub LockRecord
```

C#

```
public void LockRecord ()
```

C++

```
public:  
virtual void LockRecord () sealed
```

J#

```
public final void LockRecord ()
```

JScript

```
public final function LockRecord ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MoveBottom Method

Moves the cursor to the bottom of the record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveBottom
```

C#

```
public void MoveBottom ()
```

C++

```
public:
virtual void MoveBottom () sealed
```

J#

```
public final void MoveBottom ()
```

JScript

```
public final function MoveBottom ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MoveFirst Method

Moves the cursor to the first record using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveFirst ( _
    AccessFlags As DataRecordAccessFlags _
)
```

C#

```
public void MoveFirst (
    DataRecordAccessFlags AccessFlags
)
```

C++

```
public:
virtual void MoveFirst (
    DataRecordAccessFlags AccessFlags
) sealed
```

J#

```
public final void MoveFirst (
    DataRecordAccessFlags AccessFlags
)
```

JScript

```
public final function MoveFirst (
    AccessFlags : DataRecordAccessFlags
)
```

## Parameters

AccessFlags

The access flags for the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MoveLast Method

Moves the cursor to the last record using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveLast ( _
    AccessFlags As DataRecordAccessFlags _
)
```

C#

```
public void MoveLast (
    DataRecordAccessFlags AccessFlags
)
```

C++

```
public:
virtual void MoveLast (
    DataRecordAccessFlags AccessFlags
) sealed
```

J#

```
public final void MoveLast (
    DataRecordAccessFlags AccessFlags
)
```

JScript

```
public final function MoveLast (
    AccessFlags : DataRecordAccessFlags
)
```

## Parameters

AccessFlags

The access flags for the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MoveNext Method

Moves the cursor to the next record using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveNext ( _
    AccessFlags As DataRecordAccessFlags _
) As Boolean
```

C#

```
public bool MoveNext (
    DataRecordAccessFlags AccessFlags
)
```

C++

```
public:
virtual bool MoveNext (
    DataRecordAccessFlags AccessFlags
) sealed
```

J#

```
public final boolean MoveNext (
    DataRecordAccessFlags AccessFlags
)
```

JScript

```
public final function MoveNext (
    AccessFlags : DataRecordAccessFlags
) : boolean
```

## Parameters

AccessFlags

The access flags for the next file.

## Return Value

**true** if the cursor successfully advanced to the next record; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MovePrev Method

Moves the cursor to the previous record using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MovePrev ( _
    AccessFlags As DataRecordAccessFlags _
) As Boolean
```

C#

```
public bool MovePrev (
    DataRecordAccessFlags AccessFlags
)
```

C++

```
public:
virtual bool MovePrev (
    DataRecordAccessFlags AccessFlags
) sealed
```

J#

```
public final boolean MovePrev (
    DataRecordAccessFlags AccessFlags
)
```

JScript

```
public final function MovePrev (
    AccessFlags : DataRecordAccessFlags
) : boolean
```

## Parameters

AccessFlags

The access flags for the file.

## Return Value

**true** if the cursor successfully moved to the previous record; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostCursor.MoveTo Method

Moves the cursor to a record using the specified position and access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveTo ( _
    Position As Integer, _
    AccessFlags As DataRecordAccessFlags _
)
```

C#

```
public void MoveTo (
    int Position,
    DataRecordAccessFlags AccessFlags
)
```

C++

```
public:
virtual void MoveTo (
    int Position,
    DataRecordAccessFlags AccessFlags
) sealed
```

J#

```
public final void MoveTo (
    int Position,
    DataRecordAccessFlags AccessFlags
)
```

JScript

```
public final function MoveTo (
    Position : int,
    AccessFlags : DataRecordAccessFlags
)
```

## Parameters

Position

The position of the record.

AccessFlags

The access flags necessary to access the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)



# HostCursor.MoveTop Method

Moves the cursor to the top of the record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub MoveTop
```

C#

```
public void MoveTop ()
```

C++

```
public:  
virtual void MoveTop () sealed
```

J#

```
public final void MoveTop ()
```

JScript

```
public final function MoveTop ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Open Method

Opens the record that the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Open ( _
    Connection As HostDataConnection, _
    FileName As String, _
    Mode As DataCursorOpenMode, _
    Share As DataCursorShareFlags, _
    Converter As IRecordConverter _
)
```

C#

```
public void Open (
    HostDataConnection Connection,
    string FileName,
    DataCursorOpenMode Mode,
    DataCursorShareFlags Share,
    IRecordConverter Converter
)
```

C++

```
public:
void Open (
    HostDataConnection^ Connection,
    String^ FileName,
    DataCursorOpenMode Mode,
    DataCursorShareFlags Share,
    IRecordConverter^ Converter
)
```

J#

```
public void Open (
    HostDataConnection Connection,
    String FileName,
    DataCursorOpenMode Mode,
    DataCursorShareFlags Share,
    IRecordConverter Converter
)
```

JScript

```
public function Open (
    Connection : HostDataConnection,
    FileName : String,
    Mode : DataCursorOpenMode,
    Share : DataCursorShareFlags,
    Converter : IRecordConverter
)
```

## Parameters

Connection

The connection to the host.

FileName

The name of the file to open.

Mode

The mode to open the record.

Share

The specified share flags.

Converter

The converter of the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.UnlockRecord Method

Unlocks the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub UnlockRecord
```

C#

```
public void UnlockRecord ()
```

C++

```
public:
virtual void UnlockRecord () sealed
```

J#

```
public final void UnlockRecord ()
```

JScript

```
public final function UnlockRecord ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Update Method

Updates the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Update ( _
    Record As Object _
)
```

C#

```
public void Update (
    Object Record
)
```

C++

```
public:
virtual void Update (
    Object^ Record
) sealed
```

J#

```
public final void Update (
    Object Record
)
```

JScript

```
public final function Update (
    Record : Object
)
```

## Parameters

Record

The information with which to update the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference










[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor Properties

## Public Properties

	Name	Description
	<a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
	<a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
	<a href="#">CursorState</a>	Gets the cursor state.
	<a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
	<a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
	<a href="#">Position</a>	Gets the current position of the cursor.
	<a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
	<a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
	<a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.

See Also

### Reference

[HostCursor Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostCursor.AccessMethods Property

Gets the access methods for the current cursor.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property AccessMethods As DataCursorAccessMethods
```

C#

```
public DataCursorAccessMethods AccessMethods { get; }
```

C++

```
public:
virtual property DataCursorAccessMethods AccessMethods {
    DataCursorAccessMethods get () sealed;
}
```

J#

```
/** @property */
public final DataCursorAccessMethods get_AccessMethods ()
```

JScript

```
public final function get AccessMethods () : DataCursorAccessMethods
```

## Property Value

The access methods for the current cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.CursorFlags Property

Gets the settings for the current cursor flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property CursorFlags As DataCursorFlags
```

C#

```
public DataCursorFlags CursorFlags { get; }
```

C++

```
public:
virtual property DataCursorFlags CursorFlags {
    DataCursorFlags get () sealed;
}
```

J#

```
/** @property */
public final DataCursorFlags get_CursorFlags ()
```

JScript

```
public final function get CursorFlags () : DataCursorFlags
```

## Property Value

The current settings for the cursor flags.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.CursorState Property

Gets the cursor state.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property CursorState As DataCursorState
```

C#

```
public DataCursorState CursorState { get; }
```

C++

```
public:
virtual property DataCursorState CursorState {
    DataCursorState get () sealed;
}
```

J#

```
/** @property */
public final DataCursorState get_CursorState ()
```

JScript

```
public final function get CursorState () : DataCursorState
```

## Property Value

The state of the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.FileName Property

Gets the file name of the file the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property FileName As String
```

C#

```
public string FileName { get; }
```

C++

```
public:
virtual property String^ FileName {
    String^ get () sealed;
}
```

J#

```
/** @property */
public final String get_FileName ()
```

JScript

```
public final function get FileName () : String
```

## Property Value

The name of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.MaxRecordLength Property

Gets the maximum record length of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property MaxRecordLength As Integer
```

C#

```
public int MaxRecordLength { get; }
```

C++

```
public:
virtual property int MaxRecordLength {
    int get () sealed;
}
```

J#

```
/** @property */
public final int get_MaxRecordLength ()
```

JScript

```
public final function get MaxRecordLength () : int
```

## Property Value

The maximum record length.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.Position Property

Gets the current position of the cursor.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Position As Integer
```

C#

```
public int Position { get; }
```

C++

```
public:  
virtual property int Position {  
    int get () sealed;  
}
```

J#

```
/** @property */  
public final int get_Position ()
```

JScript

```
public final function get Position () : int
```

## Property Value

The position of the cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.RecordsCount Property

Gets the records count of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property RecordsCount As Integer
```

C#

```
public int RecordsCount { get; }
```

C++

```
public:
virtual property int RecordsCount {
    int get () sealed;
}
```

J#

```
/** @property */
public final int get_RecordsCount ()
```

JScript

```
public final function get RecordsCount () : int
```

## Property Value

The records count.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostCursor.RecordStatusFlags Property

Gets or sets the record status flag of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property RecordStatusFlags As DataRecordStatusFlags
```

C#

```
public DataRecordStatusFlags RecordStatusFlags { get; }
```

C++

```
public:
virtual property DataRecordStatusFlags RecordStatusFlags {
    DataRecordStatusFlags get () sealed;
}
```

J#

```
/** @property */
public final DataRecordStatusFlags get_RecordStatusFlags ()
```

JScript

```
public final function get RecordStatusFlags () : DataRecordStatusFlags
```

## Property Value

The record status flag.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostCursor.RecordType Property

Gets the record type of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property RecordType As Type
```

C#

```
public Type RecordType { get; }
```

C++

```
public:
virtual property Type^ RecordType {
    Type^ get () sealed;
}
```

J#

```
/** @property */
public final Type get_RecordType ()
```

JScript

```
public final function get RecordType () : Type
```

## Property Value

The record type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostCursor Class](#)

[HostCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection Class

Represents a physical connection to the host file system.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.MsHostFileClient.HostDataConnection**

Syntax

C#

```
public class HostDataConnection : IDataConnection, IRecordConverterFactory
```

C++

```
public ref class HostDataConnection : IDataConnection, IRecordConverterFactory
```



F#

```
type HostDataConnection =  
    class  
        interface IDataConnection  
        interface IRecordConverterFactory  
    end
```




VB

```
Public Class HostDataConnection  
    Implements IDataConnection, IRecordConverterFactory
```












Constructors




	Name	Description
	<a href="#">HostDataConnection(HostFileConnectionStringBuilder, RuntimeCallContext)</a>	
	<a href="#">HostDataConnection(RuntimeCallContext)</a>	

Properties

	Name	Description
	<a href="#">ConverterFactory</a>	
	<a href="#">IsOpened</a>	
	<a href="#">RuntimeCallContext</a>	

Methods

	Name	Description
	<a href="#">ClearFile(String)</a>	
	<a href="#">Close()</a>	
	<a href="#">Connect(String)</a>	
	<a href="#">CreateConverter(Type)</a>	
	<a href="#">CreateConverter2(Int16, Type)</a>	
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ExecuteCommand(String)</a>	
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetServerInfo(Int16, Int16, Int16, Int16)</a>	
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)

 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">OpenCursor(String, DataCursorOpenMode, DataCursorShareFlags, Type, Boolean)</a>	
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

# HostDataConnection Members

Represents a physical connection to the host file system.





The following tables list the members exposed by the [HostDataConnection](#) type.

Public Constructors

Name	Description
<a href="#">HostDataConnection</a>	















[Top](#)

Public Properties

Name	Description
 <a href="#">ConverterFactory</a>	
 <a href="#">Id</a>	
 <a href="#">IsBusy</a>	
 <a href="#">IsOpened</a>	



[Top](#)

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ClearFile</a>	
	<a href="#">Close</a>	
	<a href="#">Connect</a>	
	<a href="#">CreateConverter</a>	
	<a href="#">CreateConverter2</a>	
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteCommand</a>	
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetServerInfo</a>	
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OpenCursor</a>	
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

[Top](#)

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

Reference

[HostDataConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection Constructor

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionProperties As HostFileConnectionStringBuilder _
)
```

C#

```
public HostDataConnection (
    HostFileConnectionStringBuilder connectionProperties
)
```

C++

```
public:
    HostDataConnection (
        HostFileConnectionStringBuilder^ connectionProperties
    )
```

J#

```
public HostDataConnection (
    HostFileConnectionStringBuilder connectionProperties
)
```

JScript

```
public function HostDataConnection (
    connectionProperties : HostFileConnectionStringBuilder
)
```

## Parameters

connectionProperties

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[HostDataConnection Class](#)

[HostDataConnection Members](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ClearFile</a>	
	<a href="#">Close</a>	
	<a href="#">Connect</a>	
	<a href="#">CreateConverter</a>	
	<a href="#">CreateConverter2</a>	
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteCommand</a>	
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetServerInfo</a>	
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OpenCursor</a>	
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [HostDataConnection Class](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.ClearFile Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ClearFile ( _
    FileName As String _
)
```

C#

```
public void ClearFile (
    string FileName
)
```

C++

```
public:
virtual void ClearFile (
    String^ FileName
) sealed
```

J#

```
public final void ClearFile (
    String FileName
)
```

JScript

```
public final function ClearFile (
    FileName : String
)
```

## Parameters

FileName

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.Close Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Close
```

C#

```
public void Close ()
```

C++

```
public:  
virtual void Close () sealed
```

J#

```
public final void Close ()
```

JScript

```
public final function Close ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostDataConnection.Connect Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connectionString As String _
)
```

C#

```
public void Connect (
    string connectionString
)
```

C++

```
public:
virtual void Connect (
    String^ connectionString
) sealed
```

J#

```
public final void Connect (
    String connectionString
)
```

JScript

```
public final function Connect (
    connectionString : String
)
```

## Parameters

ConnectionString

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.CreateConverter Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function CreateConverter ( _
    recordType As Type _
) As IRecordConverter
```

C#

```
public IRecordConverter CreateConverter (
    Type recordType
)
```

C++

```
public:
virtual IRecordConverter^ CreateConverter (
    Type^ recordType
) sealed
```

J#

```
public final IRecordConverter CreateConverter (
    Type recordType
)
```

JScript

```
public final function CreateConverter (
    recordType : Type
) : IRecordConverter
```

## Parameters

recordType

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.CreateConverter2 Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function CreateConverter2 ( _
    ccsid As Short, _
    recordType As Type _
) As IRecordConverter
```

C#

```
public IRecordConverter CreateConverter2 (
    short ccsid,
    Type recordType
)
```

C++

```
public:
virtual IRecordConverter^ CreateConverter2 (
    short ccsid,
    Type^ recordType
) sealed
```

J#

```
public final IRecordConverter CreateConverter2 (
    short ccsid,
    Type recordType
)
```

JScript

```
public final function CreateConverter2 (
    ccsid : short,
    recordType : Type
) : IRecordConverter
```

## Parameters

ccsid

recordType

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.ExecuteCommand Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ExecuteCommand ( _
    Command As String _
) As String
```

C#

```
public string ExecuteCommand (
    string Command
)
```

C++

```
public:
virtual String^ ExecuteCommand (
    String^ Command
) sealed
```

J#

```
public final String ExecuteCommand (
    String Command
)
```

JScript

```
public final function ExecuteCommand (
    Command : String
) : String
```

## Parameters

Command

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.GetServerInfo Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub GetServerInfo ( _
    <OutAttribute> ByRef ServerClass As Short, _
    <OutAttribute> ByRef Version As Short, _
    <OutAttribute> ByRef SubVersion As Short, _
    <OutAttribute> ByRef Modification As Short _
)
```

C#

```
public void GetServerInfo (
    out short ServerClass,
    out short Version,
    out short SubVersion,
    out short Modification
)
```

C++

```
public:
virtual void GetServerInfo (
    [OutAttribute] short% ServerClass,
    [OutAttribute] short% Version,
    [OutAttribute] short% SubVersion,
    [OutAttribute] short% Modification
) sealed
```

J#

```
public final void GetServerInfo (
    /** @attribute OutAttribute() */ /** @ref */ short ServerClass,
    /** @attribute OutAttribute() */ /** @ref */ short Version,
    /** @attribute OutAttribute() */ /** @ref */ short SubVersion,
    /** @attribute OutAttribute() */ /** @ref */ short Modification
)
```

JScript

## Parameters

ServerClass

Version

SubVersion

Modification

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.OpenCursor Method

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function OpenCursor ( _
    FileName As String, _
    OpenMode As DataCursorOpenMode, _
    Share As DataCursorShareFlags, _
    Type As Type, _
    IsDefaultType As Boolean _
) As IDataCursor
```

C#

```
public IDataCursor OpenCursor (
    string FileName,
    DataCursorOpenMode OpenMode,
    DataCursorShareFlags Share,
    Type Type,
    bool IsDefaultType
)
```

C++

```
public:
virtual IDataCursor^ OpenCursor (
    String^ FileName,
    DataCursorOpenMode OpenMode,
    DataCursorShareFlags Share,
    Type^ Type,
    bool IsDefaultType
) sealed
```

J#

```
public final IDataCursor OpenCursor (
    String FileName,
    DataCursorOpenMode OpenMode,
    DataCursorShareFlags Share,
    Type Type,
    boolean IsDefaultType
)
```

JScript

```
public final function OpenCursor (
    FileName : String,
    OpenMode : DataCursorOpenMode,
    Share : DataCursorShareFlags,
    Type : Type,
    IsDefaultType : boolean
) : IDataCursor
```

## Parameters

FileName

OpenMode

Share

Type

IsDefaultType

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)





[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostDataConnection Properties

Public Properties

	Name	Description
	<a href="#">ConverterFactory</a>	
	<a href="#">Id</a>	
	<a href="#">IsBusy</a>	
	<a href="#">IsOpened</a>	

See Also

Reference

[HostDataConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.ConverterFactory Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConverterFactory As IRecordConverterFactory
```

C#

```
public IRecordConverterFactory ConverterFactory { get; set; }
```

C++

```
public:
virtual property IRecordConverterFactory^ ConverterFactory {
    IRecordConverterFactory^ get () sealed;
    void set (IRecordConverterFactory^ value) sealed;
}
```

J#

```
/** @property */
public final IRecordConverterFactory get_ConverterFactory ()

/** @property */
public final void set_ConverterFactory (IRecordConverterFactory value)
```

JScript

```
public final function get ConverterFactory () : IRecordConverterFactory

public final function set ConverterFactory (value : IRecordConverterFactory)
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.Id Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Id As Short
```

C#

```
public short Id { get; }
```

C++

```
public:  
property short Id {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Id ()
```

JScript

```
public function get Id () : short
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.IsBusy Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsBusy As Boolean
```

C#

```
public bool IsBusy { get; }
```

C++

```
public:
virtual property bool IsBusy {
    bool get () sealed;
}
```

J#

```
/** @property */
public final boolean get_IsBusy ()
```

JScript

```
public final function get IsBusy () : boolean
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostDataConnection.IsOpened Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsOpened As Boolean
```

C#

```
public bool IsOpened { get; }
```

C++

```
public:
virtual property bool IsOpened {
    bool get () sealed;
}
```

J#

```
/** @property */
public final boolean get_IsOpened ()
```

JScript

```
public final function get IsOpened () : boolean
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostDataConnection Class](#)

[HostDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand Class

Represents a command to execute against the host file system.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.ComponentModel.Component](#)  
[System.Data.Common.DbCommand](#)  
**Microsoft.HostIntegration.MsHostFileClient.HostFileCommand**

Syntax  
C#

```
public sealed class HostFileCommand : DbCommand
```

C++

```
public ref class HostFileCommand sealed : DbCommand
```




F#

```
[<Sealed>]  
type HostFileCommand =  
    class  
        inherit DbCommand  
    end
```







VB





```
Public NotInheritable Class HostFileCommand  
    Inherits DbCommand
```

Constructors

	Name	Description
	<a href="#">HostFileCommand()</a>	Initializes a new instance of the <b>HostFileCommand</b> class.
	<a href="#">HostFileCommand(HostFileConnection)</a>	Initializes a new instance of the <b>HostFileCommand</b> class using the specified connection.
	<a href="#">HostFileCommand(String, HostFileConnection)</a>	Initializes a new instance of the <b>HostFileCommand</b> class using the specified command and connection.

Properties


	Name	Description
	<a href="#">CommandText</a>	Gets or sets the text command to run against the data source.(Overrides <a href="#">DbCommand.CommandText</a> .)
	<a href="#">CommandTimeout</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">CommandType</a>	Gets or sets how the CommandText property is interpreted.(Overrides <a href="#">DbCommand.CommandType</a> .)
	<a href="#">Connection</a>	Gets or sets the HostFileConnection used by the current instance.
	<a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">HostFileClientTracePoint</a>	

 <b>Parameters</b>	Gets the collection of HostFileParameter objects.
 <b>Site</b>	(Inherited from <a href="#">Component</a> .)
 <b>Transaction</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>UpdatedRowSource</b>	(Inherited from <a href="#">DbCommand</a> .)




#### Methods

<b>Name</b>	<b>Description</b>
 <b>Cancel()</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>CreateObjRef(Type)</b>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <b>CreateParameter()</b>	Creates a new instance of a <a href="#">HostFileParameter</a> object.
 <b>Dispose()</b>	(Inherited from <a href="#">Component</a> .)
 <b>Equals(Object)</b>	(Inherited from <a href="#">Object</a> .)
 <b>ExecuteNonQuery()</b>	Executes a SQL statement against a connection object.(Overrides <a href="#">DbCommand.ExecuteNonQuery()</a> .)
 <b>ExecuteNonQueryAsync()</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteNonQueryAsync(CancellationTok</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReader()</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReader(CommandBehavior)</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReaderAsync()</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReaderAsync(CancellationTok</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReaderAsync(CommandBehavior)</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteReaderAsync(CommandBehavior, CancellationTok</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteRecordSet()</b>	Executes a command on a recordset against the connection object.
 <b>ExecuteRecordSet(CommandBehavior, RecordSetType)</b>	Executes a command on a recordset against the connection object.
 <b>ExecuteScalar()</b>	Executes the query and returns the first column of the first row in the result set returned by the query. All other columns and rows are ignored.(Overrides <a href="#">DbCommand.ExecuteScalar()</a> .)
 <b>ExecuteScalarAsync()</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>ExecuteScalarAsync(CancellationTok</b>	(Inherited from <a href="#">DbCommand</a> .)
 <b>GetHashCode()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetLifetimeService()</b>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <b>GetType()</b>	(Inherited from <a href="#">Object</a> .)
 <b>InitializeLifetimeService()</b>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <b>Prepare()</b>	Creates a prepared (or compiled) version of the command on the data source.(Overrides <a href="#">DbCommand.Prepare()</a> .)
 <b>ToString()</b>	(Inherited from <a href="#">Component</a> .)

## Events

	Name	Description
	<a href="#">Disposed</a>	(Inherited from <a href="#">Component</a> .)

## Explicit Interface Implementations

	Name	Description
	<a href="#">IDbCommand.CreateParameter()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">IDbCommand.ExecuteReader()</a>	(Inherited from <a href="#">DbCommand</a> .)
	<a href="#">IDbCommand.ExecuteReader(CommandBehavior)</a>	(Inherited from <a href="#">DbCommand</a> .)

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostFileCommand Members

Represents a command to execute against the host file system.











The following tables list the members exposed by the [HostFileCommand](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileCommand</a>	Overloaded. Initializes a new instance of the <a href="#">HostFileCommand</a> class.







## Top

## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CommandText</a>	Overridden. Gets or sets the text command to run against the data source.
 <a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
 <a href="#">CommandType</a>	Overridden. Gets or sets how the CommandText property is interpreted.
 <a href="#">Connection</a>	Gets or sets the HostFileConnection used by the current instance.
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value that indicates whether the command object should be visible in a customized interface control.
 <a href="#">Parameters</a>	Gets the collection of HostFileParameter objects.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Transaction</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the Update method of the adapter.

















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## Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DbConnection</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DbParameterCollection</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DbTransaction</a>	(inherited from <a href="#">DbCommand</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )







## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Cancel</a>	Overridden. Attempts to cancel the execution of the current instance.
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">CreateParameter</a>	Creates a new instance of a <a href="#">HostFileParameter</a> object.
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">ExecuteNonQuery</a>	Overridden. Executes a SQL statement against a connection object.
 <a href="#">ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
 <a href="#">ExecuteRecordSet</a>	Overloaded. Executes a query on a recordset against the connection object.
 <a href="#">ExecuteScalar</a>	Overridden. Executes the query and returns the first column of the first row in the result set returned by the query. All other columns and rows are ignored.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Prepare</a>	Overridden. Creates a prepared (or compiled) version of the command on the data source.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Component</a> )


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#### Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

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#### Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

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#### Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

[Top](#)

See Also

#### Reference

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)




# HostFileCommand Constructor

Initializes a new instance of the [HostFileCommand](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">HostFileCommand()</a>	Initializes a new instance of the <a href="#">HostFileCommand</a> class.
 <a href="#">HostFileCommand(HostFileConnection)</a>	Initializes a new instance of the <a href="#">HostFileCommand</a> class using the specified connection.
 <a href="#">HostFileCommand(String, HostFileConnection)</a>	Initializes a new instance of the <a href="#">HostFileCommand</a> class using the specified command and connection.

See Also

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## HostFileCommand Constructor ()

Initializes a new instance of the [HostFileCommand](#) class.

Syntax

C#

```
public HostFileCommand()
```

C++

```
public:  
HostFileCommand()
```

F#

```
new : unit -> HostFileCommand
```

VB

```
Public Sub New
```

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## HostFileCommand Constructor (HostFileConnection)

Initializes a new instance of the [HostFileCommand](#) class using the specified connection.

Syntax

C#

```
public HostFileCommand(  
    HostFileConnection connection  
)
```

C++

```
public:  
HostFileCommand(  
    HostFileConnection^ connection  
)
```

F#

```
new :  
    connection:HostFileConnection -> HostFileCommand
```

VB

```
Public Sub New (  
    connection As HostFileConnection  
)
```

#### Parameters

*connection*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileConnection](#)

The connection to the host system.

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#### HostFileCommand Constructor (String, HostFileConnection)

Initializes a new instance of the [HostFileCommand](#) class using the specified command and connection.

Syntax

C#

```
public HostFileCommand(  
    string commandText,  
    HostFileConnection connection  
)
```

C++

```
public:  
HostFileCommand(  
    String^ commandText,  
    HostFileConnection^ connection  
)
```

F#

```
new :  
    commandText:string *  
    connection:HostFileConnection -> HostFileCommand
```

VB

```
Public Sub New (  
    commandText As String,  
    connection As HostFileConnection  
)
```

#### Parameters

*commandText*

Type: [System.String](#)

The command to pass to the host system.

*connection*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileConnection](#)

The connection used to access the host system.

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# HostFileCommand Constructor ()

Initializes a new instance of the [HostFileCommand](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileCommand ()
```

C++

```
public:  
HostFileCommand ()
```

J#

```
public HostFileCommand ()
```

JScript

```
public function HostFileCommand ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand Constructor (HostFileConnection)

Initializes a new instance of the [HostFileCommand](#) class using the specified connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connection As HostFileConnection _
)
```

C#

```
public HostFileCommand (
    HostFileConnection connection
)
```

C++

```
public:
HostFileCommand (
    HostFileConnection^ connection
)
```

J#

```
public HostFileCommand (
    HostFileConnection connection
)
```

JScript

```
public function HostFileCommand (
    connection : HostFileConnection
)
```

## Parameters

connection

The connection to the host system.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand Constructor (String, HostFileConnection)

Initializes a new instance of the [HostFileCommand](#) class using the specified command and connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    commandText As String, _
    connection As HostFileConnection _
)
```

C#

```
public HostFileCommand (
    string commandText,
    HostFileConnection connection
)
```

C++

```
public:
HostFileCommand (
    String^ commandText,
    HostFileConnection^ connection
)
```

J#

```
public HostFileCommand (
    String commandText,
    HostFileConnection connection
)
```

JScript

```
public function HostFileCommand (
    commandText : String,
    connection : HostFileConnection
)
```

## Parameters

commandText

The command to pass to the host system.

connection

The connection used to access the host system.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[HostFileCommand Class](#)

[HostFileCommand Members](#)







[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Cancel</a>	Overridden. Attempts to cancel the execution of the current instance.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">CreateParameter</a>	Creates a new instance of a <a href="#">HostFileParameter</a> object.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteNonQuery</a>	Overridden. Executes a SQL statement against a connection object.
	<a href="#">ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )
	<a href="#">ExecuteRecordSet</a>	Overloaded. Executes a query on a recordset against the connection object.
	<a href="#">ExecuteScalar</a>	Overridden. Executes the query and returns the first column of the first row in the result set returned by the query. All other columns and rows are ignored.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Prepare</a>	Overridden. Creates a prepared (or compiled) version of the command on the data source.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )

Protected Methods

	Name	Description
	<a href="#">CreateDbParameter</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">ExecuteDbDataReader</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbCommand.CreateParameter</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.ExecuteReader</a>	Overloaded. (inherited from <a href="#">DbCommand</a> )

See Also

## Reference

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileCommand.Cancel Method

Attempts to cancel the execution of the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub Cancel
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void Cancel ()
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void Cancel () override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void Cancel ()
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Cancel ()
```

Remarks

If there is nothing to cancel, nothing happens. However, if there is a command in process, and the attempt to cancel fails, no exception is generated.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.CreateParameter Method

Creates a new instance of a [HostFileParameter](#) object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CreateParameter As HostFileParameter
```

C#

```
public HostFileParameter CreateParameter ()
```

C++

```
public:  
HostFileParameter^ CreateParameter ()
```

J#

```
public HostFileParameter CreateParameter ()
```

JScript

```
public function CreateParameter () : HostFileParameter
```

## Return Value

A DbParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.ExecuteNonQuery Method

Executes a SQL statement against a connection object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ExecuteNonQuery As Integer
```

C#

```
public override int ExecuteNonQuery ()
```

C++

```
public:  
virtual int ExecuteNonQuery () override
```

J#

```
public int ExecuteNonQuery ()
```

JScript

```
public override function ExecuteNonQuery () : int
```

## Return Value

The number of rows affected.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileCommand.ExecuteRecordSet Method

Executes a query on a recordset against the connection object.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">ExecuteRecordSet()</a>	Executes a command on a recordset against the connection object.
 <a href="#">ExecuteRecordSet(CommandBehavior, RecordSetType)</a>	Executes a command on a recordset against the connection object.

See Also

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileCommand.ExecuteRecordSet Method ()

Executes a command on a recordset against the connection object.

Syntax

C#

```
public HostFileRecordSet ExecuteRecordSet()
```

C++

```
public:  
HostFileRecordSet^ ExecuteRecordSet()
```

F#

```
member ExecuteRecordSet : unit -> HostFileRecordSet
```

VB

```
Public Function ExecuteRecordSet As HostFileRecordSet
```

## Return Value

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileRecordSet](#)

A HostFileRecordSet containing the results of the command.

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## HostFileCommand.ExecuteRecordSet Method (CommandBehavior, RecordSetType)

Executes a command on a recordset against the connection object.

Syntax

C#

```
public HostFileRecordSet ExecuteRecordSet(  
    CommandBehavior behavior,  
    RecordSetType type  
)
```

C++

```
public:  
HostFileRecordSet^ ExecuteRecordSet(  
    CommandBehavior behavior,  
    RecordSetType type  
)
```

F#

```
member ExecuteRecordSet :  
    behavior:CommandBehavior *  
    type:RecordSetType -> HostFileRecordSet
```

VB

```
Public Function ExecuteRecordSet (  
    behavior As CommandBehavior,  
    type As RecordSetType  
) As HostFileRecordSet
```

#### Parameters

*behavior*

Type: [System.Data.CommandBehavior](#)

The behavior of the command.

*type*

Type: [Microsoft.HostIntegration.MsHostFileClient.RecordSetType](#)

The type of recordset on which to execute the command.

#### Return Value

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileRecordSet](#)

A HostFileRecordSet containing the results of the command.

[Return to top](#)

# HostFileCommand.ExecuteRecordSet Method ()

Executes a command on a recordset against the connection object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function ExecuteRecordSet As HostFileRecordSet
```

C#

```
public HostFileRecordSet ExecuteRecordSet ()
```

C++

```
public:  
HostFileRecordSet^ ExecuteRecordSet ()
```

J#

```
public HostFileRecordSet ExecuteRecordSet ()
```

JScript

```
public function ExecuteRecordSet () : HostFileRecordSet
```

## Return Value

A HostFileRecordSet containing the results of the command.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.ExecuteRecordSet Method (CommandBehavior, RecordSetType)

Executes a command on a recordset against the connection object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ExecuteRecordSet ( _
    behavior As CommandBehavior, _
    type As RecordSetType _
) As HostFileRecordSet
```

C#

```
public HostFileRecordSet ExecuteRecordSet (
    CommandBehavior behavior,
    RecordSetType type
)
```

C++

```
public:
HostFileRecordSet^ ExecuteRecordSet (
    CommandBehavior behavior,
    RecordSetType type
)
```

J#

```
public HostFileRecordSet ExecuteRecordSet (
    CommandBehavior behavior,
    RecordSetType type
)
```

JScript

```
public function ExecuteRecordSet (
    behavior : CommandBehavior,
    type : RecordSetType
) : HostFileRecordSet
```

## Parameters

behavior

The behavior of the command.

type

The type of recordset on which to execute the command.

## Return Value

A HostFileRecordSet containing the results of the command.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileCommand.ExecuteScalar Method

Executes the query and returns the first column of the first row in the result set returned by the query. All other columns and rows are ignored.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ExecuteScalar As Object
```

C#

```
public override Object ExecuteScalar ()
```

C++

```
public:
virtual Object^ ExecuteScalar () override
```

J#

```
public Object ExecuteScalar ()
```

JScript

```
public override function ExecuteScalar () : Object
```

## Return Value

The first column of the first row in the result set.

Remarks

Use the ExecuteScalar method to retrieve a single value (for example, an aggregate value) from a database.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.Prepare Method

Creates a prepared (or compiled) version of the command on the data source.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Prepare
```

C#

```
public override void Prepare ()
```

C++

```
public:
virtual void Prepare () override
```

J#

```
public void Prepare ()
```

JScript

```
public override function Prepare ()
```

Remarks

If the CommandType property is set to TableDirect, Prepare does nothing. If CommandType is set to StoredProcedure, the call to Prepare should succeed, although it may result in a no-op.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**











[HostFileCommand Class](#)

[HostFileCommand Members](#)







[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CommandText</a>	Overridden. Gets or sets the text command to run against the data source.
	<a href="#">CommandTimeout</a>	Overridden. Gets or sets the wait time before terminating the attempt to execute a command and generating an error.
	<a href="#">CommandType</a>	Overridden. Gets or sets how the CommandText property is interpreted.
	<a href="#">Connection</a>	Gets or sets the HostFileConnection used by the current instance.
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignTimeVisible</a>	Overridden. Gets or sets a value that indicates whether the command object should be visible in a customized interface control.
	<a href="#">Parameters</a>	Gets the collection of HostFileParameter objects.
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Transaction</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">UpdatedRowSource</a>	Overridden. Gets or sets how command results are applied to the DataRow when used by the Update method of the adapter.

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DbConnection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DbParameterCollection</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DbTransaction</a>	(inherited from <a href="#">DbCommand</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbCommand.Connection</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Parameters</a>	(inherited from <a href="#">DbCommand</a> )
<a href="#">System.Data.IDbCommand.Transaction</a>	(inherited from <a href="#">DbCommand</a> )

See Also

## Reference

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.CommandText Property

Gets or sets the text command to run against the data source.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property CommandText As String
```

C#

```
public override string CommandText { get; set; }
```

C++

```
public:
virtual property String^ CommandText {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_CommandText ()

/** @property */
public void set_CommandText (String value)
```

JScript

```
public override function get CommandText () : String

public override function set CommandText (value : String)
```

## Property Value

The text command to execute. The default value is an empty string ("").

Remarks

When you set the CommandType to StoredProcedure, you should set the CommandText property to the name of the stored procedure. The command executes this stored procedure when you call one of the Execute methods.

### ◆ Important

The Managed Provider for Host Files does not support any type of transaction. Therefore, you should try to avoid using INSERT, UPDATE, or DELETE commands on mission-critical data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

Change History

See Also

Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.CommandTimeout Property

Gets or sets the wait time before terminating the attempt to execute a command and generating an error.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property CommandTimeout As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int CommandTimeout { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int CommandTimeout {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_CommandTimeout ()

/** @property */
public void set_CommandTimeout (int value)
```

JScript

```
public override function get CommandTimeout () : int

public override function set CommandTimeout (value : int)
```

## Property Value

The time in seconds to wait for the command to execute.

Remarks

An `ArgumentException` is generated if the assigned `CommandTimeout` property value is less than 0.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.CommandType Property

Gets or sets how the CommandText property is interpreted.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property CommandType As CommandType
```

C#

```
public override CommandType CommandType { get; set; }
```

C++

```
public:
virtual property CommandType CommandType {
    CommandType get () override;
    void set (CommandType value) override;
}
```

J#

```
/** @property */
public CommandType get_CommandType ()

/** @property */
public void set_CommandType (CommandType value)
```

JScript

```
public override function get CommandType () : CommandType

public override function set CommandType (value : CommandType)
```

## Property Value

One of the CommandType values. The default is Text.

Remarks

When you set the CommandType to StoredProcedure, you should set the CommandText property to the name of the stored procedure. The command executes this stored procedure when you call one of the Execute methods.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.Connection Property

Gets or sets the HostFileConnection used by the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Connection As HostFileConnection
```

C#

```
public HostFileConnection Connection { get; set; }
```

C++

```
public:
property HostFileConnection^ Connection {
    HostFileConnection^ get ();
    void set (HostFileConnection^ value);
}
```

J#

```
/** @property */
public HostFileConnection get_Connection ()

/** @property */
public void set_Connection (HostFileConnection value)
```

JScript

```
public function get Connection () : HostFileConnection

public function set Connection (value : HostFileConnection)
```

## Property Value

The connection to the data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileCommand.DesignTimeVisible Property

Gets or sets a value that indicates whether the command object should be visible in a customized interface control.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DefaultValueAttribute(True)> _
<DesignOnlyAttribute(True)> _
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property DesignTimeVisible As Boolean
```

C#

```
[BrowsableAttribute(false)]
[DefaultValueAttribute(true)]
[DesignOnlyAttribute(true)]
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool DesignTimeVisible { get; set; }
```

C++

```
[BrowsableAttribute(false)]
[DefaultValueAttribute(true)]
[DesignOnlyAttribute(true)]
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property bool DesignTimeVisible {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_DesignTimeVisible ()

/** @property */
public void set_DesignTimeVisible (boolean value)
```

JScript

```
public override function get DesignTimeVisible () : boolean

public override function set DesignTimeVisible (value : boolean)
```

## Property Value

**true** if the command object should be visible in a control; otherwise **false**. The default is **true**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.Parameters Property

Gets the collection of HostFileParameter objects.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Parameters As HostFileParameterCollection
```

C#

```
public HostFileParameterCollection Parameters { get; }
```

C++

```
public:  
property HostFileParameterCollection^ Parameters {  
    HostFileParameterCollection^ get ();  
}
```

J#

```
/** @property */  
public HostFileParameterCollection get_Parameters ()
```

JScript

```
public function get Parameters () : HostFileParameterCollection
```

## Property Value

The parameters of the SQL statement or stored procedure.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileCommand.UpdatedRowSource Property

Gets or sets how command results are applied to the DataRow when used by the Update method of the adapter.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property UpdatedRowSource As UpdateRowSource
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override UpdateRowSource UpdatedRowSource { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property UpdateRowSource UpdatedRowSource {
    UpdateRowSource get () override;
    void set (UpdateRowSource value) override;
}
```

J#

```
/** @property */
public UpdateRowSource get_UpdatedRowSource ()

/** @property */
public void set_UpdatedRowSource (UpdateRowSource value)
```

JScript

```
public override function get UpdatedRowSource () : UpdateRowSource

public override function set UpdatedRowSource (value : UpdateRowSource)
```

## Property Value

One of the UpdateRowSource values. The default is Both unless the command is automatically generated. Then the default is None.

Remarks

Throws an ArgumentException if the value entered was not one of the UpdateRowSource values.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileCommand Class](#)

[HostFileCommand Members](#)



# HostFileCommand Events

Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )

See Also

Reference

[HostFileCommand Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection Class

Represents a connection to a database.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.ComponentModel.Component](#)

[System.Data.Common.DbConnection](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileConnection**

Syntax

C#

```
public class HostFileConnection : DbConnection
```

C++

```
public ref class HostFileConnection : DbConnection
```



F#

```
type HostFileConnection =  
    class  
        inherit DbConnection  
    end
```










VB









```
Public Class HostFileConnection  
    Inherits DbConnection
```

Constructors























Name	Description
 <a href="#">HostFileConnection()</a>	Initializes a new instance of the <b>HostFileConnection</b> class.
 <a href="#">HostFileConnection(String)</a>	Initializes a new instance of the <b>HostFileConnection</b> class using the specified connection string.

Properties







Name	Description
 <a href="#">CanRaiseEvents</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">ConnectionString</a>	Gets or sets the string used to open the connection.(Overrides <a href="#">DbConnection.ConnectionString</a> .)
 <a href="#">ConnectionTimeout</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">Database</a>	Gets the name of the current database after a connection is opened, or the database name specified in the connection string before the connection is opened.(Overrides <a href="#">DbConnection.Database</a> .)
 <a href="#">DataSource</a>	Gets the name of the database server to which to connect.(Overrides <a href="#">DbConnection.DataSource</a> .)
 <a href="#">DbProviderFactory</a>	(Inherited from <a href="#">DbConnection</a> .)
 <a href="#">DesignMode</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">Events</a>	(Inherited from <a href="#">Component</a> .)

 HostFileClientTracePoint	
 LibraryReader	
 Metadata	Gets or sets the metadata on the connection.
 ServerClass	Gets the server class.
 ServerVersion	Gets the server version.(Overrides <a href="#">DbConnection.ServerVersion</a> .)
 Site	(Inherited from <a href="#">Component</a> .)
 State	Gets a string that describes the state of the connection.(Overrides <a href="#">DbConnection.State</a> .)
 TracePoint	



#### Methods

	Name	Description
	<a href="#">BeginDbTransaction(IsolationLevel)</a>	(Inherited from <a href="#">DbConnection</a> .)
	<a href="#">BeginTransaction()</a>	(Inherited from <a href="#">DbConnection</a> .)
	<a href="#">BeginTransaction(IsolationLevel)</a>	(Inherited from <a href="#">DbConnection</a> .)
	<a href="#">ChangeDatabase(String)</a>	(Inherited from <a href="#">DbConnection</a> .)
	<a href="#">Close()</a>	Closes the connection to the database. This is the preferred method of closing any open connection.(Overrides <a href="#">DbConnection.Close()</a> .)
	<a href="#">CreateCommand()</a>	Creates and returns a HostFileCommand object associated with the current connection.
	<a href="#">CreateDbCommand()</a>	(Overrides <a href="#">DbConnection.CreateDbCommand()</a> .)
	<a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">Dispose()</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">Dispose(Boolean)</a>	(Overrides <a href="#">Component.Dispose(Boolean)</a> .)
	<a href="#">EnlistTransaction(Transaction)</a>	(Inherited from <a href="#">DbConnection</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Overrides <a href="#">Component.Finalize()</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">GetSchema()</a>	Returns schema information for the data source of this HostFileConnection.(Overrides <a href="#">DbConnection.GetSchema()</a> .)
	<a href="#">GetSchema(String)</a>	Returns schema information for the data source of this DbConnection using the specified string for the schema name.(Overrides <a href="#">DbConnection.GetSchema(String)</a> .)
	<a href="#">GetSchema(String, String[])</a>	Returns schema information for the data source of this HostFileConnection using the specified string for the schema name and the specified string array for the restriction values(Overrides <a href="#">DbConnection.GetSchema(String, String[])</a> .)
	<a href="#">GetService(Type)</a>	(Inherited from <a href="#">Component</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)






 <b>MemberwiseClone(Boolean)</b>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <b>OnStateChange(StateChangeEventArgs)</b>	(Inherited from <a href="#">DbConnection</a> .)
 <b>Open()</b>	Opens a database connection with the settings specified by the HostFileConnection String.(Overrides <a href="#">DbConnection.Open()</a> .)
 <b>OpenAsync()</b>	(Inherited from <a href="#">DbConnection</a> .)
 <b>OpenAsync(CancellationTokens)</b>	(Inherited from <a href="#">DbConnection</a> .)
 <b>ToString()</b>	(Inherited from <a href="#">Component</a> .)

#### Events

<b>Name</b>	<b>Description</b>
 <b>Disposed</b>	(Inherited from <a href="#">Component</a> .)
 <b>StateChange</b>	(Inherited from <a href="#">DbConnection</a> .)

#### Explicit Interface Implementations

<b>Name</b>	<b>Description</b>
 <b>IDbConnection.BeginTransaction()</b>	(Inherited from <a href="#">DbConnection</a> .)
 <b>IDbConnection.BeginTransaction(IsolationLevel)</b>	(Inherited from <a href="#">DbConnection</a> .)
 <b>IDbConnection.CreateCommand()</b>	(Inherited from <a href="#">DbConnection</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostFileConnection Members

Represents a connection to a database.











The following tables list the members exposed by the [HostFileConnection](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileConnection</a>	Overloaded. Initializes a new instance of the <a href="#">HostFileConnection</a> class.





## Top

## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">ConnectionString</a>	Overridden. Gets or sets the string used to open the connection.
 <a href="#">ConnectionTimeout</a>	Overridden. Gets the time to wait while establishing a connection before terminating the attempt and generating an error.
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Database</a>	Overridden. Gets the name of the current database after a connection is opened, or the database name specified in the connection string before the connection is opened.
 <a href="#">DataSource</a>	Overridden. Gets the name of the database server to which to connect.
 <a href="#">Metadata</a>	Gets or sets the metadata on the connection.
 <a href="#">ServerClass</a>	Gets the server class.
 <a href="#">ServerVersion</a>	Overridden. Gets the server version.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">State</a>	Overridden. Gets a string that describes the state of the connection.

















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## Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DbProviderFactory</a>	(inherited from <a href="#">DbConnection</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )








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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
 <a href="#">ChangeDatabase</a>	Overridden. Changes the current database for an open connection.
 <a href="#">Close</a>	Overridden. Closes the connection to the database. This is the preferred method of closing any open connection.
 <a href="#">CreateCommand</a>	Creates and returns a HostFileCommand object associated with the current connection.
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
 <a href="#">EnlistTransaction</a>	Enlists in the specified transaction. (inherited from <a href="#">DbConnection</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetSchema</a>	Overloaded. Overridden. Indicates the schema information for the data source of this HostFileConnection.
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Open</a>	Overridden. Opens a database connection with the settings specified by the HostFileConnectionString.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Component</a> )



## Top

## Protected Methods

	Name	Description
	<a href="#">BeginDbTransaction</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">CreateDbCommand</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnStateChange</a>	(inherited from <a href="#">DbConnection</a> )

[Top](#)

## Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">StateChange</a>	(inherited from <a href="#">DbConnection</a> )

[Top](#)

## Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDbConnection.BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
	<a href="#">System.Data.IDbConnection.CreateCommand</a>	(inherited from <a href="#">DbConnection</a> )

[Top](#)

See Also

## Reference

[HostFileConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection Constructor

Initializes a new instance of the [HostFileConnection](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">HostFileConnection()</a>	Initializes a new instance of the <a href="#">HostFileConnection</a> class.
 <a href="#">HostFileConnection(String)</a>	Initializes a new instance of the <a href="#">HostFileConnection</a> class using the specified connection string.

See Also

[HostFileConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileConnection Constructor ()

Initializes a new instance of the [HostFileConnection](#) class.

Syntax

C#

```
public HostFileConnection()
```

C++

```
public:  
HostFileConnection()
```

F#

```
new : unit -> HostFileConnection
```

VB

```
Public Sub New
```

Examples

## Legacy Code Example

```
try  
{  
    HostFileConnection cn = new HostFileConnection();  
    cn.ConnectionString = cnstring;  
    cn.Open();  
    //do stuff here  
    cn.Close();  
}
```

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## HostFileConnection Constructor (String)

Initializes a new instance of the [HostFileConnection](#) class using the specified connection string.

Syntax

C#

```
public HostFileConnection(  
    string connectionString  
)
```

C++

```
public:
HostFileConnection(
    String^ connectionString
)
```

F#

```
new :
    connectionString:string -> HostFileConnection
```

VB

```
Public Sub New (
    connectionString As String
)
```

#### Parameters

*connectionString*

Type: [System.String](#)

The connection string to use.

#### Remarks

The following code sample describes using the HostFileConnection constructor. Note that ETCMLogging and HostFileUtils are developer-created objects that provide logging and utility functionality, respectively.

#### Examples

##### Legacy Code Example

```
public void CNConstructorString(ETCMLogging.Logging logging, string host, string ccid, string cnstring, HostFileUtils.Utils.HostFileType hostfiletype)
{
    HostFileUtils.Oledb oledb = new HostFileUtils.Oledb();
    HostFileUtils.Utils u = new HostFileUtils.Utils();
    logging.LogInfo(host);
    try
    {
        //Create connection
        HostFileConnection cn = new HostFileConnection(cnstring);
        //Open the connection
        logging.LogInfo("Open Connection");
        cn.Open();
        //Close the open connection
        cn.Close();
    }
    catch (Exception e)
    {
        logging.LogInfo(e.Message);
        logging.LogFail(e.StackTrace);
    }
}
```

[Return to top](#)

# HostFileConnection Constructor ()

Initializes a new instance of the [HostFileConnection](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public HostFileConnection ()
```

C++

```
public:
HostFileConnection ()
```

J#

```
public HostFileConnection ()
```

JScript

```
public function HostFileConnection ()
```

Example

```
try
{
    HostFileConnection cn = new HostFileConnection();
    cn.ConnectionString = cnstring;
    cn.Open();
    //do stuff here
    cn.Close();
}
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection Constructor (String)

Initializes a new instance of the [HostFileConnection](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public HostFileConnection (
    string connectionString
)
```

C++

```
public:
HostFileConnection (
    String^ connectionString
)
```

J#

```
public HostFileConnection (
    String connectionString
)
```

JScript

```
public function HostFileConnection (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to use.

## Example

```
public void CNConstructorString(ETCMLLogging.Logging logging, string host, string ccid, string cnstring, HostFileUtils.Utils.HostFileType hostfiletype)
{
    HostFileUtils.OleDb oledb = new HostFileUtils.OleDb();
    HostFileUtils.Utils u = new HostFileUtils.Utils();
    logging.LogInfo(host);
    try
    {
        //Create connection
        HostFileConnection cn = new HostFileConnection(cnstring);
        //Open the connection
        logging.LogInfo("Open Connection");
        cn.Open();
        //Close the open connection
        cn.Close();
    }
    catch (Exception e)
    {
    }
```

```
        logging.LogInfo(e.Message);  
        logging.LogFail(e.StackTrace);  
    }  
}
```

#### Remarks

The following code sample describes using the HostFileConnection constructor. Note that ETCMLogging and HostFileUtils are developer-created objects that provide logging and utility functionality, respectively.

#### Platforms

##### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

##### **Target Platforms**

[Change History](#)

[See Also](#)

##### **Reference**

[HostFileConnection Class](#)


















[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)










# HostFileConnection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
	<a href="#">ChangeDatabase</a>	Overridden. Changes the current database for an open connection.
	<a href="#">Close</a>	Overridden. Closes the connection to the database. This is the preferred method of closing any open connection.
	<a href="#">CreateCommand</a>	Creates and returns a HostFileCommand object associated with the current connection.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">EnlistTransaction</a>	Enlists in the specified transaction. (inherited from <a href="#">DbConnection</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetSchema</a>	Overloaded. Overridden. Indicates the schema information for the data source of this HostFileConnection.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Open</a>	Overridden. Opens a database connection with the settings specified by the HostFileConnectionString.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )

Protected Methods

	Name	Description
	<a href="#">BeginDbTransaction</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">CreateDbCommand</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">Component</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnStateChange</a>	(inherited from <a href="#">DbConnection</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbConnection.BeginTransaction</a>	Overloaded. (inherited from <a href="#">DbConnection</a> )
<a href="#">System.Data.IDbConnection.CreateCommand</a>	(inherited from <a href="#">DbConnection</a> )

See Also

## Reference

[HostFileConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.ChangeDatabase Method

Changes the current database for an open connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub ChangeDatabase ( _
    database As String _
)
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void ChangeDatabase (
    string database
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void ChangeDatabase (
    String^ database
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void ChangeDatabase (
    String database
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function ChangeDatabase (
    database : String
)
```

## Parameters

database

The name of the database for the connection to use.

Remarks

The value supplied in the database parameter must be a valid database name for the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.Close Method

Closes the connection to the database. This is the preferred method of closing any open connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Close
```

C#

```
public override void Close ()
```

C++

```
public:
virtual void Close () override
```

J#

```
public void Close ()
```

JScript

```
public override function Close ()
```

Example

```
HostFileConnection conn = null;
try
{
    //perform activities here
}
catch(Exception e)
{
    Log(e);
}
finally
{
    if(conn != null)
    {
        conn.Close();
        conn.Dispose();
    }
}
```

Remarks

The Close method rolls back any pending transactions. It then releases the connection to the connection pool, or closes the connection if connection pooling is disabled.

An application can call Close more than one time. No exception is generated.

If the HostFileConnection goes out of scope, it is not closed. Therefore, you must explicitly close the connection by calling Close or Dispose, which are functionally equivalent. If the connection pooling value Pooling is set to true or yes, this also releases the physical connection.

If you are expecting to throw a great deal of exceptions in your application, consider using the following format in your code to ensure that your connections are closed properly:

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.CreateCommand Method

Creates and returns a HostFileCommand object associated with the current connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function CreateCommand As HostFileCommand
```

C#

```
public HostFileCommand CreateCommand ()
```

C++

```
public:  
HostFileCommand^ CreateCommand ()
```

J#

```
public HostFileCommand CreateCommand ()
```

JScript

```
public function CreateCommand () : HostFileCommand
```

## Return Value

A HostFileCommand object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)




[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.GetSchema Method

Indicates the schema information for the data source of this HostFileConnection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">GetSchema()</a>	Returns schema information for the data source of this HostFileConnection.(Overrides <a href="#">DbConnection.GetSchema()</a> .)
 <a href="#">GetSchema(String)</a>	Returns schema information for the data source of this DbConnection using the specified string for the schema name.(Overrides <a href="#">DbConnection.GetSchema(String)</a> .)
 <a href="#">GetSchema(String, String[])</a>	Returns schema information for the data source of this HostFileConnection using the specified string for the schema name and the specified string array for the restriction values(Overrides <a href="#">DbConnection.GetSchema(String, String[])</a> .)

See Also  
[HostFileConnection Class](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)  
**HostFileConnection.GetSchema Method ()**  
Returns schema information for the data source of this HostFileConnection.

Syntax  
C#

```
public override DataTable GetSchema()
```

C++

```
public:  
virtual DataTable^ GetSchema() override
```

F#

```
override GetSchema : unit -> DataTable
```

VB

```
Public Overrides Function GetSchema As DataTable
```

**Return Value**  
Type: [System.Data.DataTable](#)  
A DataTable that contains schema information.

Remarks  
The following code sample describes how to retrieve schema data from a connection. Note that ETCMLogging and HistFileUtils are developer-specific objects that provide logging and utility functionality, respectively.

Examples  
**Legacy Code Example**

```
public void CNGetSchema(ETCMLogging.Logging logging, string host, string ccscid, string cnst  
ring, HostFileUtils.Utils.HostFileType hostfiletype)  
{  
    HostFileUtils.Oledb oledb = new HostFileUtils.Oledb();  
    HostFileUtils.Utils u = new HostFileUtils.Utils();  
    logging.LogInfo(host);
```

```

try
{
    //Create connection
    HostFileConnection cn = oledb.CreateConnection(logging);

    cn.ConnectionString = cnstring;
    DataTable dt = cn.GetSchema();
    if (dt.HasErrors)
    {
        logging.LogFail("returned datatable has errors");
    }
    //Open the connection
    logging.LogInfo("Open Connection");
    cn.Open();
    DataTable dt2 = cn.GetSchema();
    if (dt2.HasErrors)
    {
        logging.LogFail("returned datatable has errors");
    }
    int rowcnt = dt.Rows.Count;
    for (int i = 0; i < rowcnt; i++)
    {
        int colcnt = dt.Rows[i].ItemArray.Length;
        for (int o = 0; o < colcnt; o++)
        {
            u.CompareValues(dt.Rows[i][o].ToString(), dt2.Rows[i][o].ToString()
, logging);
        }
    }
    //Close the open connection
    cn.Close();

}
catch (Exception e)
{
    logging.LogInfo(e.Message);
    logging.LogFail(e.StackTrace);
}
}

```

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#### **HostFileConnection.GetSchema Method (String)**

Returns schema information for the data source of this DbConnection using the specified string for the schema name.

Syntax

C#

```

public override DataTable GetSchema(
    string collectionName
)

```

C++

```

public:
virtual DataTable^ GetSchema(
    String^ collectionName
) override

```

F#

```

override GetSchema :
    collectionName:string -> DataTable

```

VB

```

Public Overrides Function GetSchema (
    collectionName As String

```



```
) As DataTable
```

#### Parameters

*collectionName*

Type: [System.String](#)

The name of the schema to return.

#### Return Value

Type: [System.Data.DataTable](#)

A DataTable that contains schema information.

#### Remarks

When *collectionName* is specified as **null**, the DataTable contains information about all the metadata that is available, and its restrictions.

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#### HostFileConnection.GetSchema Method (String, String[])

Returns schema information for the data source of this HostFileConnection using the specified string for the schema name and the specified string array for the restriction values

#### Syntax

C#

```
public override DataTable GetSchema(  
    string collectionName,  
    string[] restrictionValues  
)
```

C++

```
public:  
virtual DataTable^ GetSchema(  
    String^ collectionName,  
    array<String^>^ restrictionValues  
) override
```

F#

```
override GetSchema :  
    collectionName:string *  
    restrictionValues:string[] -> DataTable
```

VB

```
Public Overrides Function GetSchema (  
    collectionName As String,  
    restrictionValues As String()  
) As DataTable
```

#### Parameters

*collectionName*

Type: [System.String](#)

The name of the schema to return.

*restrictionValues*

Type: [System.String](#)

A set of restriction values for the requested schema.

#### Return Value

Type: [System.Data.DataTable](#)

A DataTable that contains schema information.

#### Remarks

When *collectionName* is specified as **null**, the DataTable contains information about all the metadata that is available, and its restrictions.

The `restrictionValues` parameter can supply n depth of values, which are specified by the `restrictions` collection for a specific collection. In order to set values on a given restriction, and not set the values of other restrictions, you need to set the preceding restrictions to null and then put the appropriate value in for the restriction that you would like to specify a value for.

An example of this is the "Tables" collection. If the "Tables" collection has three restrictions (database, owner, and table name) and you want to get back only the tables associated with the owner "Carl", you must pass in the following values at least: **null**, "Carl". If a restriction value is not passed in, the default values are used for that restriction. This is the same mapping as passing in **null**, which is different from passing in an empty string for the parameter value. In that case, the empty string ("") is considered to be the value for the specified parameter.

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# HostFileConnection.GetSchema Method ()

Returns schema information for the data source of this HostFileConnection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetSchema As DataTable
```

C#

```
public override DataTable GetSchema ()
```

C++

```
public:
virtual DataTable^ GetSchema () override
```

J#

```
public DataTable GetSchema ()
```

JScript

```
public override function GetSchema () : DataTable
```

## Return Value

A DataTable that contains schema information.

Example

```
public void CNGetSchema(ETCMLLogging.Logging logging, string host, string ccscid, string cnst
ring, HostFileUtils.Utils.HostFileType hostfiletype)
{
    HostFileUtils.OleDb oledb = new HostFileUtils.OleDb();
    HostFileUtils.Utils u = new HostFileUtils.Utils();
    logging.LogInfo(host);

    try
    {
        //Create connection
        HostFileConnection cn = oledb.CreateConnection(logging);

        cn.ConnectionString = cnstring;
        DataTable dt = cn.GetSchema();
        if (dt.HasErrors)
        {
            logging.LogFail("returned datatable has errors");
        }
        //Open the connection
        logging.LogInfo("Open Connection");
        cn.Open();
        DataTable dt2 = cn.GetSchema();
        if (dt2.HasErrors)
        {
            logging.LogFail("returned datatable has errors");
        }
        int rowcnt = dt.Rows.Count;
        for (int i = 0; i < rowcnt; i++)
        {
            int colcnt = dt.Rows[i].ItemArray.Length;
```

```

        for (int o = 0; o < colcnt; o++)
        {
            u.CompareValues(dt.Rows[i][o].ToString(), dt2.Rows[i][o].ToString())
        }, logging);
    }
    //Close the open connection
    cn.Close();

}
catch (Exception e)
{
    logging.LogInfo(e.Message);
    logging.LogFail(e.StackTrace);
}
}

```

#### Remarks

The following code sample describes how to retrieve schema data from a connection. Note that ETCMLogging and HistFileUtils are developer-specific objects that provide logging and utility functionality, respectively.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### Platforms

##### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

##### Target Platforms

##### Change History

##### See Also

##### Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.GetSchema Method (String)

Returns schema information for the data source of this DbConnection using the specified string for the schema name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetSchema ( _
    collectionName As String _
) As DataTable
```

C#

```
public override DataTable GetSchema (
    string collectionName
)
```

C++

```
public:
virtual DataTable^ GetSchema (
    String^ collectionName
) override
```

J#

```
public DataTable GetSchema (
    String collectionName
)
```

JScript

```
public override function GetSchema (
    collectionName : String
) : DataTable
```

## Parameters

collectionName

The name of the schema to return.

## Return Value

A DataTable that contains schema information.

Remarks

When collectionName is specified as **null**, the DataTable contains information about all the metadata that is available, and its restrictions.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)



# HostFileConnection.GetSchema Method (String, String[])

Returns schema information for the data source of this HostFileConnection using the specified string for the schema name and the specified string array for the restriction values

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetSchema ( _
    collectionName As String, _
    restrictionValues As String() _
) As DataTable
```

C#

```
public override DataTable GetSchema (
    string collectionName,
    string[] restrictionValues
)
```

C++

```
public:
virtual DataTable^ GetSchema (
    String^ collectionName,
    array<String^>^ restrictionValues
) override
```

J#

```
public DataTable GetSchema (
    String collectionName,
    String[] restrictionValues
)
```

JScript

```
public override function GetSchema (
    collectionName : String,
    restrictionValues : String[]
) : DataTable
```

## Parameters

collectionName

The name of the schema to return.

restrictionValues

A set of restriction values for the requested schema.

## Return Value

A DataTable that contains schema information.

Remarks

When collectionName is specified as **null**, the DataTable contains information about all the metadata that is available, and its restrictions.

The restrictionValues parameter can supply n depth of values, which are specified by the restrictions collection for a specific collection. In order to set values on a given restriction, and not set the values of other restrictions, you need to set the preceding restrictions to null and then put the appropriate value in for the restriction that you would like to specify a value for.

An example of this is the "Tables" collection. If the "Tables" collection has three restrictions (database, owner, and table name) and you want to get back only the tables associated with the owner "Carl", you must pass in the following values at least: **null**, "Carl". If a restriction value is not passed in, the default values are used for that restriction. This is the same mapping as passing in **null**, which is different from passing in an empty string for the parameter value. In that case, the empty string ("") is considered to be the value for the specified parameter.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnection.Open Method

Opens a database connection with the settings specified by the HostFileConnectionString.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub Open
```

C#

```
public override void Open ()
```

C++

```
public:
virtual void Open () override
```

J#

```
public void Open ()
```

JScript

```
public override function Open ()
```

Example

```
try
{
    HostFileConnection cn = new HostFileConnection();
    cn.ConnectionString = cnstring;
    cn.Open();
    //do stuff here
    cn.Close();
}
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**











[HostFileConnection Class](#)

[HostFileConnection Members](#)





[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">ConnectionString</a>	Overridden. Gets or sets the string used to open the connection.
	<a href="#">ConnectionTimeout</a>	Overridden. Gets the time to wait while establishing a connection before terminating the attempt and generating an error.
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Database</a>	Overridden. Gets the name of the current database after a connection is opened, or the database name specified in the connection string before the connection is opened.
	<a href="#">DataSource</a>	Overridden. Gets the name of the database server to which to connect.
	<a href="#">Metadata</a>	Gets or sets the metadata on the connection.
	<a href="#">ServerClass</a>	Gets the server class.
	<a href="#">ServerVersion</a>	Overridden. Gets the server version.
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">State</a>	Overridden. Gets a string that describes the state of the connection.

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DbProviderFactory</a>	(inherited from <a href="#">DbConnection</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )

See Also

## Reference

[HostFileConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.ConnectionString Property

Gets or sets the string used to open the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property ConnectionString As String
```

C#

```
public override string ConnectionString { get; set; }
```

C++

```
public:
virtual property String^ ConnectionString {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_ConnectionString ()

/** @property */
public void set_ConnectionString (String value)
```

JScript

```
public override function get ConnectionString () : String

public override function set ConnectionString (value : String)
```

## Property Value

The connection string used to establish the initial connection. The default is an empty string.

Example

```
try
{
    HostFileConnection cn = new HostFileConnection();
    cn.ConnectionString = cnstring;
    cn.Open();
    //do stuff here
    cn.Close();
}
```

Remarks

The following code sample show setting the connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

[Change History](#)

[See Also](#)

**Reference**

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.ConnectionTimeout Property

Gets the time to wait while establishing a connection before terminating the attempt and generating an error.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides ReadOnly Property ConnectionTimeout As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int ConnectionTimeout { get; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int ConnectionTimeout {
    int get () override;
}
```

J#

```
/** @property */
public int get_ConnectionTimeout ()
```

JScript

```
public override function get ConnectionTimeout () : int
```

## Property Value

The time (in seconds) to wait for a connection to open.

Example

```
public void CNConnectionTimeout(ETCMLogging.Logging logging, string host, string ccsid, string cnstring, HostFileUtils.Utils.HostFileType hostfiletype)
{
    HostFileUtils.Oledb oledb = new HostFileUtils.Oledb();
    logging.LogInfo(host);
    try
    {
        //Create connection
        HostFileConnection cn = oledb.CreateConnection(logging);
        cn.ConnectionString = cnstring;
        int i = cn.ConnectionTimeout;
        if (i != 0)
        {
            logging.LogFail("ConnectionTimeout should always be 0 not " + i.ToString());
        }
        //Open the connection
        logging.LogInfo("Open Connection");
        cn.Open();
        i = 999;
        i = cn.ConnectionTimeout;
        if (i != 0)
        {

```

```
        logging.LogFail("ConnectionTimeout should always be 0 not " + i.ToString());
    }
    //Close the open connection
    cn.Close();
}
catch (Exception e)
{
    logging.LogInfo(e.Message);
    logging.LogFail(e.StackTrace);
}
}
```

#### Remarks

In the following code sample, ETCMLogging and HostFileUtils are developer-designed objects used to provide logging and utility code, respectively.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### Platforms

##### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

##### Target Platforms

Change History

See Also

##### Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.Database Property

Gets the name of the current database after a connection is opened, or the database name specified in the connection string before the connection is opened.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Database As String
```

C#

```
public override string Database { get; }
```

C++

```
public:
virtual property String^ Database {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_Database ()
```

JScript

```
public override function get Database () : String
```

## Property Value

The name of the current database or the name of the database to be used after a connection is opened. The default value is an empty string.

Remarks

A connection typically updates this property dynamically when the current database changes.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.DataSource Property

Gets the name of the database server to which to connect.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides ReadOnly Property DataSource As String
```

C#

```
public override string DataSource { get; }
```

C++

```
public:  
virtual property String^ DataSource {  
    String^ get () override;  
}
```

J#

```
/** @property */  
public String get_DataSource ()
```

JScript

```
public override function get DataSource () : String
```

## Property Value

The name of the database server to which to connect. The default value is an empty string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnection.Metadata Property

Gets or sets the metadata on the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Metadata As Assembly
```

C#

```
public Assembly Metadata { get; set; }
```

C++

```
public:
property Assembly^ Metadata {
    Assembly^ get ();
    void set (Assembly^ value);
}
```

J#

```
/** @property */
public Assembly get_Metadata ()

/** @property */
public void set_Metadata (Assembly value)
```

JScript

```
public function get Metadata () : Assembly

public function set Metadata (value : Assembly)
```

## Property Value

An assembly containing the metadata.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.ServerClass Property

Gets the server class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ServerClass As String
```

C#

```
public string ServerClass { get; }
```

C++

```
public:
property String^ ServerClass {
    String^ get ();
}
```

J#

```
/** @property */
public String get_ServerClass ()
```

JScript

```
public function get ServerClass () : String
```

## Property Value

The class of the server.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.ServerVersion Property

Gets the server version.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
Public Overrides ReadOnly Property ServerVersion As String
```

C#

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public override string ServerVersion { get; }
```

C++

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
public:
virtual property String^ ServerVersion {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_ServerVersion ()
```

JScript

```
public override function get ServerVersion () : String
```

## Property Value

The server version.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection.State Property

Gets a string that describes the state of the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property State As ConnectionState
```

C#

```
public override ConnectionState State { get; }
```

C++

```
public:
virtual property ConnectionState State {
    ConnectionState get () override;
}
```

J#

```
/** @property */
public ConnectionState get_State ()
```

JScript

```
public override function get State () : ConnectionState
```

## Property Value

The state of the connection.

Example

```
public void CNState(ETCMLLogging.Logging logging, string host, string ccid, string cnstring
, HostFileUtils.Utils.HostFileType hostfiletype)
{
    HostFileUtils.Oledb oledb = new HostFileUtils.Oledb();
    HostFileUtils.Utils u = new HostFileUtils.Utils();

    logging.LogInfo(host);

    try
    {
        //Create connection
        HostFileConnection cn = oledb.CreateConnection(logging);

        cn.ConnectionString = cnstring;
        ConnectionState cs1 = cn.State;
        //Open the connection
        logging.LogInfo("Open Connection");
        cn.Open();
        ConnectionState cs2 = cn.State;
        //Close the open connection
        cn.Close();
        ConnectionState cs3 = cn.State;

        if (!cs1.Equals(ConnectionState.Closed))
        {
```

```

        logging.LogFail("connection should be closed not:"+cs1.ToString());
    }
    if (!cs2.Equals(ConnectionState.Open))
    {
        logging.LogFail("connection should be open not:"+cs2.ToString());
    }
    if (!cs3.Equals(ConnectionState.Closed))
    {
        logging.LogFail("connection should be closed not:"+cs3.ToString());
    }
}
catch (Exception e)
{
    logging.LogInfo(e.Message);
    logging.LogFail(e.StackTrace);
}
}

```

#### Remarks

The following code sample shows using `HostFileConnection.State`. Note that `ETCMLogging` and `HostFileUtils` are developer-created objects that provide logging and utility functionality, respectively. In this sample, a `HostFileUtils` object is used to create an oledb connection that contains preset connection state.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

Change History

See Also

#### Reference



[HostFileConnection Class](#)

[HostFileConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnection Events

Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">StateChange</a>	(inherited from <a href="#">DbConnection</a> )

See Also

Reference

[HostFileConnection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder Class

Creates a strongly-typed connection strings.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.Data.Common.DbConnectionStringBuilder](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileConnectionStringBuilder**

Syntax

C#

```
public sealed class HostFileConnectionStringBuilder : DbConnectionStringBuilder
```

C++

```
public ref class HostFileConnectionStringBuilder sealed : DbConnectionStringBuilder
```



F#

```
[<Sealed>]
type HostFileConnectionStringBuilder =
    class
        inherit DbConnectionStringBuilder
    end
```












VB
























```
Public NotInheritable Class HostFileConnectionStringBuilder
    Inherits DbConnectionStringBuilder
```

Constructors









	Name	Description
	<a href="#">HostFileConnectionStringBuilder()</a>	Initializes a new instance of the <b>HostFileConnectionStringBuilder</b> class.
	<a href="#">HostFileConnectionStringBuilder(String)</a>	Initializes a new instance of the <b>HostFileConnectionStringBuilder</b> class.

Properties





	Name	Description
	<a href="#">AffiliateApplication</a>	Gets or sets the affiliate application associated with the connection string.
	<a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
	<a href="#">AppcMode</a>	Gets or sets the APPC mode.
	<a href="#">BinAsChar</a>	Gets or sets a value that determines if the connection should treat binary data as character data.
	<a href="#">CertificateCN</a>	
	<a href="#">ConnectionPooling</a>	
	<a href="#">ConnectionString</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<a href="#">ConnectionTimeout</a>	
	<a href="#">Count</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<a href="#">DataSource</a>	Gets or sets the data source.
	<a href="#">DefaultLibrary</a>	Gets or sets the default library.

 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties of the connection string.
 <a href="#">FileName</a>	Gets or sets the name of the file to access.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Gets a value that indicates whether the HostFileConnectionStringBuilder has a fixed size.(Overrides <a href="#">DbConnectionStringBuilder.IsFixedSize</a> .)
 <a href="#">IsReadOnly</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">Item(String)</a>	Gets or sets the value associated with the specified key.(Overrides <a href="#">DbConnectionStringBuilder.Item(String)</a> .)
 <a href="#">Keys</a>	Gets an ICollection that contains the keys in the HostFileConnectionStringBuilder.(Overrides <a href="#">DbConnectionStringBuilder.Keys</a> .)
 <a href="#">LocalFolder</a>	
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">Location</a>	Gets or sets the current location.
 <a href="#">MaxPoolSize</a>	
 <a href="#">Metadata</a>	Gets or sets the metadata.
 <a href="#">NetworkAddress</a>	Gets or sets the host network address.
 <a href="#">NetworkPort</a>	Gets or sets the host network port.
 <a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.
 <a href="#">OfflineBufferSize</a>	
 <a href="#">Password</a>	Gets or sets the connection string password.
 <a href="#">PCCodePage</a>	Gets or sets the connection string PC code page.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU for the connection string.
 <a href="#">TimeOut</a>	
 <a href="#">UserId</a>	Gets or sets the user ID for the connection string.
 <a href="#">Values</a>	Gets an ICollection that contains the values in the HostFileConnectionStringBuilder.(Overrides <a href="#">DbConnectionStringBuilder.Values</a> .)



















#### Methods

Name	Description
 <a href="#">Add(String, Object)</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">Clear()</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">ClearPropertyDescriptors()</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">ContainsKey(String)</a>	Determines whether the HostFileConnectionStringBuilder contains a specific key. (Overrides <a href="#">DbConnectionStringBuilder.ContainsKey(String)</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">EquivalentTo(DbConnectionStringBuilder)</a>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)



 <b>Remove(String)</b>	Removes the entry with the specified key from the HostFileConnectionStringBuilder instance.(Overrides <a href="#">DbConnectionStringBuilder.Remove(String)</a> .)
 <b>ShouldSerialize(String)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <b>ToString()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
 <b>TryGetValue(String, Object)</b>	Retrieves a value corresponding to the supplied key from this DbConnectionStringBuilder.(Overrides <a href="#">DbConnectionStringBuilder.TryGetValue(String, Object)</a> .)

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<b>ICollection.CopyTo(Array, Int32)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>IDictionary.Add(Object, Object)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>IDictionary.Contains(Object)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>IDictionary.GetEnumerator()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>IDictionary.Remove(Object)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>IEnumerable.GetEnumerator()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetAttributes()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetClassName()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetComponentName()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetConverter()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetDefaultEvent()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetDefaultProperty()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetEditor(Type)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetEvents()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetEvents(Attribute[])</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetProperties()</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetProperties(Attribute[])</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)
	<b>ITypeDescriptor.GetPropertyOwner(PropertyDescriptor)</b>	(Inherited from <a href="#">DbConnectionStringBuilder</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostFileConnectionStringBuilder Members

Creates a strongly-typed connection strings.
































The following tables list the members exposed by the [HostFileConnectionStringBuilder](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileConnectionStringBuilder</a>	Overloaded. Initializes a new instance of the <a href="#">HostFileConnectionStringBuilder</a> class.





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## Public Properties

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the affiliate application associated with the connection string.
 <a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
 <a href="#">AppcMode</a>	Gets or sets the APPC mode.
 <a href="#">BinAsChar</a>	Gets or sets a value that determines if the connection should treat binary data as character data.
 <a href="#">BrowsableConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">CertificateCN</a>	
 <a href="#">ConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Count</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">DataSource</a>	Gets or sets the data source.
 <a href="#">DefaultLibrary</a>	Gets or sets the default library.
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties of the connection string.
 <a href="#">FileName</a>	Gets or sets the name of the file to access.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the HostFileConnectionStringBuilder has a fixed size.
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Item</a>	Overridden. Gets or sets the value associated with the specified key.
 <a href="#">Keys</a>	Overridden. Gets an ICollection that contains the keys in the HostFileConnectionStringBuilder.
 <a href="#">LocalFolder</a>	
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">Location</a>	Gets or sets the current location.
 <a href="#">Metadata</a>	Gets or sets the metadata.
 <a href="#">NetworkAddress</a>	Gets or sets the host network address.
 <a href="#">NetworkPort</a>	Gets or sets the host network port.
 <a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.
 <a href="#">OfflineBufferSize</a>	
 <a href="#">Password</a>	Gets or sets the connection string password.
 <a href="#">PCCodePage</a>	Gets or sets the connection string PC code page.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU for the connection string.
 <a href="#">UserId</a>	Gets or sets the user ID for the connection string.
 <a href="#">Values</a>	Overridden. Gets an ICollection that contains the values in the HostFileConnectionStringBuilder.

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">AppendKeyValuePair</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Clear</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">ContainsKey</a>	Overridden. Determines whether the HostFileConnectionStringBuilder contains a specific key.

	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">EquivalentTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overridden. Removes the entry with the specified key from the HostFileConnectionStringBuilder instance.
	<a href="#">ShouldSerialize</a>	Overridden. Indicates whether the specified key exists in this HostFileConnectionStringBuilder instance.
	<a href="#">ToString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">TryGetValue</a>	Overridden. Retrieves a value corresponding to the supplied key from this DbConnectionStringBuilder.

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#### Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">ClearPropertyDescriptors</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperties</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">System.Collections.ICollection.CopyTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IDictionary.Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IDictionary.Contains</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IDictionary.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IDictionary.Remove</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IEnumerable.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetAttributes</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetClassName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetComponentName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetConverter</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.DefaultEvent</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.DefaultProperty</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEditor</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEvents</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetProperties</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetPropertyOwner</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.ICollection.IsSynchronized</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.ICollection.SyncRoot</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">System.Collections.IDictionary.Item</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

[Top](#)

See Also

#### Reference

[HostFileConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder Constructor

Initializes a new instance of the [HostFileConnectionStringBuilder](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Overload List

Name	Description
 <a href="#">HostFileConnectionStringBuilder()</a>	Initializes a new instance of the <a href="#">HostFileConnectionStringBuilder</a> class.
 <a href="#">HostFileConnectionStringBuilder(String)</a>	Initializes a new instance of the <a href="#">HostFileConnectionStringBuilder</a> class.

See Also

[HostFileConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

**HostFileConnectionStringBuilder Constructor ()**

Initializes a new instance of the [HostFileConnectionStringBuilder](#) class.

Syntax

C#

```
public HostFileConnectionStringBuilder()
```

C++

```
public:  
HostFileConnectionStringBuilder()
```

F#

```
new : unit -> HostFileConnectionStringBuilder
```

VB

```
Public Sub New
```

[Return to top](#)

**HostFileConnectionStringBuilder Constructor (String)**

Initializes a new instance of the [HostFileConnectionStringBuilder](#) class.

Syntax

C#

```
public HostFileConnectionStringBuilder(  
    string connectionString  
)
```

C++

```
public:  
HostFileConnectionStringBuilder(  
    String^ connectionString  
)
```

F#

```
new :  
    connectionString:string -> HostFileConnectionStringBuilder
```

VB

```
Public Sub New (  
    connectionString As String  
)
```

**Parameters**

*connectionString*

Type: [System.String](#)

The connection string to use.

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# HostFileConnectionStringBuilder Constructor ()

Initializes a new instance of the [HostFileConnectionStringBuilder](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileConnectionStringBuilder ()
```

C++

```
public:  
HostFileConnectionStringBuilder ()
```

J#

```
public HostFileConnectionStringBuilder ()
```

JScript

```
public function HostFileConnectionStringBuilder ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder Constructor (String)

Initializes a new instance of the [HostFileConnectionStringBuilder](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public HostFileConnectionStringBuilder (
    string connectionString
)
```

C++

```
public:
HostFileConnectionStringBuilder (
    String^ connectionString
)
```

J#

```
public HostFileConnectionStringBuilder (
    String connectionString
)
```

JScript

```
public function HostFileConnectionStringBuilder (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)





[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">AppendKeyValuePair</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Clear</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">ContainsKey</a>	Overridden. Determines whether the HostFileConnectionStringBuilder contains a specific key.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">EquivalentTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overridden. Removes the entry with the specified key from the HostFileConnectionStringBuilder instance.
	<a href="#">ShouldSerialize</a>	Overridden. Indicates whether the specified key exists in this HostFileConnectionStringBuilder instance.
	<a href="#">ToString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">TryGetValue</a>	Overridden. Retrieves a value corresponding to the supplied key from this DbConnectionStringBuilder.

Protected Methods

	Name	Description
	<a href="#">ClearPropertyDescriptors</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperties</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.ICollection.CopyTo</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Add</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Contains</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Remove</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IEnumerable.GetEnumerator</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetAttributes</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetClassName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetComponentName</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetConverter</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultEvent</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetDefaultProperty</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEditor</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetEvents</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetProperties</a>	Overloaded. (inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.ComponentModel.ICustomTypeDescriptor.GetPropertyOwner</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder.ContainsKey Method

Determines whether the HostFileConnectionStringBuilder contains a specific key.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ContainsKey ( _
    keyword As String _
) As Boolean
```

C#

```
public override bool ContainsKey (
    string keyword
)
```

C++

```
public:
virtual bool ContainsKey (
    String^ keyword
) override
```

J#

```
public boolean ContainsKey (
    String keyword
)
```

JScript

```
public override function ContainsKey (
    keyword : String
) : boolean
```

## Parameters

keyword

The key to locate in the HostFileConnectionStringBuilder.

## Return Value

**true** if the HostFileConnectionStringBuilder contains an entry with the specified key; otherwise **false**.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Remove Method

Removes the entry with the specified key from the HostFileConnectionStringBuilder instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Remove ( _
    keyword As String _
) As Boolean
```

C#

```
public override bool Remove (
    string keyword
)
```

C++

```
public:
virtual bool Remove (
    String^ keyword
) override
```

J#

```
public boolean Remove (
    String keyword
)
```

JScript

```
public override function Remove (
    keyword : String
) : boolean
```

## Parameters

keyword

The key of the key/value pair to be removed from the connection string in this HostFileConnectionStringBuilder.

## Return Value

**true** if the key existed within the connection string and was removed; **false** if the key did not exist.

Remarks

Because the Remove method returns a value that indicates its success, it is not required to look for the key before trying to remove the key/value pair from the HostFileConnectionStringBuilder instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)



# HostFileConnectionStringBuilder.ShouldSerialize Method

Indicates whether the specified key exists in this HostFileConnectionStringBuilder instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function ShouldSerialize ( _
    keyword As String _
) As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool ShouldSerialize (
    string keyword
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual bool ShouldSerialize (
    String^ keyword
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public boolean ShouldSerialize (
    String keyword
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function ShouldSerialize (
    keyword : String
) : boolean
```

## Parameters

keyword

The key to locate in the DbConnectionStringBuilder.

## Return Value

**true** if the DbConnectionStringBuilder contains an entry with the specified key; otherwise **false**.

Remarks

This method behaves identically to the ContainsKey method.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.TryGetValue Method

Retrieves a value corresponding to the supplied key from this DbConnectionStringBuilder.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function TryGetValue ( _
    keyword As String, _
    <OutAttribute> ByRef value As Object _
) As Boolean
```

C#

```
public override bool TryGetValue (
    string keyword,
    out Object value
)
```

C++

```
public:
virtual bool TryGetValue (
    String^ keyword,
    [OutAttribute] Object^% value
) override
```

J#

```
public boolean TryGetValue (
    String keyword,
    /** @attribute OutAttribute() */ /** @ref */ Object value
)
```

JScript

## Parameters

keyword

The key of the item to retrieve.

value

The value corresponding to the key.

## Return Value

**true** if keyword was found within the connection string; otherwise, **false**.

Remarks

The TryGetValue method lets developers safely retrieve a value from a HostFileConnectionStringBuilder without needing to first call the ContainsKey method. Because TryGetValue does not raise an exception when you call it, passing in a nonexistent key, you do not have to look for a key before retrieving its value. Calling TryGetValue with a nonexistent key will place the null value (Nothing in Visual Basic) in the value parameter.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**
























[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder Properties

## Public Properties

Name	Description
 <a href="#">AffiliateApplication</a>	Gets or sets the affiliate application associated with the connection string.
 <a href="#">AlternateTPName</a>	Gets or sets the alternate TP name.
 <a href="#">AppcMode</a>	Gets or sets the APPC mode.
 <a href="#">BinAsChar</a>	Gets or sets a value that determines if the connection should treat binary data as character data.
 <a href="#">BrowsableConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">CertificateCN</a>	
 <a href="#">ConnectionString</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Count</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">DataSource</a>	Gets or sets the data source.
 <a href="#">DefaultLibrary</a>	Gets or sets the default library.
 <a href="#">ExtendedProperties</a>	Gets or sets the extended properties of the connection string.
 <a href="#">FileName</a>	Gets or sets the name of the file to access.
 <a href="#">HostCCSID</a>	Gets or sets the host CCSID.
 <a href="#">IntegratedSecurity</a>	Gets or sets the integrated security.
 <a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the HostFileConnectionStringBuilder has a fixed size.
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
 <a href="#">Item</a>	Overridden. Gets or sets the value associated with the specified key.
 <a href="#">Keys</a>	Overridden. Gets an ICollection that contains the keys in the HostFileConnectionStringBuilder.
 <a href="#">LocalFolder</a>	
 <a href="#">LocalLU</a>	Gets or sets the local LU.
 <a href="#">Location</a>	Gets or sets the current location.
 <a href="#">Metadata</a>	Gets or sets the metadata.
 <a href="#">NetworkAddress</a>	Gets or sets the host network address.
 <a href="#">NetworkPort</a>	Gets or sets the host network port.
 <a href="#">NetworkTransportLibrary</a>	Gets or sets the network transport library.
 <a href="#">OfflineBufferSize</a>	
 <a href="#">Password</a>	Gets or sets the connection string password.
 <a href="#">PCCodePage</a>	Gets or sets the connection string PC code page.
 <a href="#">RemoteLU</a>	Gets or sets the remote LU for the connection string.
 <a href="#">UserId</a>	Gets or sets the user ID for the connection string.
 <a href="#">Values</a>	Overridden. Gets an ICollection that contains the values in the HostFileConnectionStringBuilder.

## Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.ICollection.IsSynchronized</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.ICollection.SyncRoot</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )
<a href="#">System.Collections.IDictionary.Item</a>	(inherited from <a href="#">DbConnectionStringBuilder</a> )

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder.AffiliateApplication Property

Gets or sets the affiliate application associated with the connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Affiliate Application")> _
Public Property AffiliateApplication As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Affiliate Application")]
public string AffiliateApplication { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Affiliate Application")]
public:
property String^ AffiliateApplication {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_AffiliateApplication ()

/** @property */
public void set_AffiliateApplication (String value)
```

JScript

```
public function get AffiliateApplication () : String

public function set AffiliateApplication (value : String)
```

## Property Value

The affiliate application associated with the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.AlternateTPName Property

Gets or sets the alternate TP name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Alternate TP Name")> _
Public Property AlternateTPName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Alternate TP Name")]
public string AlternateTPName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Alternate TP Name")]
public:
property String^ AlternateTPName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AlternateTPName ()

/** @property */
public void set_AlternateTPName (String value)
```

JScript

```
public function get AlternateTPName () : String

public function set AlternateTPName (value : String)
```

## Property Value

The alternate TP name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.AppcMode Property

Gets or sets the APPC mode.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("APPC Mode Name")> _
Public Property AppcMode As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("APPC Mode Name")]
public string AppcMode { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"APPC Mode Name")]
public:
property String^ AppcMode {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_AppcMode ()

/** @property */
public void set_AppcMode (String value)
```

JScript

```
public function get AppcMode () : String

public function set AppcMode (value : String)
```

## Property Value

The APPC mode.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.BinAsChar Property

Gets or sets a value that determines if the connection should treat binary data as character data.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Process Binary as Character")> _
Public Property BinAsChar As Boolean
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Process Binary as Character")]
public bool BinAsChar { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Process Binary as Character")]
public:
property bool BinAsChar {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_BinAsChar ()

/** @property */
public void set_BinAsChar (boolean value)
```

JScript

```
public function get BinAsChar () : boolean

public function set BinAsChar (value : boolean)
```

## Property Value

**True** to treat binary data as character data; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.CertificateCN Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("CertificateCN")> _
Public Property CertificateCN As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("CertificateCN")]
public string CertificateCN { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"CertificateCN")]
public:
property String^ CertificateCN {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_CertificateCN ()

/** @property */
public void set_CertificateCN (String value)
```

JScript

```
public function get CertificateCN () : String

public function set CertificateCN (value : String)
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.DataSource Property

Gets or sets the data source.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Data Source")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property DataSource As String
```

C#

```
[DisplayNameAttribute("Data Source")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string DataSource { get; set; }
```

C++

```
[DisplayNameAttribute(L"Data Source")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ DataSource {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DataSource ()

/** @property */
public void set_DataSource (String value)
```

JScript

```
public function get DataSource () : String

public function set DataSource (value : String)
```

## Property Value

The data source.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.DefaultLibrary Property

Gets or sets the default library.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Default Library")> _
Public Property DefaultLibrary As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Default Library")]
public string DefaultLibrary { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Default Library")]
public:
property String^ DefaultLibrary {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DefaultLibrary ()

/** @property */
public void set_DefaultLibrary (String value)
```

JScript

```
public function get DefaultLibrary () : String

public function set DefaultLibrary (value : String)
```

## Property Value

The default library.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.ExtendedProperties Property

Gets or sets the extended properties of the connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Extended Properties")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property ExtendedProperties As String
```

C#

```
[DisplayNameAttribute("Extended Properties")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string ExtendedProperties { get; set; }
```

C++

```
[DisplayNameAttribute(L"Extended Properties")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ ExtendedProperties {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ExtendedProperties ()

/** @property */
public void set_ExtendedProperties (String value)
```

JScript

```
public function get ExtendedProperties () : String

public function set ExtendedProperties (value : String)
```

## Property Value

The extended properties of the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder.FileName Property

Gets or sets the name of the file to access.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("File Name")> _
Public Property FileName As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("File Name")]
public string FileName { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"File Name")]
public:
property String^ FileName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_FileName ()

/** @property */
public void set_FileName (String value)
```

JScript

```
public function get FileName () : String

public function set FileName (value : String)
```

## Property Value

The name of the file to access with the current connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.HostCCSID Property

Gets or sets the host CCSID.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Host CCSID")> _
Public Property HostCCSID As Integer
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Host CCSID")]
public int HostCCSID { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Host CCSID")]
public:
property int HostCCSID {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCCSID ()

/** @property */
public void set_HostCCSID (int value)
```

JScript

```
public function get HostCCSID () : int

public function set HostCCSID (value : int)
```

## Property Value

The host CCSID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.IntegratedSecurity Property

Gets or sets the integrated security.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Integrated Security")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property IntegratedSecurity As String
```

C#

```
[DisplayNameAttribute("Integrated Security")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string IntegratedSecurity { get; set; }
```

C++

```
[DisplayNameAttribute(L"Integrated Security")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ IntegratedSecurity {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_IntegratedSecurity ()

/** @property */
public void set_IntegratedSecurity (String value)
```

JScript

```
public function get IntegratedSecurity () : String

public function set IntegratedSecurity (value : String)
```

## Property Value

The current type of integrated security.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.IsFixedSize Property

Gets a value that indicates whether the HostFileConnectionStringBuilder has a fixed size.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsFixedSize As Boolean
```

C#

```
public override bool IsFixedSize { get; }
```

C++

```
public:
virtual property bool IsFixedSize {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsFixedSize ()
```

JScript

```
public override function get IsFixedSize () : boolean
```

## Property Value

**true** if the DbConnectionStringBuilder has a fixed size; otherwise **false**.

Remarks

fixed-size collection does not allow adding or removing elements after the collection is created, but it does allow modifying existing elements.

A fixed-size collection is just a collection with a wrapper that prevents adding and removing elements; therefore, if changes are made to the underlying collection, including adding or removing elements, the fixed-size collection reflects those changes

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Item Property

Gets or sets the value associated with the specified key.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Default Property Item ( _
    keyword As String _
) As Object
```

C#

```
public override Object this [
    string keyword
] { get; set; }
```

C++

```
public:
virtual property Object^ default [String^] {
    Object^ get (String^ keyword) override;
    void set (String^ keyword, Object^ value) override;
}
```

J#

```
/** @property */
public Object get_Item (String keyword)

/** @property */
public void set_Item (String keyword, Object value)
```

JScript

## Parameters

keyword

The key of the item to get or set.

## Property Value

The value associated with the specified key. If the specified key is not found, trying to get it returns a null reference (Nothing in Visual Basic), and trying to set it creates a new element using the specified key. Passing a null (Nothing in Visual Basic) key throws an `ArgumentNullException`. Assigning a null value removes the key/value pair.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Keys Property

Gets an ICollection that contains the keys in the HostFileConnectionStringBuilder.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Keys As ICollection
```

C#

```
public override ICollection Keys { get; }
```

C++

```
public:
virtual property ICollection^ Keys {
    ICollection^ get () override;
}
```

J#

```
/** @property */
public ICollection get_Keys ()
```

JScript

```
public override function get Keys () : ICollection
```

## Property Value

An ICollection that contains the keys in the HostFileConnectionStringBuilder.

Remarks

The order of the values in the ICollection is unspecified, but it is the same order as the associated values in the ICollection returned by the Values property.

The returned ICollection is not a static copy; instead, the ICollection refers back to the keys in the original HostFileConnectionStringBuilder. Therefore, changes to the HostFileConnectionStringBuilder are reflected in the ICollection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.LocalFolder Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Local Folder")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property LocalFolder As String
```

C#

```
[DisplayNameAttribute("Local Folder")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string LocalFolder { get; set; }
```

C++

```
[DisplayNameAttribute(L"Local Folder")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ LocalFolder {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalFolder ()

/** @property */
public void set_LocalFolder (String value)
```

JScript

```
public function get LocalFolder () : String

public function set LocalFolder (value : String)
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.LocalLU Property

Gets or sets the local LU.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("APPC Local LU Alias")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property LocalLU As String
```

C#

```
[DisplayNameAttribute("APPC Local LU Alias")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string LocalLU { get; set; }
```

C++

```
[DisplayNameAttribute(L"APPC Local LU Alias")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ LocalLU {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LocalLU ()

/** @property */
public void set_LocalLU (String value)
```

JScript

```
public function get LocalLU () : String

public function set LocalLU (value : String)
```

## Property Value

The local LU.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder.Location Property

Gets or sets the current location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Location")> _
Public Property Location As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Location")]
public string Location { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Location")]
public:
property String^ Location {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Location ()

/** @property */
public void set_Location (String value)
```

JScript

```
public function get Location () : String

public function set Location (value : String)
```

## Property Value

The current location.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Metadata Property

Gets or sets the metadata.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Metadata")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property Metadata As String
```

C#

```
[DisplayNameAttribute("Metadata")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string Metadata { get; set; }
```

C++

```
[DisplayNameAttribute(L"Metadata")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ Metadata {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Metadata ()

/** @property */
public void set_Metadata (String value)
```

JScript

```
public function get Metadata () : String

public function set Metadata (value : String)
```

## Property Value

The metadata.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.NetworkAddress Property

Gets or sets the host network address.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Network Address")> _
Public Property NetworkAddress As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Network Address")]
public string NetworkAddress { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Network Address")]
public:
property String^ NetworkAddress {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkAddress ()

/** @property */
public void set_NetworkAddress (String value)
```

JScript

```
public function get NetworkAddress () : String

public function set NetworkAddress (value : String)
```

## Property Value

A string containing the network address of the host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.NetworkPort Property

Gets or sets the host network port.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Network Port")> _
Public Property NetworkPort As Integer
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Network Port")]
public int NetworkPort { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Network Port")]
public:
property int NetworkPort {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_NetworkPort ()

/** @property */
public void set_NetworkPort (int value)
```

JScript

```
public function get NetworkPort () : int

public function set NetworkPort (value : int)
```

## Property Value

The host network port.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.NetworkTransportLibrary Property

Gets or sets the network transport library.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("Network Transport Library")> _
Public Property NetworkTransportLibrary As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("Network Transport Library")]
public string NetworkTransportLibrary { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"Network Transport Library")]
public:
property String^ NetworkTransportLibrary {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NetworkTransportLibrary ()

/** @property */
public void set_NetworkTransportLibrary (String value)
```

JScript

```
public function get NetworkTransportLibrary () : String

public function set NetworkTransportLibrary (value : String)
```

## Property Value

The name of the network transport library.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileConnectionStringBuilder.OfflineBufferSize Property

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("Offline Buffer Size")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property OfflineBufferSize As Integer
```

C#

```
[DisplayNameAttribute("Offline Buffer Size")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int OfflineBufferSize { get; set; }
```

C++

```
[DisplayNameAttribute(L"Offline Buffer Size")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int OfflineBufferSize {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_OfflineBufferSize ()

/** @property */
public void set_OfflineBufferSize (int value)
```

JScript

```
public function get OfflineBufferSize () : int

public function set OfflineBufferSize (value : int)
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Password Property

Gets or sets the connection string password.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<PasswordPropertyTextAttribute(True)> _
<DisplayNameAttribute("Password")> _
Public Property Password As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[PasswordPropertyTextAttribute(true)]
[DisplayNameAttribute("Password")]
public string Password { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[PasswordPropertyTextAttribute(true)]
[DisplayNameAttribute(L"Password")]
public:
property String^ Password {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Password ()

/** @property */
public void set_Password (String value)
```

JScript

```
public function get Password () : String

public function set Password (value : String)
```

## Property Value

The connection string password.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)





# HostFileConnectionStringBuilder.PCCodePage Property

Gets or sets the connection string PC code page.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("PC Code Page")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property PCCodePage As Integer
```

C#

```
[DisplayNameAttribute("PC Code Page")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public int PCCodePage { get; set; }
```

C++

```
[DisplayNameAttribute(L"PC Code Page")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property int PCCodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_PCCodePage ()

/** @property */
public void set_PCCodePage (int value)
```

JScript

```
public function get PCCodePage () : int

public function set PCCodePage (value : int)
```

## Property Value

The PC code page used in the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.RemoteLU Property

Gets or sets the remote LU for the connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<RefreshPropertiesAttribute(RefreshProperties.All)> _
<DisplayNameAttribute("APPC Remote LU Alias")> _
Public Property RemoteLU As String
```

C#

```
[RefreshPropertiesAttribute(RefreshProperties.All)]
[DisplayNameAttribute("APPC Remote LU Alias")]
public string RemoteLU { get; set; }
```

C++

```
[RefreshPropertiesAttribute(RefreshProperties::All)]
[DisplayNameAttribute(L"APPC Remote LU Alias")]
public:
property String^ RemoteLU {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteLU ()

/** @property */
public void set_RemoteLU (String value)
```

JScript

```
public function get RemoteLU () : String

public function set RemoteLU (value : String)
```

## Property Value

The remote LU to use for the connection string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.UserId Property

Gets or sets the user ID for the connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DisplayNameAttribute("User ID")> _
<RefreshPropertiesAttribute(RefreshProperties.All)> _
Public Property UserId As String
```

C#

```
[DisplayNameAttribute("User ID")]
[RefreshPropertiesAttribute(RefreshProperties.All)]
public string UserId { get; set; }
```

C++

```
[DisplayNameAttribute(L"User ID")]
[RefreshPropertiesAttribute(RefreshProperties::All)]
public:
property String^ UserId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserId ()

/** @property */
public void set_UserId (String value)
```

JScript

```
public function get UserId () : String

public function set UserId (value : String)
```

## Property Value

The user ID for the connection string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileConnectionStringBuilder.Values Property

Gets an ICollection that contains the values in the HostFileConnectionStringBuilder.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Values As ICollection
```

C#

```
public override ICollection Values { get; }
```

C++

```
public:
virtual property ICollection^ Values {
    ICollection^ get () override;
}
```

J#

```
/** @property */
public ICollection get_Values ()
```

JScript

```
public override function get Values () : ICollection
```

## Property Value

An ICollection that contains the values in the HostFileConnectionStringBuilder.

Remarks

The order of the values in the ICollection is unspecified, but it is the same order as the associated keys in the ICollection returned by the Keys method.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileConnectionStringBuilder Class](#)

[HostFileConnectionStringBuilder Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Class

Represents a set of data commands and a host connection that are used to fill the DataSet and update host files.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.ComponentModel.Component](#)

[System.Data.Common.DataAdapter](#)

[System.Data.Common.DbDataAdapter](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileDataAdapter**

Syntax

C#

```
public sealed class HostFileDataAdapter : DbDataAdapter
```

C++

```
public ref class HostFileDataAdapter sealed : DbDataAdapter
```





F#

```
[<Sealed>]
type HostFileDataAdapter =
    class
        inherit DbDataAdapter
    end
```






VB












```
Public NotInheritable Class HostFileDataAdapter
    Inherits DbDataAdapter
```

Constructors













Name	Description
 <a href="#">HostFileDataAdapter()</a>	Initializes a new instance of the <b>HostFileDataAdapter</b> class.
 <a href="#">HostFileDataAdapter(HostFileCommand)</a>	Initializes a new instance of the <b>HostFileDataAdapter</b> class using the specified select command.
 <a href="#">HostFileDataAdapter(String, HostFileConnection)</a>	Initializes a new instance of the <b>HostFileDataAdapter</b> class using the specified select command text and connection.
 <a href="#">HostFileDataAdapter(String, String)</a>	Initializes a new instance of the <b>HostFileDataAdapter</b> class using the specified select command text and connection string.




Properties

Name	Description
 <a href="#">AcceptChangesDuringFill</a>	(Inherited from <a href="#">DataAdapter</a> .)
 <a href="#">AcceptChangesDuringUpdate</a>	(Inherited from <a href="#">DataAdapter</a> .)
 <a href="#">Container</a>	(Inherited from <a href="#">Component</a> .)
 <a href="#">ContinueUpdateOnError</a>	(Inherited from <a href="#">DataAdapter</a> .)
 <a href="#">DeleteCommand</a>	(Inherited from <a href="#">DbDataAdapter</a> .)



 FillCommandBehavior	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillLoadOption	(Inherited from <a href="#">DataAdapter</a> .)
 InsertCommand	(Inherited from <a href="#">DbDataAdapter</a> .)
 MissingMappingAction	(Inherited from <a href="#">DataAdapter</a> .)
 MissingSchemaAction	(Inherited from <a href="#">DataAdapter</a> .)
 ReturnProviderSpecificTypes	(Inherited from <a href="#">DataAdapter</a> .)
 SelectCommand	Gets or sets the host file select command.
 Site	(Inherited from <a href="#">Component</a> .)
 TableMappings	(Inherited from <a href="#">DataAdapter</a> .)
 UpdateBatchSize	(Inherited from <a href="#">DbDataAdapter</a> .)
 UpdateCommand	(Inherited from <a href="#">DbDataAdapter</a> .)

#### Methods


Name	Description
 CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject</a> .)
 Dispose()	(Inherited from <a href="#">Component</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 Fill(DataSet)	Adds or refreshes rows in the DataSet to match those in the data source using the specified DataSet name.(Overrides <a href="#">DbDataAdapter.Fill(DataSet)</a> .)
 Fill(DataSet, Int32, Int32, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(DataSet, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(DataTable)	(Inherited from <a href="#">DbDataAdapter</a> .)
 Fill(Int32, Int32, DataTable[])	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillSchema(DataSet, SchemaType)	Adds a DataTable named "Table" to the specified DataSet and configures the schema to match that in the data source based on the specified SchemaType.(Override s <a href="#">DbDataAdapter.FillSchema(DataSet, SchemaType)</a> .)
 FillSchema(DataSet, SchemaType, String)	(Inherited from <a href="#">DbDataAdapter</a> .)
 FillSchema(DataTable, SchemaType)	(Inherited from <a href="#">DbDataAdapter</a> .)
 GetFillParameters()	(Inherited from <a href="#">DbDataAdapter</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 InitializeLifetimeService()	(Inherited from <a href="#">MarshalByRefObject</a> .)
 ToString()	(Inherited from <a href="#">Component</a> .)
 Update(DataRow[])	(Inherited from <a href="#">DbDataAdapter</a> .)

	<a href="#">Update(DataSet)</a>	Calls the respective INSERT, UPDATE, or DELETE statements for each inserted, updated, or deleted row in the specified DataSet.(Overrides <a href="#">DbDataAdapter.Update(DataSet).</a> )
	<a href="#">Update(DataSet, String)</a>	(Inherited from <a href="#">DbDataAdapter.</a> )
	<a href="#">Update(DataTable)</a>	(Inherited from <a href="#">DbDataAdapter.</a> )

#### Events

Name	Description
 <a href="#">Disposed</a>	(Inherited from <a href="#">Component.</a> )
 <a href="#">FillError</a>	(Inherited from <a href="#">DataAdapter.</a> )

#### Explicit Interface Implementations

Name	Description
 <a href="#">ICloneable.Clone()</a>	(Inherited from <a href="#">DbDataAdapter.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostFileDataAdapter Members

Represents a set of data commands and a host connection that are used to fill the DataSet and update host files.


The following tables list the members exposed by the [HostFileDataAdapter](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileDataAdapter</a>	Overloaded. Initializes a new instance of the <a href="#">HostFileDataAdapter</a> class.
















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## Public Fields

Name	Description
 <a href="#">DefaultSourceTableName</a>	(inherited from <a href="#">DbDataAdapter</a> )





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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">AcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">AcceptChangesDuringUpdate</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">Container</a>	(inherited from <a href="#">Component</a> )
 <a href="#">ContinueUpdateOnError</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">FillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">MissingMappingAction</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">MissingSchemaAction</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">ReturnProviderSpecificTypes</a>	Overridden. Gets or sets a value that indicates whether the host returns provider-specific types.
 <a href="#">SelectCommand</a>	Gets or sets the host file select command.
 <a href="#">Site</a>	(inherited from <a href="#">Component</a> )
 <a href="#">TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
 <a href="#">UpdateBatchSize</a>	Overridden. Gets or sets the batch size.
 <a href="#">UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )












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## Protected Properties

Name	Description
 <a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
 <a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
 <a href="#">Events</a>	(inherited from <a href="#">Component</a> )
 <a href="#">FillCommandBehavior</a>	(inherited from <a href="#">DbDataAdapter</a> )

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">Fill</a>	Overloaded. Overridden. Fills the specified data.
 <a href="#">FillSchema</a>	Overloaded. Overridden. Adds a DataTable to a DataSet and configures the schema to match that in the data source.
 <a href="#">GetFillParameters</a>	(inherited from <a href="#">DbDataAdapter</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )

	<a href="#">ResetFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeAcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	Overloaded.



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#### Protected Methods

	Name	Description
	<a href="#">AddToBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ClearBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CloneInternals</a>	<b>Obsolete.</b> (inherited from <a href="#">DataAdapter</a> )
	<a href="#">CreateRowUpdatedEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateRowUpdatingEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ExecuteBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetBatchedParameter</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetBatchedRecordsAffected</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">HasTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InitializeBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnFillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">OnRowUpdated</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">OnRowUpdating</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ShouldSerializeTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">TerminateBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )

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#### Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillError</a>	(inherited from <a href="#">DataAdapter</a> )

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#### Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDataAdapter.TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.SelectCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
<a href="#">System.Data.IDbDataAdapter.UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )

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See Also


#### Reference

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Fields

Public Fields

	Name	Description
	<a href="#">DefaultSourceTableName</a>	(inherited from <a href="#">DbDataAdapter</a> )

See Also

Reference

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# HostFileDataAdapter Constructor

Initializes a new instance of the [HostFileDataAdapter](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

### Overload List

Name	Description
 <a href="#">HostFileDataAdapter()</a>	Initializes a new instance of the <a href="#">HostFileDataAdapter</a> class.
 <a href="#">HostFileDataAdapter(HostFileCommand)</a>	Initializes a new instance of the <a href="#">HostFileDataAdapter</a> class using the specified select command.
 <a href="#">HostFileDataAdapter(String, HostFileConnection)</a>	Initializes a new instance of the <a href="#">HostFileDataAdapter</a> class using the specified select command text and connection.
 <a href="#">HostFileDataAdapter(String, String)</a>	Initializes a new instance of the <a href="#">HostFileDataAdapter</a> class using the specified select command text and connection string.

### See Also

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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### HostFileDataAdapter Constructor ()

Initializes a new instance of the [HostFileDataAdapter](#) class.

### Syntax

C#

```
public HostFileDataAdapter()
```

C++

```
public:  
HostFileDataAdapter()
```

F#

```
new : unit -> HostFileDataAdapter
```

VB

```
Public Sub New
```

### Remarks

When you create an instance of [HostFileDataAdapter](#), the `SelectCommand` is set to a new [HostFileCommand](#).

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### HostFileDataAdapter Constructor (HostFileCommand)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command.

### Syntax

C#

```
public HostFileDataAdapter(  
    HostFileCommand selectCommand  
)
```

C++

```
public:
```

```
HostFileDataAdapter(  
    HostFileCommand^ selectCommand  
)
```

F#

```
new :  
    selectCommand:HostFileCommand -> HostFileDataAdapter
```

VB

```
Public Sub New (  
    selectCommand As HostFileCommand  
)
```

#### Parameters

*selectCommand*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileCommand](#)

The select command to use.

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#### HostFileDataAdapter Constructor (String, HostFileConnection)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command text and connection.

Syntax

C#

```
public HostFileDataAdapter(  
    string selectCommandText,  
    HostFileConnection selectConnection  
)
```

C++

```
public:  
HostFileDataAdapter(  
    String^ selectCommandText,  
    HostFileConnection^ selectConnection  
)
```

F#

```
new :  
    selectCommandText:string *  
    selectConnection:HostFileConnection -> HostFileDataAdapter
```

VB

```
Public Sub New (  
    selectCommandText As String,  
    selectConnection As HostFileConnection  
)
```

#### Parameters

*selectCommandText*

Type: [System.String](#)

The select command text to use.

*selectConnection*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileConnection](#)

The host file connection to use.

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#### HostFileDataAdapter Constructor (String, String)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command text and connection string.

## Syntax

### C#

```
public HostFileDataAdapter(  
    string selectCommandText,  
    string selectConnectionString  
)
```

### C++

```
public:  
HostFileDataAdapter(  
    String^ selectCommandText,  
    String^ selectConnectionString  
)
```

### F#

```
new :  
    selectCommandText:string *  
    selectConnectionString:string -> HostFileDataAdapter
```

### VB

```
Public Sub New (  
    selectCommandText As String,  
    selectConnectionString As String  
)
```

## Parameters

*selectCommandText*

Type: [System.String](#)

The command text to use.

*selectConnectionString*

Type: [System.String](#)

The connection string to use.

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# HostFileDataAdapter Constructor ()

Initializes a new instance of the [HostFileDataAdapter](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileDataAdapter ()
```

C++

```
public:  
HostFileDataAdapter ()
```

J#

```
public HostFileDataAdapter ()
```

JScript

```
public function HostFileDataAdapter ()
```

Remarks

When you create an instance of HostFileDataAdapter, the SelectCommand is set to a new HostFileCommand.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Constructor (HostFileCommand)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    selectCommand As HostFileCommand _
)
```

C#

```
public HostFileDataAdapter (
    HostFileCommand selectCommand
)
```

C++

```
public:
HostFileDataAdapter (
    HostFileCommand^ selectCommand
)
```

J#

```
public HostFileDataAdapter (
    HostFileCommand selectCommand
)
```

JScript

```
public function HostFileDataAdapter (
    selectCommand : HostFileCommand
)
```

## Parameters

selectCommand

The select command to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileDataAdapter Constructor (String, HostFileConnection)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command text and connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    selectCommandText As String, _
    selectConnection As HostFileConnection _
)
```

C#

```
public HostFileDataAdapter (
    string selectCommandText,
    HostFileConnection selectConnection
)
```

C++

```
public:
HostFileDataAdapter (
    String^ selectCommandText,
    HostFileConnection^ selectConnection
)
```

J#

```
public HostFileDataAdapter (
    String selectCommandText,
    HostFileConnection selectConnection
)
```

JScript

```
public function HostFileDataAdapter (
    selectCommandText : String,
    selectConnection : HostFileConnection
)
```

## Parameters

selectCommandText

The select command text to use.

selectConnection

The host file connection to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Constructor (String, String)

Initializes a new instance of the [HostFileDataAdapter](#) class using the specified select command text and connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    selectCommandText As String, _
    selectConnectionString As String _
)
```

C#

```
public HostFileDataAdapter (
    string selectCommandText,
    string selectConnectionString
)
```

C++

```
public:
HostFileDataAdapter (
    String^ selectCommandText,
    String^ selectConnectionString
)
```

J#

```
public HostFileDataAdapter (
    String selectCommandText,
    String selectConnectionString
)
```

JScript

```
public function HostFileDataAdapter (
    selectCommandText : String,
    selectConnectionString : String
)
```

## Parameters

selectCommandText

The command text to use.

selectConnectionString

The connection string to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)
























[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Fill</a>	Overloaded. Overridden. Fills the specified data.
	<a href="#">FillSchema</a>	Overloaded. Overridden. Adds a DataTable to a DataSet and configures the schema to match that in the data source.
	<a href="#">GetFillParameters</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ResetFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeAcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ShouldSerializeFillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Update</a>	Overloaded.

Protected Methods

	Name	Description
	<a href="#">AddToBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ClearBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CloneInternals</a>	<b>Obsolete.</b> (inherited from <a href="#">DataAdapter</a> )
	<a href="#">CreateRowUpdatedEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateRowUpdatingEvent</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">CreateTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ExecuteBatch</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Fill</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillSchema</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Component</a> )
	<a href="#">GetBatchedParameter</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetBatchedRecordsAffected</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">GetService</a>	(inherited from <a href="#">Component</a> )
	<a href="#">HasTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InitializeBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">OnFillError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">OnRowUpdated</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">OnRowUpdating</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">ShouldSerializeTableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">TerminateBatching</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">Update</a>	Overloaded. (inherited from <a href="#">DbDataAdapter</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.ICloneable.Clone</a>	(inherited from <a href="#">DbDataAdapter</a> )

See Also

**Reference**

HostFileDataAdapter Class






Microsoft.HostIntegration.MsHostFileClient Namespace

# HostFileDataAdapter.Fill Method

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">Fill(DataSet)</a>	Adds or refreshes rows in the DataSet to match those in the data source using the specified DataSet name.(Overrides <a href="#">DbDataAdapter.Fill(DataSet)</a> .)
 <a href="#">Fill(DataSet, Int32, Int32, String)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
 <a href="#">Fill(DataSet, String)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
 <a href="#">Fill(DataTable)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
 <a href="#">Fill(Int32, Int32, DataTable[])</a>	(Inherited from <a href="#">DbDataAdapter</a> .)

## See Also

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileDataAdapter.Fill Method (DataSet)

Adds or refreshes rows in the DataSet to match those in the data source using the specified DataSet name.

## Syntax

C#

```
public override int Fill(  
    DataSet dataSet  
)
```

C++

```
public:  
virtual int Fill(  
    DataSet^ dataSet  
) override
```

F#

```
override Fill :  
    dataSet:DataSet -> int
```

VB

```
Public Overrides Function Fill (  
    dataSet As DataSet  
) As Integer
```

## Parameters

*dataSet*

Type: [System.Data.DataSet](#)

The data set to fill.

## Return Value

Type: [System.Int32](#)

The number of rows successfully added to or refreshed in the DataSet. This does not include rows affected by statements that do not return rows.

## Implements

[IDataAdapter.Fill\(DataSet\) IDataAdapter.Fill\(DataSet\)](#)  
[Return to top](#)

# HostFileDataAdapter.Fill Method (DataSet)

Adds or refreshes rows in the DataSet to match those in the data source using the specified DataSet name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Fill ( _
    dataSet As DataSet _
) As Integer
```

C#

```
public override int Fill (
    DataSet dataSet
)
```

C++

```
public:
virtual int Fill (
    DataSet^ dataSet
) override
```

J#

```
public int Fill (
    DataSet dataSet
)
```

JScript

```
public override function Fill (
    dataSet : DataSet
) : int
```

## Parameters

dataSet

The data set to fill.

## Return Value

The number of rows successfully added to or refreshed in the DataSet. This does not include rows affected by statements that do not return rows.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileDataAdapter Class](#)




[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter.FillSchema Method

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Overload List

Name	Description
 <a href="#">FillSchema(DataSet, SchemaType)</a>	Adds a DataTable named "Table" to the specified DataSet and configures the schema to match that in the data source based on the specified SchemaType.(Override s <a href="#">DbDataAdapter.FillSchema(DataSet, SchemaType).</a> )
 <a href="#">FillSchema(DataSet, SchemaType, String)</a>	(Inherited from <a href="#">DbDataAdapter.</a> )
 <a href="#">FillSchema(DataTable, SchemaType)</a>	(Inherited from <a href="#">DbDataAdapter.</a> )

See Also  
[HostFileDataAdapter Class](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

**HostFileDataAdapter.FillSchema Method (DataSet, SchemaType)**

Adds a DataTable named "Table" to the specified DataSet and configures the schema to match that in the data source based on the specified SchemaType.

Syntax

```
C#  
  
public override DataTable[] FillSchema(  
    DataSet dataSet,  
    SchemaType schemaType  
)
```

```
C++  
  
public:  
virtual array<DataTable^>^ FillSchema(  
    DataSet^ dataSet,  
    SchemaType schemaType  
) override
```

```
F#  
  
override FillSchema :  
    dataSet:DataSet *  
    schemaType:SchemaType -> DataTable[]
```

```
VB  
  
Public Overrides Function FillSchema (  
    dataSet As DataSet,  
    schemaType As SchemaType  
) As DataTable()
```

**Parameters**

*dataSet*  
Type: [System.Data.DataSet](#)  
A DataSet to insert the schema in.

*schemaType*  
Type: [System.Data.SchemaType](#)  
The SchemaType values that specifies how to insert the schema.



**Return Value**

Type: [System.Data.DataTable](#)

A reference to a collection of DataTable objects that were added to the DataSet.

**Implements**

[IDataAdapter.FillSchema\(DataSet, SchemaType\)](#) [IDataAdapter.FillSchema\(DataSet, SchemaType\)](#)

[Return to top](#)

# HostFileDataAdapter.FillSchema Method (DataSet, SchemaType)

Adds a DataTable named "Table" to the specified DataSet and configures the schema to match that in the data source based on the specified SchemaType.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function FillSchema ( _
    dataSet As DataSet, _
    schemaType As SchemaType _
) As DataTable()
```

C#

```
public override DataTable[] FillSchema (
    DataSet dataSet,
    SchemaType schemaType
)
```

C++

```
public:
virtual array<DataTable^>^ FillSchema (
    DataSet^ dataSet,
    SchemaType schemaType
) override
```

J#

```
public DataTable[] FillSchema (
    DataSet dataSet,
    SchemaType schemaType
)
```

JScript

```
public override function FillSchema (
    dataSet : DataSet,
    schemaType : SchemaType
) : DataTable[]
```

## Parameters

dataSet

A DataSet to insert the schema in.

schemaType

The SchemaType values that specifies how to insert the schema.

## Return Value

A reference to a collection of DataTable objects that were added to the DataSet.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)





[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter.Update Method

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">Update(DataRow[])</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
 <a href="#">Update(DataSet)</a>	Calls the respective INSERT, UPDATE, or DELETE statements for each inserted, updated, or deleted row in the specified DataSet.(Overrides <a href="#">DbDataAdapter.Update(DataSet)</a> .)
 <a href="#">Update(DataSet, String)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)
 <a href="#">Update(DataTable)</a>	(Inherited from <a href="#">DbDataAdapter</a> .)

See Also

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileDataAdapter.Update Method (DataSet)

Calls the respective INSERT, UPDATE, or DELETE statements for each inserted, updated, or deleted row in the specified DataSet.

Syntax

C#

```
public override int Update(  
    DataSet dataSet  
)
```

C++

```
public:  
virtual int Update(  
    DataSet^ dataSet  
) override
```

F#

```
override Update :  
    dataSet:DataSet -> int
```

VB

```
Public Overrides Function Update (  
    dataSet As DataSet  
) As Integer
```

## Parameters

*dataSet*

Type: [System.Data.DataSet](#)

The DataSet used to update the data source.

## Return Value

Type: [System.Int32](#)

The number of rows successfully updated from the DataSet.

## Implements

[IDataAdapter.Update\(DataSet\)](#) [IDataAdapter.Update\(DataSet\)](#)

[Return to top](#)

# HostFileDataAdapter.Update Method (DataSet)

Calls the respective INSERT, UPDATE, or DELETE statements for each inserted, updated, or deleted row in the specified DataSet.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Update ( _
    dataSet As DataSet _
) As Integer
```

C#

```
public override int Update (
    DataSet dataSet
)
```

C++

```
public:
virtual int Update (
    DataSet^ dataSet
) override
```

J#

```
public int Update (
    DataSet dataSet
)
```

JScript

```
public override function Update (
    dataSet : DataSet
) : int
```

## Parameters

dataSet

The DataSet used to update the data source.

## Return Value

The number of rows successfully updated from the DataSet.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference
















[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)





[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">AcceptChangesDuringFill</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">AcceptChangesDuringUpdate</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">Container</a>	(inherited from <a href="#">Component</a> )
	<a href="#">ContinueUpdateOnError</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">FillLoadOption</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">MissingMappingAction</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">MissingSchemaAction</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">ReturnProviderSpecificTypes</a>	Overridden. Gets or sets a value that indicates whether the host returns provider-specific types.
	<a href="#">SelectCommand</a>	Gets or sets the host file select command.
	<a href="#">Site</a>	(inherited from <a href="#">Component</a> )
	<a href="#">TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">UpdateBatchSize</a>	Overridden. Gets or sets the batch size.
	<a href="#">UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )

Protected Properties

	Name	Description
	<a href="#">CanRaiseEvents</a>	(inherited from <a href="#">Component</a> )
	<a href="#">DesignMode</a>	(inherited from <a href="#">Component</a> )
	<a href="#">Events</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillCommandBehavior</a>	(inherited from <a href="#">DbDataAdapter</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">System.Data.IDataAdapter.TableMappings</a>	(inherited from <a href="#">DataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.DeleteCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.InsertCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.SelectCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )
	<a href="#">System.Data.IDbDataAdapter.UpdateCommand</a>	(inherited from <a href="#">DbDataAdapter</a> )

See Also

## Reference

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter.ReturnProviderSpecificTypes Property

Gets or sets a value that indicates whether the host returns provider-specific types.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property ReturnProviderSpecificTypes As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool ReturnProviderSpecificTypes { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property bool ReturnProviderSpecificTypes {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_ReturnProviderSpecificTypes ()

/** @property */
public void set_ReturnProviderSpecificTypes (boolean value)
```

JScript

```
public override function get ReturnProviderSpecificTypes () : boolean

public override function set ReturnProviderSpecificTypes (value : boolean)
```

## Property Value

**true** if the host returns provider-specific types; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter.SelectCommand Property

Gets or sets the host file select command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Property SelectCommand As HostFileCommand
```

C#

```
public HostFileCommand SelectCommand { get; set; }
```

C++

```
public:
property HostFileCommand^ SelectCommand {
    HostFileCommand^ get ();
    void set (HostFileCommand^ value);
}
```

J#

```
/** @property */
public HostFileCommand get_SelectCommand ()

/** @property */
public void set_SelectCommand (HostFileCommand value)
```

JScript

```
public function get SelectCommand () : HostFileCommand

public function set SelectCommand (value : HostFileCommand)
```

## Property Value

The host file select command.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileDataAdapter.UpdateBatchSize Property

Gets or sets the batch size.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property UpdateBatchSize As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int UpdateBatchSize { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int UpdateBatchSize {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_UpdateBatchSize ()

/** @property */
public void set_UpdateBatchSize (int value)
```

JScript

```
public override function get UpdateBatchSize () : int

public override function set UpdateBatchSize (value : int)
```

## Property Value

The batch size.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[HostFileDataAdapter Class](#)

[HostFileDataAdapter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileDataAdapter Events

## Public Events

	Name	Description
	<a href="#">Disposed</a>	(inherited from <a href="#">Component</a> )
	<a href="#">FillError</a>	(inherited from <a href="#">DataAdapter</a> )

See Also

### Reference

[HostFileDataAdapter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Class

Represents a host file parameter.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy[System.Object](#)

[System.MarshalByRefObject](#)

[System.Data.Common.DbParameter](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileParameter**

Syntax

C#

```
public class HostFileParameter : DbParameter, IDbDataParameter,
    IDataParameter
```

C++

```
public ref class HostFileParameter : DbParameter, IDbDataParameter,
    IDataParameter
```



F#

```
type HostFileParameter =
    class
        inherit DbParameter
        interface IDbDataParameter
        interface IDataParameter
    end
```

VB












```
Public Class HostFileParameter
    Inherits DbParameter
    Implements IDbDataParameter, IDataParameter
```

Constructors


Name		Description
	<a href="#">HostFileParameter()</a>	Initializes a new instance of the <b>HostFileParameter</b> class.
	<a href="#">HostFileParameter(String, HostFileType)</a>	Initializes a new instance of the <b>HostFileParameter</b> class using the specified name and host file type.











 <a href="#">HostFileParameter(String, HostFileType, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)</a>	Initializes a new instance of the <b>HostFileParameter</b> class using the specified parameters.
 <a href="#">HostFileParameter(String, HostFileType, Int32, String)</a>	Initializes a new instance of the <b>HostFileParameter</b> class using the specified parameters.
 <a href="#">HostFileParameter(String, HostFileType, Object)</a>	Initializes a new instance of the <b>HostFileParameter</b> class using the specified name, host file type and values.
 <a href="#">HostFileParameter(String, Object)</a>	Initializes a new instance of the <b>HostFileParameter</b> class using the specified name and values.

#### Properties

Name	Description
 <a href="#">DbType</a>	Gets or sets the DbType of the parameter.(Overrides <a href="#">DbParameter.DbType</a> .)
 <a href="#">Direction</a>	(Inherited from <a href="#">DbParameter</a> .)
 <a href="#">HostFileType</a>	Gets or sets the host file type of the parameter.
 <a href="#">ParameterName</a>	Gets or sets the name of the parameter.(Overrides <a href="#">DbParameter.ParameterName</a> .)
 <a href="#">Precision</a>	(Inherited from <a href="#">DbParameter</a> .)
 <a href="#">Scale</a>	(Inherited from <a href="#">DbParameter</a> .)
 <a href="#">Size</a>	(Inherited from <a href="#">DbParameter</a> .)
 <a href="#">SourceColumn</a>	Gets or sets the name of the source column that is mapped to the DataSet and used for loading or returning the value.(Overrides <a href="#">DbParameter.SourceColumn</a> .)
 <a href="#">SourceColumnNullMapping</a>	(Inherited from <a href="#">DbParameter</a> .)
 <a href="#">SourceVersion</a>	Gets or sets the DataRowVersion to use when loading value.(Overrides <a href="#">DbParameter.SourceVersion</a> .)
 <a href="#">Value</a>	Gets or sets the value of the parameter.(Overrides <a href="#">DbParameter.Value</a> .)

#### Methods

Name	Description
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)

 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone(Boolean)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">ResetDbType()</a>	Resets the DbType property to its original settings.(Overrides <a href="#">DbParameter.ResetDbType()</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# HostFileParameter Members

Represents a host file parameter.













The following tables list the members exposed by the [HostFileParameter](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileParameter</a>	Overloaded. Initializes a new instance of the <a href="#">HostFileParameter</a> class.











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## Public Properties

Name	Description
 <a href="#">DbType</a>	Overridden. Gets or sets the DbType of the parameter.
 <a href="#">Direction</a>	Overridden. Gets or sets a value that indicates whether the parameter is input-only, output-only, or bidirectional.
 <a href="#">HostFileType</a>	Gets or sets the host file type of the parameter.
 <a href="#">IsNullable</a>	Overridden. Gets or sets a value that indicates whether the parameter accepts <b>null</b> values.
 <a href="#">ParameterName</a>	Overridden. Gets or sets the name of the parameter.
 <a href="#">Precision</a>	Gets or sets the precision of numeric parameters.
 <a href="#">Scale</a>	Get or sets the scale of numeric parameters.
 <a href="#">Size</a>	Overridden. Gets or sets the size of the parameter, in bytes.
 <a href="#">SourceColumn</a>	Overridden. Gets or sets the name of the source column that is mapped to the DataSet and used for loading or returning the value.
 <a href="#">SourceColumnNullMapping</a>	Overridden. Gets or sets a value that indicates whether the source column is nullable.
 <a href="#">SourceVersion</a>	Overridden. Gets or sets the DataRowVersion to use when loading value.
 <a href="#">Value</a>	Overridden. Gets or sets the value of the parameter.



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ResetDbType</a>	Overridden. Resets the DbType property to its original settings.
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

[Top](#)

## Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbDataParameter.Precision</a>	(inherited from <a href="#">DbParameter</a> )
<a href="#">System.Data.IDbDataParameter.Scale</a>	(inherited from <a href="#">DbParameter</a> )

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See Also

## Reference

[HostFileParameter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)







# HostFileParameter Constructor

Initializes a new instance of the [HostFileParameter](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">HostFileParameter()</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class.
 <a href="#">HostFileParameter(String, HostFileType)</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class using the sp ecified name and host file type.
 <a href="#">HostFileParameter(String, HostFileType, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class using the sp ecified parameters .
 <a href="#">HostFileParameter(String, HostFileType, Int32, String)</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class using the sp ecified parameters .
 <a href="#">HostFileParameter(String, HostFileType, Object)</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class using the sp ecified name, host file type and value s.
 <a href="#">HostFileParameter(String, Object)</a>	Initializes a new in stance of the <a href="#">HostFileParameter</a> class using the sp ecified name and values.

## See Also

[HostFileParameter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## HostFileParameter Constructor ()

Initializes a new instance of the [HostFileParameter](#) class.

## Syntax

C#

```
public HostFileParameter()
```

C++

```
public:
HostFileParameter()
```

F#

```
new : unit -> HostFileParameter
```

VB

```
Public Sub New
```

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#### HostFileParameter Constructor (String, HostFileType)

Initializes a new instance of the [HostFileParameter](#) class using the specified name and host file type.

Syntax

C#

```
public HostFileParameter(
    string name,
    HostFileType hostFileType
)
```

C++

```
public:
HostFileParameter(
    String^ name,
    HostFileType hostFileType
)
```

F#

```
new :
    name:string *
    hostFileType:HostFileType -> HostFileParameter
```

VB

```
Public Sub New (
    name As String,
    hostFileType As HostFileType
)
```

#### Parameters

*name*

Type: [System.String](#)

The name of the parameter.

*hostFileType*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileType](#)

The host file type.

[Return to top](#)

#### HostFileParameter Constructor (String, HostFileType, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)

Initializes a new instance of the [HostFileParameter](#) class using the specified parameters.

Syntax

C#

```
public HostFileParameter(
    string name,
    HostFileType hostFileType,
    int size,
```



```

ParameterDirection direction,
string sourceColumn,
DataRowVersion sourceVersion,
bool sourceColumnNullMapping,
object value
)

```

C++

```

public:
HostFileParameter(
    String^ name,
    HostFileType hostFileType,
    int size,
    ParameterDirection direction,
    String^ sourceColumn,
    DataRowVersion sourceVersion,
    bool sourceColumnNullMapping,
    Object^ value
)

```

F#

```

new :
    name:string *
    hostFileType:HostFileType *
    size:int *
    direction:ParameterDirection *
    sourceColumn:string *
    sourceVersion:DataRowVersion *
    sourceColumnNullMapping:bool *
    value:Object -> HostFileParameter

```

VB

```

Public Sub New (
    name As String,
    hostFileType As HostFileType,
    size As Integer,
    direction As ParameterDirection,
    sourceColumn As String,
    sourceVersion As DataRowVersion,
    sourceColumnNullMapping As Boolean,
    value As Object
)

```

## Parameters

*name*

Type: [System.String](#)

The name of the parameter.

*hostFileType*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileType](#)

The host file type.

*size*

Type: [System.Int32](#)

The size of the parameter.

*direction*

Type: [System.Data.ParameterDirection](#)

The direction of the parameter.

*sourceColumn*

Type: [System.String](#)

The source column.

*sourceVersion*

Type: [System.Data.DataRowVersion](#)

The source version.

*sourceColumnNullMapping*

Type: [System.Boolean](#)

**true** if the source column is nullable; otherwise, **false**.

*value*

Type: [System.Object](#)

The value of the parameter.

[Return to top](#)

### **HostFileParameter Constructor (String, HostFileType, Int32, String)**

Initializes a new instance of the [HostFileParameter](#) class using the specified parameters.

Syntax

C#

```
public HostFileParameter(  
    string name,  
    HostFileType hostFileType,  
    int size,  
    string srcColumn  
)
```

C++

```
public:  
HostFileParameter(  
    String^ name,  
    HostFileType hostFileType,  
    int size,  
    String^ srcColumn  
)
```

F#

```
new :  
    name:string *  
    hostFileType:HostFileType *  
    size:int *  
    srcColumn:string -> HostFileParameter
```

VB

```
Public Sub New (  
    name As String,  
    hostFileType As HostFileType,  
    size As Integer,  
    srcColumn As String  
)
```

### **Parameters**

*name*

Type: [System.String](#)

The name of the parameter.

*hostFileType*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileType](#)

The host file type.

*size*

Type: [System.Int32](#)

The size, in bytes, of the parameter.

*srcColumn*

Type: [System.String](#)

The source column of the parameter.

[Return to top](#)

### **HostFileParameter Constructor (String, HostFileType, Object)**

Initializes a new instance of the [HostFileParameter](#) class using the specified name, host file type and values.

Syntax

C#

```
public HostFileParameter(  
    string name,  
    HostFileType hostFileType,  
    object value  
)
```

C++

```
public:  
HostFileParameter(  
    String^ name,  
    HostFileType hostFileType,  
    Object^ value  
)
```

F#

```
new :  
    name:string *  
    hostFileType:HostFileType *  
    value:Object -> HostFileParameter
```

VB

```
Public Sub New (  
    name As String,  
    hostFileType As HostFileType,  
    value As Object  
)
```

### **Parameters**

*name*

Type: [System.String](#)

The name of the parameter.

*hostFileType*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileType](#)

The host file type.

*value*

Type: [System.Object](#)

The value of the parameter.

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### **HostFileParameter Constructor (String, Object)**

Initializes a new instance of the [HostFileParameter](#) class using the specified name and values.

Syntax

C#

```
public HostFileParameter(  
    string name,  
    object value  
)
```

C++

```
public:
HostFileParameter(
    String^ name,
    Object^ value
)
```

F#

```
new :
    name:string *
    value:Object -> HostFileParameter
```

VB

```
Public Sub New (
    name As String,
    value As Object
)
```

### Parameters

*name*

Type: [System.String](#)

The name of the parameter.

*value*

Type: [System.Object](#)

The value of the parameter.

[Return to top](#)

# HostFileParameter Constructor ()

Initializes a new instance of the [HostFileParameter](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileParameter ()
```

C++

```
public:  
HostFileParameter ()
```

J#

```
public HostFileParameter ()
```

JScript

```
public function HostFileParameter ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Constructor (String, HostFileType)

Initializes a new instance of the [HostFileParameter](#) class using the specified name and host file type.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    hostFileType As HostFileType _
)
```

C#

```
public HostFileParameter (
    string name,
    HostFileType hostFileType
)
```

C++

```
public:
HostFileParameter (
    String^ name,
    HostFileType hostFileType
)
```

J#

```
public HostFileParameter (
    String name,
    HostFileType hostFileType
)
```

JScript

```
public function HostFileParameter (
    name : String,
    hostFileType : HostFileType
)
```

## Parameters

name

The name of the parameter.

hostFileType

The host file type.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Constructor (String, Object)

Initializes a new instance of the [HostFileParameter](#) class using the specified name and values.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    value As Object _
)
```

C#

```
public HostFileParameter (
    string name,
    Object value
)
```

C++

```
public:
HostFileParameter (
    String^ name,
    Object^ value
)
```

J#

```
public HostFileParameter (
    String name,
    Object value
)
```

JScript

```
public function HostFileParameter (
    name : String,
    value : Object
)
```

## Parameters

name

The name of the parameter.

value

The value of the parameter.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Constructor (String, HostFileType, Object)

Initializes a new instance of the [HostFileParameter](#) class using the specified name, host file type and values.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    hostFileType As HostFileType, _
    value As Object _
)
```

C#

```
public HostFileParameter (
    string name,
    HostFileType hostFileType,
    Object value
)
```

C++

```
public:
HostFileParameter (
    String^ name,
    HostFileType hostFileType,
    Object^ value
)
```

J#

```
public HostFileParameter (
    String name,
    HostFileType hostFileType,
    Object value
)
```

JScript

```
public function HostFileParameter (
    name : String,
    hostFileType : HostFileType,
    value : Object
)
```

## Parameters

name

The name of the parameter.

hostFileType

The host file type.

value

The value of the parameter.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Constructor (String, HostFileType, Int32, String)

Initializes a new instance of the [HostFileParameter](#) class using the specified parameters.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    hostFileType As HostFileType, _
    size As Integer, _
    srcColumn As String _
)
```

C#

```
public HostFileParameter (
    string name,
    HostFileType hostFileType,
    int size,
    string srcColumn
)
```

C++

```
public:
HostFileParameter (
    String^ name,
    HostFileType hostFileType,
    int size,
    String^ srcColumn
)
```

J#

```
public HostFileParameter (
    String name,
    HostFileType hostFileType,
    int size,
    String srcColumn
)
```

JScript

```
public function HostFileParameter (
    name : String,
    hostFileType : HostFileType,
    size : int,
    srcColumn : String
)
```

## Parameters

name

The name of the parameter.

hostFileType

The host file type.

size

The size, in bytes, of the parameter.

srcColumn

The source column of the parameter.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Constructor (String, HostFileType, Int32, ParameterDirection, String, DataRowVersion, Boolean, Object)

Initializes a new instance of the [HostFileParameter](#) class using the specified parameters.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    name As String, _
    hostFileType As HostFileType, _
    size As Integer, _
    direction As ParameterDirection, _
    sourceColumn As String, _
    sourceVersion As DataRowVersion, _
    sourceColumnNullMapping As Boolean, _
    value As Object _
)
```

C#

```
public HostFileParameter (
    string name,
    HostFileType hostFileType,
    int size,
    ParameterDirection direction,
    string sourceColumn,
    DataRowVersion sourceVersion,
    bool sourceColumnNullMapping,
    Object value
)
```

C++

```
public:
HostFileParameter (
    String^ name,
    HostFileType hostFileType,
    int size,
    ParameterDirection direction,
    String^ sourceColumn,
    DataRowVersion sourceVersion,
    bool sourceColumnNullMapping,
    Object^ value
)
```

J#

```
public HostFileParameter (
    String name,
    HostFileType hostFileType,
    int size,
    ParameterDirection direction,
    String sourceColumn,
    DataRowVersion sourceVersion,
    boolean sourceColumnNullMapping,
    Object value
)
```

```
public function HostFileParameter (  
    name : String,  
    hostFileType : HostFileType,  
    size : int,  
    direction : ParameterDirection,  
    sourceColumn : String,  
    sourceVersion : DataRowVersion,  
    sourceColumnNullMapping : boolean,  
    value : Object  
)
```

**Parameters**

name

The name of the parameter.

hostFileType

The host file type.

size

The size of the parameter.

direction

The direction of the parameter.

sourceColumn

The source column.

sourceVersion

The source version.

sourceColumnNullMapping

**true** if the source column is nullable; otherwise, **false**.

value

The value of the parameter.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2











**Target Platforms**

See Also



**Reference**[HostFileParameter Class](#)[HostFileParameter Members](#)[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ResetDbType</a>	Overridden. Resets the DbType property to its original settings.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )

See Also

## Reference

[HostFileParameter Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.ResetDbType Method

Resets the DbType property to its original settings.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub ResetDbType
```

C#

```
public override void ResetDbType ()
```

C++

```
public:  
virtual void ResetDbType () override
```

J#

```
public void ResetDbType ()
```

JScript

```
public override function ResetDbType ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**













[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter Properties

Public Properties

	Name	Description
	<a href="#">DbType</a>	Overridden. Gets or sets the DbType of the parameter.
	<a href="#">Direction</a>	Overridden. Gets or sets a value that indicates whether the parameter is input-only, output-only, or bidirectional.
	<a href="#">HostFileType</a>	Gets or sets the host file type of the parameter.
	<a href="#">IsNullable</a>	Overridden. Gets or sets a value that indicates whether the parameter accepts <b>null</b> values.
	<a href="#">ParameterName</a>	Overridden. Gets or sets the name of the parameter.
	<a href="#">Precision</a>	Gets or sets the precision of numeric parameters.
	<a href="#">Scale</a>	Get or sets the scale of numeric parameters.
	<a href="#">Size</a>	Overridden. Gets or sets the size of the parameter, in bytes.
	<a href="#">SourceColumn</a>	Overridden. Gets or sets the name of the source column that is mapped to the DataSet and used for loading or returning the value.
	<a href="#">SourceColumnNullMapping</a>	Overridden. Gets or sets a value that indicates whether the source column is nullable.
	<a href="#">SourceVersion</a>	Overridden. Gets or sets the DataRowVersion to use when loading value.
	<a href="#">Value</a>	Overridden. Gets or sets the value of the parameter.

Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDbDataParameter.Precision</a>	(inherited from <a href="#">DbParameter</a> )
<a href="#">System.Data.IDbDataParameter.Scale</a>	(inherited from <a href="#">DbParameter</a> )

See Also

Reference

- [HostFileParameter Class](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameter.DbType Property

Gets or sets the DbType of the parameter.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property DbType As DbType
```

C#

```
public override DbType DbType { get; set; }
```

C++

```
public:
virtual property DbType DbType {
    DbType get () override;
    void set (DbType value) override;
}
```

J#

```
/** @property */
public DbType get_DbType ()

/** @property */
public void set_DbType (DbType value)
```

JScript

```
public override function get DbType () : DbType

public override function set DbType (value : DbType)
```

## Property Value

The DbType of the parameter. The default is string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.Direction Property

Gets or sets a value that indicates whether the parameter is input-only, output-only, or bidirectional.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property Direction As ParameterDirection
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override ParameterDirection Direction { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property ParameterDirection Direction {
    ParameterDirection get () override;
    void set (ParameterDirection value) override;
}
```

J#

```
/** @property */
public ParameterDirection get_Direction ()

/** @property */
public void set_Direction (ParameterDirection value)
```

JScript

```
public override function get Direction () : ParameterDirection

public override function set Direction (value : ParameterDirection)
```

## Property Value

One of the ParameterDirection values. The default is input.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.HostFileType Property

Gets or sets the host file type of the parameter.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HostFileType As HostFileType
```

C#

```
public HostFileType HostFileType { get; set; }
```

C++

```
public:
property HostFileType HostFileType {
    HostFileType get ();
    void set (HostFileType value);
}
```

J#

```
/** @property */
public HostFileType get_HostFileType ()

/** @property */
public void set_HostFileType (HostFileType value)
```

JScript

```
public function get HostFileType () : HostFileType

public function set HostFileType (value : HostFileType)
```

## Property Value

The host file type of the parameter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.IsNullable Property

Gets or sets a value that indicates whether the parameter accepts **null** values.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property IsNullable As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool IsNullable { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property bool IsNullable {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_IsNullable ()

/** @property */
public void set_IsNullable (boolean value)
```

JScript

```
public override function get IsNullable () : boolean

public override function set IsNullable (value : boolean)
```

## Property Value

**true** if the parameter accepts **null** values; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.ParameterName Property

Gets or sets the name of the parameter.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property ParameterName As String
```

C#

```
public override string ParameterName { get; set; }
```

C++

```
public:
virtual property String^ ParameterName {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_ParameterName ()

/** @property */
public void set_ParameterName (String value)
```

JScript

```
public override function get ParameterName () : String

public override function set ParameterName (value : String)
```

## Property Value

The name of the parameter. The default is an empty string.

Remarks

The ParameterName is specified in the form @paramname. You must set ParameterName before executing a command that relies on parameters.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.Precision Property

Gets or sets the precision of numeric parameters.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Property Precision As Byte
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public byte Precision { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property unsigned char Precision {
    unsigned char get () sealed;
    void set (unsigned char value) sealed;
}
```

J#

```
/** @property */
public final byte get_Precision ()

/** @property */
public final void set_Precision (byte value)
```

JScript

```
public final function get Precision () : byte

public final function set Precision (value : byte)
```

## Property Value

The precision of numeric parameters. The default value is 0, which indicates that a data provider sets the precision for value. Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.Scale Property

Get or sets the scale of numeric parameters.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Property Scale As Byte
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public byte Scale { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property unsigned char Scale {
    unsigned char get () sealed;
    void set (unsigned char value) sealed;
}
```

J#

```
/** @property */
public final byte get_Scale ()

/** @property */
public final void set_Scale (byte value)
```

JScript

```
public final function get Scale () : byte

public final function set Scale (value : byte)
```

## Property Value

The scale of numeric parameters. The default is 0.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.Size Property

Gets or sets the size of the parameter, in bytes.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property Size As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int Size { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int Size {
    int get () override;
    void set (int value) override;
}
```

J#

```
/** @property */
public int get_Size ()

/** @property */
public void set_Size (int value)
```

JScript

```
public override function get Size () : int

public override function set Size (value : int)
```

## Property Value

The size of the parameter. The default value is inferred from the parameter value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameter.SourceColumn Property

Gets or sets the name of the source column that is mapped to the DataSet and used for loading or returning the value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property SourceColumn As String
```

C#

```
public override string SourceColumn { get; set; }
```

C++

```
public:
virtual property String^ SourceColumn {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_SourceColumn ()

/** @property */
public void set_SourceColumn (String value)
```

JScript

```
public override function get SourceColumn () : String

public override function set SourceColumn (value : String)
```

## Property Value

The name of the source column that is mapped to the DataSet. The default is an empty string.

Remarks

The link between the value of the IDataParameter and the DataTable may be bidirectional depending on the value of the Direction property

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.SourceColumnNullMapping Property

Gets or sets a value that indicates whether the source column is nullable.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Property SourceColumnNullMapping As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool SourceColumnNullMapping { get; set; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property bool SourceColumnNullMapping {
    bool get () override;
    void set (bool value) override;
}
```

J#

```
/** @property */
public boolean get_SourceColumnNullMapping ()

/** @property */
public void set_SourceColumnNullMapping (boolean value)
```

JScript

```
public override function get SourceColumnNullMapping () : boolean

public override function set SourceColumnNullMapping (value : boolean)
```

## Property Value

**true** if the source column is nullable; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.SourceVersion Property

Gets or sets the DataRowVersion to use when loading value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property SourceVersion As DataRowVersion
```

C#

```
public override DataRowVersion SourceVersion { get; set; }
```

C++

```
public:
virtual property DataRowVersion SourceVersion {
    DataRowVersion get () override;
    void set (DataRowVersion value) override;
}
```

J#

```
/** @property */
public DataRowVersion get_SourceVersion ()

/** @property */
public void set_SourceVersion (DataRowVersion value)
```

JScript

```
public override function get SourceVersion () : DataRowVersion

public override function set SourceVersion (value : DataRowVersion)
```

## Property Value

One of the DataRowVersion values. The default is Current.

Remarks

This property is used by the UpdateCommand during the Update to determine whether the original or current value is used for a parameter value. This allows primary keys to be updated. This property is set to the version of the DataRow used by the Item property, or the GetChildRows method of the DataRow object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameter.Value Property

Gets or sets the value of the parameter.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property Value As Object
```

C#

```
public override Object Value { get; set; }
```

C++

```
public:
virtual property Object^ Value {
    Object^ get () override;
    void set (Object^ value) override;
}
```

J#

```
/** @property */
public Object get_Value ()

/** @property */
public void set_Value (Object value)
```

JScript

```
public override function get Value () : Object

public override function set Value (value : Object)
```

## Property Value

The value of the parameter. The default value is **null**.

Remarks

For input parameters, the value is bound to the IDbCommand that is sent to the server. For output and return value parameters, the value is set on completion of the IDbCommand and after the IDataReader is closed.

When sending **null** parameter value to the server, the user must specify DBNull, not **null**. The **null** value in the system is an empty object that has no value. DBNull is used to represent **null** values.

If the application specifies the database type, the bound value is converted to that type when the provider sends the data to the server. The provider attempts to convert any type of value if it supports the IConvertible interface. Conversion errors may result if the specified type is not compatible with the value.

The Value property is overwritten by Update.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameter Class](#)

[HostFileParameter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection Class

Represents a collection of HostFileParameters for a HostFileCommand.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.MarshalByRefObject](#)

[System.Data.Common.DbParameterCollection](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileParameterCollection**

Syntax

C#

```
public class HostFileParameterCollection : DbParameterCollection
```

C++

```
public ref class HostFileParameterCollection : DbParameterCollection
```


F#

```
type HostFileParameterCollection =  
    class  
        inherit DbParameterCollection  
    end
```







VB

```
Public Class HostFileParameterCollection  
    Inherits DbParameterCollection
```



Constructors

Name	Description
 <a href="#">HostFileParameterCollection()</a>	Initializes a new instance of the <b>HostFileParameterCollection</b> class.





Properties

Name	Description
 <a href="#">Count</a>	Gets the number of items in the collection.(Overrides <a href="#">DbParameterCollection.Count</a> .)
 <a href="#">IsFixedSize</a>	Gets a value that indicates whether the collection is a fixed size.(Overrides <a href="#">DbParameterCollection.IsFixedSize</a> .)
 <a href="#">IsReadOnly</a>	Gets a value that indicates whether the collection is read-only.(Overrides <a href="#">DbParameterCollection.IsReadOnly</a> .)
 <a href="#">IsSynchronized</a>	Gets a value that indicates whether the collection is synchronized.(Overrides <a href="#">DbParameterCollection.IsSynchronized</a> .)
 <a href="#">Item(Int32)</a>	Gets or sets the HostFileParameter at the specified index.
 <a href="#">Item(String)</a>	Gets or sets the HostFileParameter with the specified name.

Methods

Name	Description
 <a href="#">Add(HostFileParameter)</a>	Adds a HostFileParameter item with the specified value to the HostFileParameterCollection.
 <a href="#">Add(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)

 <a href="#">AddRange(Array)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">AddRange(HostFileParameter[])</a>	Adds an array of items with the specified values to the HostFileParameterCollection.
 <a href="#">Clear()</a>	Removes all HostFileParameter values from the HostFileParameterCollection.(Overrides <a href="#">DbParameterCollection.Clear()</a> .)
 <a href="#">Contains(HostFileParameter)</a>	Indicates whether a HostFileParameter with the specified value exists in the collection.
 <a href="#">Contains(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">Contains(String)</a>	Indicates whether a HostFileParameter with the specified name exists in the collection.( Overrides <a href="#">DbParameterCollection.Contains(String)</a> .)
 <a href="#">CopyTo(Array, Int32)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">CopyTo(HostFileParameter[], Int32)</a>	Copies an array of HostFileParameter objects starting at the specified index.
 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetEnumerator()</a>	Returns an enumerator which supports a simple iteration over the collection.(Overrides <a href="#">DbParameterCollection.GetEnumerator()</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetParameter(Int32)</a>	Retrieves the parameter with the specified index.(Overrides <a href="#">DbParameterCollection.GetParameter(Int32)</a> .)
 <a href="#">GetParameter(String)</a>	Retrieves the parameter with the specified name.(Overrides <a href="#">DbParameterCollection.GetParameter(String)</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">IndexOf(HostFileParameter)</a>	Returns the index of the specified HostFileParameter object.
 <a href="#">IndexOf(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">IndexOf(String)</a>	Return the index of the HostFileParameter object with the specified name.(Overrides <a href="#">DbParameterCollection.IndexOf(String)</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Insert(Int32, HostFileParameter)</a>	Inserts the specified HostFileParameter object into the collection at the specified index.
 <a href="#">Insert(Int32, Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone(Boolean)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Remove(HostFileParameter)</a>	Removes the specified HostFileParameter object from the collection.
 <a href="#">Remove(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">RemoveAt(Int32)</a>	Removes a parameter object from the collection based on the specified index.(Override s <a href="#">DbParameterCollection.RemoveAt(Int32)</a> .)

 <a href="#">RemoveAt(String)</a>	Removes a parameter object from the collection based on the specified name.(Override s <a href="#">DbParameterCollection.RemoveAt(String)</a> .)
 <a href="#">SetParameter(Int32, DbParameter)</a>	Sets the parameter object at the specified index to the new value.(Overrides <a href="#">DbParameterCollection.SetParameter(Int32, DbParameter)</a> .)
 <a href="#">SetParameter(String, DbParameter)</a>	Sets the parameter object with the specified name to a new value.(Overrides <a href="#">DbParameterCollection.SetParameter(String, DbParameter)</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)



# HostFileParameterCollection Members

Represents a collection of HostFileParameters for a HostFileCommand.







The following tables list the members exposed by the [HostFileParameterCollection](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileParameterCollection</a>	Initializes a new instance of the <a href="#">HostFileParameterCollection</a> class.




















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## Public Properties

Name	Description
 <a href="#">Count</a>	Overridden. Gets the number of items in the collection.
 <a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the collection is a fixed size.
 <a href="#">IsReadOnly</a>	Overridden. Gets a value that indicates whether the collection is read-only.
 <a href="#">IsSynchronized</a>	Overridden. Gets a value that indicates whether the collection is synchronized.
 <a href="#">Item</a>	Overloaded. Gets or sets a HostFileParameter in the collection.
 <a href="#">SyncRoot</a>	Overridden. Gets an object to be used to synchronize access to the collection.





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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Add</a>	Overloaded. Adds a HostFileParameter object to the HostFileParameterCollection.
 <a href="#">AddRange</a>	Overloaded. Overridden. Adds a range of items with the specified values to the HostFileParameterCollection.
 <a href="#">Clear</a>	Overridden. Removes all HostFileParameter values from the HostFileParameterCollection.
 <a href="#">Contains</a>	Overloaded. Indicates whether a HostFileParameter with the specified property exists in the collection.
 <a href="#">CopyTo</a>	Overloaded. Overridden. Copies an array of items to the collection starting at the specified index.
 <a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetEnumerator</a>	Overridden. Returns an enumerator which supports a simple iteration over the collection.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IndexOf</a>	Overloaded. Determines the index of the specified HostFileParameter object.
 <a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">Insert</a>	Overloaded. Inserts a parameter object into the HostFileParameter collection.
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Remove</a>	Overloaded. Removes the specified parameter object from the collection.
 <a href="#">RemoveAt</a>	Overloaded. Overridden. Removes a specified parameter object from the collection.
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

[Top](#)

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetParameter</a>	Overloaded. Overridden. Retrieves the parameter with the specified property.
 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
 <a href="#">SetParameter</a>	Overloaded. Overridden. Sets the specified parameter to the specified value.

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## Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.IList.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )
<a href="#">System.Data.IDataParameterCollection.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )

[Top](#)

See Also

**Reference**

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection Constructor

Initializes a new instance of the [HostFileParameterCollection](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostFileParameterCollection ()
```

C++

```
public:  
HostFileParameterCollection ()
```

J#

```
public HostFileParameterCollection ()
```

JScript

```
public function HostFileParameterCollection ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)





[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Overloaded. Adds a HostFileParameter object to the HostFileParameterCollection.
	<a href="#">AddRange</a>	Overloaded. Overridden. Adds a range of items with the specified values to the HostFileParameterCollection.
	<a href="#">Clear</a>	Overridden. Removes all HostFileParameter values from the HostFileParameterCollection.
	<a href="#">Contains</a>	Overloaded. Indicates whether a HostFileParameter with the specified property exists in the collection.
	<a href="#">CopyTo</a>	Overloaded. Overridden. Copies an array of items to the collection starting at the specified index.
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Overridden. Returns an enumerator which supports a simple iteration over the collection.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IndexOf</a>	Overloaded. Determines the index of the specified HostFileParameter object.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Insert</a>	Overloaded. Inserts a parameter object into the HostFileParameter collection.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Overloaded. Removes the specified parameter object from the collection.
	<a href="#">RemoveAt</a>	Overloaded. Overridden. Removes a specified parameter object from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetParameter</a>	Overloaded. Overridden. Retrieves the parameter with the specified property.
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetParameter</a>	Overloaded. Overridden. Sets the specified parameter to the specified value.

See Also

## Reference

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.Add Method

Adds a HostFileParameter object to the HostFileParameterCollection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Overload List

Name	Description
 <a href="#">Add(HostFileParameter)</a>	Adds a HostFileParameter item with the specified value to the HostFileParameterCollection.
 <a href="#">Add(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.Add Method (HostFileParameter)

Adds a HostFileParameter item with the specified value to the HostFileParameterCollection.

Syntax

C#

```
public int Add(  
    HostFileParameter value  
)
```

C++

```
public:  
int Add(  
    HostFileParameter^ value  
)
```

F#

```
member Add :  
    value:HostFileParameter -> int
```

VB

```
Public Function Add (  
    value As HostFileParameter  
) As Integer
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The value of the HostFileParameter to add to the collection.

## Return Value

Type: [System.Int32](#)

The index of the HostFileParameter object in the collection.

[Return to top](#)

# HostFileParameterCollection.Add Method (HostFileParameter)

Adds a HostFileParameter item with the specified value to the HostFileParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    value As HostFileParameter _
) As Integer
```

C#

```
public int Add (
    HostFileParameter value
)
```

C++

```
public:
int Add (
    HostFileParameter^ value
)
```

J#

```
public int Add (
    HostFileParameter value
)
```

JScript

```
public function Add (
    value : HostFileParameter
) : int
```

## Parameters

value

The value of the HostFileParameter to add to the collection.

## Return Value

The index of the HostFileParameter object in the collection.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Add Method (Object)

Adds an object with the specified value to the HostFileParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function Add ( _
    value As Object _
) As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int Add (
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual int Add (
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public int Add (
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Add (
    value : Object
) : int
```

## Parameters

value

The value of the object to add to the collection.

## Return Value

The index of the object in the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)







# HostFileParameterCollection.AddRange Method

Adds a range of items with the specified values to the HostFileParameterCollection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">AddRange(Array)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
	<a href="#">AddRange(HostFileParameter[])</a>	Adds an array of items with the specified values to the HostFileParameterCollection.

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## HostFileParameterCollection.AddRange Method (HostFileParameter[])

Adds an array of items with the specified values to the HostFileParameterCollection.

Syntax

C#

```
public void AddRange(  
    HostFileParameter[] values  
)
```

C++

```
public:  
void AddRange(  
    array<HostFileParameter^>^ values  
)
```

F#

```
member AddRange :  
    values:HostFileParameter[] -> unit
```

VB

```
Public Sub AddRange (  
    values As HostFileParameter()  
)
```

## Parameters

*values*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

An array of values of type HostFileParameter to add to the collection.

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# HostFileParameterCollection.AddRange Method (Array)

Adds an array of items with the specified values to the HostFileParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub AddRange ( _
    values As Array _
)
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void AddRange (
    Array values
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void AddRange (
    Array^ values
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void AddRange (
    Array values
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function AddRange (
    values : Array
)
```

## Parameters

values

An array of values to add to the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.AddRange Method (HostFileParameter[])

Adds an array of items with the specified values to the HostFileParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub AddRange ( _
    values As HostFileParameter() _
)
```

C#

```
public void AddRange (
    HostFileParameter[] values
)
```

C++

```
public:
void AddRange (
    array<HostFileParameter^>^ values
)
```

J#

```
public void AddRange (
    HostFileParameter[] values
)
```

JScript

```
public function AddRange (
    values : HostFileParameter[]
)
```

## Parameters

values

An array of values of type HostFileParameter to add to the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Clear Method

Removes all HostFileParameter values from the HostFileParameterCollection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Sub Clear
```

C#

```
public override void Clear ()
```

C++

```
public:  
virtual void Clear () override
```

J#

```
public void Clear ()
```

JScript

```
public override function Clear ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)




# HostFileParameterCollection.Contains Method

Indicates whether a HostFileParameter with the specified property exists in the collection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">Contains(HostFileParameter)</a>	Indicates whether a HostFileParameter with the specified value exists in the collection.
 <a href="#">Contains(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">Contains(String)</a>	Indicates whether a HostFileParameter with the specified name exists in the collection.(Overrides <a href="#">DbParameterCollection.Contains(String)</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## HostFileParameterCollection.Contains Method (HostFileParameter)

Indicates whether a HostFileParameter with the specified value exists in the collection.

Syntax

C#

```
public bool Contains(  
    HostFileParameter value  
)
```

C++

```
public:  
bool Contains(  
    HostFileParameter^ value  
)
```

F#

```
member Contains :  
    value:HostFileParameter -> bool
```

VB

```
Public Function Contains (  
    value As HostFileParameter  
) As Boolean
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The value of the HostFileParameter to look for in the collection.

## Return Value

Type: [System.Boolean](#)

**true** if the HostFileParameter is in the collection; otherwise, **false**.

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## HostFileParameterCollection.Contains Method (String)

Indicates whether a HostFileParameter with the specified name exists in the collection.

Syntax

C#

```
public override bool Contains(  
    string parameterName  
)
```

C++

```
public:  
virtual bool Contains(  
    String^ parameterName  
) override
```

F#

```
override Contains :  
    parameterName:string -> bool
```

VB

```
Public Overrides Function Contains (  
    parameterName As String  
) As Boolean
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the HostFileParameter to look for in the collection.

#### Return Value

Type: [System.Boolean](#)

**true** if the HostFileParameter is in the collection; otherwise, **false**.

#### Implements

[IDataParameterCollection.Contains\(String\)](#)

[Return to top](#)

# HostFileParameterCollection.Contains Method (HostFileParameter)

Indicates whether a HostFileParameter with the specified value exists in the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Contains ( _
    value As HostFileParameter _
) As Boolean
```

C#

```
public bool Contains (
    HostFileParameter value
)
```

C++

```
public:
bool Contains (
    HostFileParameter^ value
)
```

J#

```
public boolean Contains (
    HostFileParameter value
)
```

JScript

```
public function Contains (
    value : HostFileParameter
) : boolean
```

## Parameters

value

The value of the HostFileParameter to look for in the collection.

## Return Value

**true** if the HostFileParameter is in the collection; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Contains Method (Object)

Indicates whether an object with the specified value exists in the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function Contains ( _
    value As Object _
) As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool Contains (
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual bool Contains (
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public boolean Contains (
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Contains (
    value : Object
) : boolean
```

## Parameters

value

The value of the object to look for in the collection.

## Return Value

**true** if the object is in the collection; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# HostFileParameterCollection.Contains Method (String)

Indicates whether a HostFileParameter with the specified name exists in the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Contains ( _
    parameterName As String _
) As Boolean
```

C#

```
public override bool Contains (
    string parameterName
)
```

C++

```
public:
virtual bool Contains (
    String^ parameterName
) override
```

J#

```
public boolean Contains (
    String parameterName
)
```

JScript

```
public override function Contains (
    parameterName : String
) : boolean
```

## Parameters

parameterName

The name of the HostFileParameter to look for in the collection.

## Return Value

**true** if the HostFileParameter is in the collection; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.CopyTo Method

Copies an array of items to the collection starting at the specified index.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">CopyTo(Array, Int32)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
	<a href="#">CopyTo(HostFileParameter[], Int32)</a>	Copies an array of HostFileParameter objects starting at the specified index.

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.CopyTo Method (HostFileParameter[], Int32)

Copies an array of HostFileParameter objects starting at the specified index.

Syntax

C#

```
public void CopyTo(  
    HostFileParameter[] array,  
    int index  
)
```

C++

```
public:  
void CopyTo(  
    array<HostFileParameter^>^ array,  
    int index  
)
```

F#

```
member CopyTo :  
    array:HostFileParameter[] *  
    index:int -> unit
```

VB

```
Public Sub CopyTo (  
    array As HostFileParameter(),  
    index As Integer  
)
```

## Parameters

*array*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The array of HostFileParameter objects to copy to the collection.

*index*

Type: [System.Int32](#)

The index in the collection to copy the items.

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# HostFileParameterCollection.CopyTo Method (Array, Int32)

Copies an array of items to the collection starting at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub CopyTo ( _
    array As Array, _
    index As Integer _
)
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void CopyTo (
    Array array,
    int index
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void CopyTo (
    Array^ array,
    int index
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void CopyTo (
    Array array,
    int index
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function CopyTo (
    array : Array,
    index : int
)
```

## Parameters

array

The array of items to copy to the collection.

index

The index in the collection to copy the items.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.CopyTo Method (HostFileParameter[], Int32)

Copies an array of HostFileParameter objects starting at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub CopyTo ( _
    array As HostFileParameter(), _
    index As Integer _
)
```

C#

```
public void CopyTo (
    HostFileParameter[] array,
    int index
)
```

C++

```
public:
void CopyTo (
    array<HostFileParameter^>^ array,
    int index
)
```

J#

```
public void CopyTo (
    HostFileParameter[] array,
    int index
)
```

JScript

```
public function CopyTo (
    array : HostFileParameter[],
    index : int
)
```

## Parameters

array

The array of HostFileParameter objects to copy to the collection.

index

The index in the collection to copy the items.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.GetEnumerator Method

Returns an enumerator which supports a simple iteration over the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetEnumerator As IEnumerator
```

C#

```
public override IEnumerator GetEnumerator ()
```

C++

```
public:
virtual IEnumerator^ GetEnumerator () override
```

J#

```
public IEnumerator GetEnumerator ()
```

JScript

```
public override function GetEnumerator () : IEnumerator
```

## Return Value

An enumerator which supports a simple iteration over the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# HostFileParameterCollection.GetParameter Method

Retrieves the parameter with the specified property.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">GetParameter(Int32)</a>	Retrieves the parameter with the specified index.(Overrides <a href="#">DbParameterCollection.GetParameter(Int32)</a> .)
	<a href="#">GetParameter(String)</a>	Retrieves the parameter with the specified name.(Overrides <a href="#">DbParameterCollection.GetParameter(String)</a> .)

See Also  
[HostFileParameterCollection Class](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)  
**HostFileParameterCollection.GetParameter Method (Int32)**  
Retrieves the parameter with the specified index.

## Syntax

```
C#
protected override DbParameter GetParameter(
    int index
)
```

```
C++
protected:
virtual DbParameter^ GetParameter(
    int index
) override
```

```
F#
override GetParameter :
    index:int -> DbParameter
```

```
VB
Protected Overrides Function GetParameter (
    index As Integer
) As DbParameter
```

**Parameters**  
*index*  
Type: [System.Int32](#)  
The index of the parameter to retrieve.

**Return Value**  
Type: [System.Data.Common.DbParameter](#)  
The parameter with the specified index.

[Return to top](#)  
**HostFileParameterCollection.GetParameter Method (String)**  
Retrieves the parameter with the specified name.

## Syntax

```
C#
```

```
protected override DbParameter GetParameter(  
    string parameterName  
)
```

C++

```
protected:  
virtual DbParameter^ GetParameter(  
    String^ parameterName  
) override
```

F#

```
override GetParameter :  
    parameterName:string -> DbParameter
```

VB

```
Protected Overrides Function GetParameter (  
    parameterName As String  
) As DbParameter
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter to retrieve.

#### Return Value

Type: [System.Data.Common.DbParameter](#)

The parameter with the specified name.

[Return to top](#)

# HostFileParameterCollection.GetParameter Method (Int32)

Retrieves the parameter with the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetParameter ( _
    index As Integer _
) As DbParameter
```

C#

```
protected override DbParameter GetParameter (
    int index
)
```

C++

```
protected:
virtual DbParameter^ GetParameter (
    int index
) override
```

J#

```
protected DbParameter GetParameter (
    int index
)
```

JScript

```
protected override function GetParameter (
    index : int
) : DbParameter
```

## Parameters

index

The index of the parameter to retrieve.

## Return Value

The parameter with the specified index.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.GetParameter Method (String)

Retrieves the parameter with the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetParameter ( _
    parameterName As String _
) As DbParameter
```

C#

```
protected override DbParameter GetParameter (
    string parameterName
)
```

C++

```
protected:
virtual DbParameter^ GetParameter (
    String^ parameterName
) override
```

J#

```
protected DbParameter GetParameter (
    String parameterName
)
```

JScript

```
protected override function GetParameter (
    parameterName : String
) : DbParameter
```

## Parameters

parameterName

The name of the parameter to retrieve.

## Return Value

The parameter with the specified name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)




# HostFileParameterCollection.IndexOf Method

Determines the index of the specified HostFileParameter object.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">IndexOf(HostFileParameter)</a>	Returns the index of the specified HostFileParameter object.
 <a href="#">IndexOf(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)
 <a href="#">IndexOf(String)</a>	Return the index of the HostFileParameter object with the specified name.(Overrides <a href="#">DbParameterCollection.IndexOf(String)</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.IndexOf Method (HostFileParameter)

Returns the index of the specified HostFileParameter object.

Syntax

C#

```
public int IndexOf(  
    HostFileParameter item  
)
```

C++

```
public:  
int IndexOf(  
    HostFileParameter^ item  
)
```

F#

```
member IndexOf :  
    item:HostFileParameter -> int
```

VB

```
Public Function IndexOf (  
    item As HostFileParameter  
) As Integer
```

## Parameters

*item*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The HostFileParameter object to return the index of.

## Return Value

Type: [System.Int32](#)

The index of the specified HostFileParameter object.

[Return to top](#)

## HostFileParameterCollection.IndexOf Method (String)

Return the index of the HostFileParameter object with the specified name.

Syntax

C#

```
public override int IndexOf(  
    string parameterName  
)
```

C++

```
public:  
virtual int IndexOf(  
    String^ parameterName  
) override
```

F#

```
override IndexOf :  
    parameterName:string -> int
```

VB

```
Public Overrides Function IndexOf (  
    parameterName As String  
) As Integer
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the HostFileParameter object.

#### Return Value

Type: [System.Int32](#)

The index of the specified HostFileParameter object.

#### Implements

[IDataParameterCollection.IndexOf\(String\)](#)

[Return to top](#)

# HostFileParameterCollection.IndexOf Method (HostFileParameter)

Returns the index of the specified HostFileParameter object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function IndexOf ( _
    item As HostFileParameter _
) As Integer
```

C#

```
public int IndexOf (
    HostFileParameter item
)
```

C++

```
public:
int IndexOf (
    HostFileParameter^ item
)
```

J#

```
public int IndexOf (
    HostFileParameter item
)
```

JScript

```
public function IndexOf (
    item : HostFileParameter
) : int
```

## Parameters

item

The HostFileParameter object to return the index of.

## Return Value

The index of the specified HostFileParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.IndexOf Method (Object)

Returns the index of the HostFileParameter object with the specified value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function IndexOf ( _
    value As Object _
) As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int IndexOf (
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual int IndexOf (
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public int IndexOf (
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function IndexOf (
    value : Object
) : int
```

## Parameters

value

The value of the HostFileParameter object.

## Return Value

The index of the HostFileParameter object with the specified value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# HostFileParameterCollection.IndexOf Method (String)

Return the index of the HostFileParameter object with the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IndexOf ( _
    parameterName As String _
) As Integer
```

C#

```
public override int IndexOf (
    string parameterName
)
```

C++

```
public:
virtual int IndexOf (
    String^ parameterName
) override
```

J#

```
public int IndexOf (
    String parameterName
)
```

JScript

```
public override function IndexOf (
    parameterName : String
) : int
```

## Parameters

parameterName

The name of the HostFileParameter object.

## Return Value

The index of the specified HostFileParameter object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.Insert Method

Inserts a parameter object into the HostFileParameter collection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Overload List

Name	Description
 <a href="#">Insert(Int32, HostFileParameter)</a>	Inserts the specified HostFileParameter object into the collection at the specified index.
 <a href="#">Insert(Int32, Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

**HostFileParameterCollection.Insert Method (Int32, HostFileParameter)**

Inserts the specified HostFileParameter object into the collection at the specified index.

Syntax

C#

```
public void Insert(  
    int index,  
    HostFileParameter item  
)
```

C++

```
public:  
void Insert(  
    int index,  
    HostFileParameter^ item  
)
```

F#

```
member Insert :  
    index:int *  
    item:HostFileParameter -> unit
```

VB

```
Public Sub Insert (  
    index As Integer,  
    item As HostFileParameter  
)
```

**Parameters**

*index*

Type: [System.Int32](#)

The index at which to insert the HostFileParameter object.

*item*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The HostfileParameter object to insert.

[Return to top](#)

# HostFileParameterCollection.Insert Method (Int32, HostFileParameter)

Inserts the specified HostFileParameter object into the collection at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Insert ( _
    index As Integer, _
    item As HostFileParameter _
)
```

C#

```
public void Insert (
    int index,
    HostFileParameter item
)
```

C++

```
public:
void Insert (
    int index,
    HostFileParameter^ item
)
```

J#

```
public void Insert (
    int index,
    HostFileParameter item
)
```

JScript

```
public function Insert (
    index : int,
    item : HostFileParameter
)
```

## Parameters

index

The index at which to insert the HostFileParameter object.

item

The HostfileParameter object to insert.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)  
[HostFileParameterCollection Members](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Insert Method (Int32, Object)

Inserts the specified parameter object into the HostFileParameterCollection at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub Insert ( _
    index As Integer, _
    value As Object _
)
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void Insert (
    int index,
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void Insert (
    int index,
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void Insert (
    int index,
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Insert (
    index : int,
    value : Object
)
```

## Parameters

index

The index at which to insert the parameter object.

value

The parameter object to insert.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.Remove Method

Removes the specified parameter object from the collection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">Remove(HostFileParameter)</a>	Removes the specified HostFileParameter object from the collection.
 <a href="#">Remove(Object)</a>	(Inherited from <a href="#">DbParameterCollection</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.Remove Method (HostFileParameter)

Removes the specified HostFileParameter object from the collection.

Syntax

C#

```
public bool Remove(  
    HostFileParameter value  
)
```

C++

```
public:  
bool Remove(  
    HostFileParameter^ value  
)
```

F#

```
member Remove :  
    value:HostFileParameter -> bool
```

VB

```
Public Function Remove (  
    value As HostFileParameter  
) As Boolean
```

## Parameters

*value*

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The HostFileParameter object to remove.

## Return Value

Type: [System.Boolean](#)

**true** if the removal was successful; otherwise, **false**.

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# HostFileParameterCollection.Remove Method (HostFileParameter)

Removes the specified HostFileParameter object from the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Remove ( _
    value As HostFileParameter _
) As Boolean
```

C#

```
public bool Remove (
    HostFileParameter value
)
```

C++

```
public:
bool Remove (
    HostFileParameter^ value
)
```

J#

```
public boolean Remove (
    HostFileParameter value
)
```

JScript

```
public function Remove (
    value : HostFileParameter
) : boolean
```

## Parameters

value

The HostFileParameter object to remove.

## Return Value

**true** if the removal was successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Remove Method (Object)

Removes the specified parameter object from the HostFileParameter collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Sub Remove ( _
    value As Object _
)
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override void Remove (
    Object value
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual void Remove (
    Object^ value
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public void Remove (
    Object value
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function Remove (
    value : Object
)
```

## Parameters

value

The object to remove.

Remarks

**true** if the removal was successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)





# HostFileParameterCollection.RemoveAt Method

Removes a specified parameter object from the collection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">RemoveAt(Int32)</a>	Removes a parameter object from the collection based on the specified index.(Overrides <a href="#">DbParameterCollection.RemoveAt(Int32)</a> .)
 <a href="#">RemoveAt(String)</a>	Removes a parameter object from the collection based on the specified name.(Overrides <a href="#">DbParameterCollection.RemoveAt(String)</a> .)

## See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.RemoveAt Method (Int32)

Removes a parameter object from the collection based on the specified index.

## Syntax

C#

```
public override void RemoveAt(  
    int index  
)
```

C++

```
public:  
virtual void RemoveAt(  
    int index  
) override
```

F#

```
override RemoveAt :  
    index:int -> unit
```

VB

```
Public Overrides Sub RemoveAt (  
    index As Integer  
)
```

## Parameters

*index*

Type: [System.Int32](#)

The index of the parameter object to remove.

## Implements

[IList.RemoveAt\(Int32\)](#)

[Return to top](#)

## HostFileParameterCollection.RemoveAt Method (String)

Removes a parameter object from the collection based on the specified name.

## Syntax

C#

```
public override void RemoveAt(  

```

```
    string parameterName  
    )
```

C++

```
public:  
virtual void RemoveAt(  
    String^ parameterName  
    ) override
```

F#

```
override RemoveAt :  
    parameterName:string -> unit
```

VB

```
Public Overrides Sub RemoveAt (  
    parameterName As String  
    )
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter object to remove.

#### Implements

[IDataParameterCollection.RemoveAt\(String\)](#)

[Return to top](#)

# HostFileParameterCollection.RemoveAt Method (Int32)

Removes a parameter object from the collection based on the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub RemoveAt ( _
    index As Integer _
)
```

C#

```
public override void RemoveAt (
    int index
)
```

C++

```
public:
virtual void RemoveAt (
    int index
) override
```

J#

```
public void RemoveAt (
    int index
)
```

JScript

```
public override function RemoveAt (
    index : int
)
```

## Parameters

index

The index of the parameter object to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.RemoveAt Method (String)

Removes a parameter object from the collection based on the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub RemoveAt ( _
    parameterName As String _
)
```

C#

```
public override void RemoveAt (
    string parameterName
)
```

C++

```
public:
virtual void RemoveAt (
    String^ parameterName
) override
```

J#

```
public void RemoveAt (
    String parameterName
)
```

JScript

```
public override function RemoveAt (
    parameterName : String
)
```

## Parameters

parameterName

The name of the parameter object to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.SetParameter Method

Sets the specified parameter to the specified value.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">SetParameter(Int32, DbParameter)</a>	Sets the parameter object at the specified index to the new value.(Overrides <a href="#">DbParameterCollection.SetParameter(Int32, DbParameter)</a> .)
 <a href="#">SetParameter(String, DbParameter)</a>	Sets the parameter object with the specified name to a new value.(Overrides <a href="#">DbParameterCollection.SetParameter(String, DbParameter)</a> .)

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.SetParameter Method (Int32, DbParameter)

Sets the parameter object at the specified index to the new value.

Syntax

C#

```
protected override void SetParameter(  
    int index,  
    DbParameter value  
)
```

C++

```
protected:  
virtual void SetParameter(  
    int index,  
    DbParameter^ value  
) override
```

F#

```
override SetParameter :  
    index:int *  
    value:DbParameter -> unit
```

VB

```
Protected Overrides Sub SetParameter (  
    index As Integer,  
    value As DbParameter  
)
```

## Parameters

*index*

Type: [System.Int32](#)

The index where the parameter object is located.

*value*

Type: [System.Data.Common.DbParameter](#)

The new parameter value.

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## HostFileParameterCollection.SetParameter Method (String, DbParameter)



Sets the parameter object with the specified name to a new value.

#### Syntax

##### C#

```
protected override void SetParameter(  
    string parameterName,  
    DbParameter value  
)
```

##### C++

```
protected:  
virtual void SetParameter(  
    String^ parameterName,  
    DbParameter^ value  
) override
```

##### F#

```
override SetParameter :  
    parameterName:string *  
    value:DbParameter -> unit
```

##### VB

```
Protected Overrides Sub SetParameter (  
    parameterName As String,  
    value As DbParameter  
)
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter object in the collection.

*value*

Type: [System.Data.Common.DbParameter](#)

The new parameter value.

[Return to top](#)

# HostFileParameterCollection.SetParameter Method (Int32, DbParameter)

Sets the parameter object at the specified index to the new value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub SetParameter ( _
    index As Integer, _
    value As DbParameter _
)
```

C#

```
protected override void SetParameter (
    int index,
    DbParameter value
)
```

C++

```
protected:
virtual void SetParameter (
    int index,
    DbParameter^ value
) override
```

J#

```
protected void SetParameter (
    int index,
    DbParameter value
)
```

JScript

```
protected override function SetParameter (
    index : int,
    value : DbParameter
)
```

## Parameters

index

The index where the parameter object is located.

value

The new parameter value.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.SetParameter Method (String, DbParameter)

Sets the parameter object with the specified name to a new value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub SetParameter ( _
    parameterName As String, _
    value As DbParameter _
)
```

C#

```
protected override void SetParameter (
    string parameterName,
    DbParameter value
)
```

C++

```
protected:
virtual void SetParameter (
    String^ parameterName,
    DbParameter^ value
) override
```

J#

```
protected void SetParameter (
    String parameterName,
    DbParameter value
)
```

JScript

```
protected override function SetParameter (
    parameterName : String,
    value : DbParameter
)
```

## Parameters

parameterName

The name of the parameter object in the collection.

value

The new parameter value.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference







[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection Properties

Public Properties

	Name	Description
	<a href="#">Count</a>	Overridden. Gets the number of items in the collection.
	<a href="#">IsFixedSize</a>	Overridden. Gets a value that indicates whether the collection is a fixed size.
	<a href="#">IsReadOnly</a>	Overridden. Gets a value that indicates whether the collection is read-only.
	<a href="#">IsSynchronized</a>	Overridden. Gets a value that indicates whether the collection is synchronized.
	<a href="#">Item</a>	Overloaded. Gets or sets a HostFileParameter in the collection.
	<a href="#">SyncRoot</a>	Overridden. Gets an object to be used to synchronize access to the collection.

Explicit Interface Implementations

Name	Description
<a href="#">System.Collections.IList.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )
<a href="#">System.Data.IDataParameterCollection.Item</a>	(inherited from <a href="#">DbParameterCollection</a> )

See Also

Reference

- [HostFileParameterCollection Class](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Count Property

Gets the number of items in the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Count As Integer
```

C#

```
public override int Count { get; }
```

C++

```
public:
virtual property int Count {
    int get () override;
}
```

J#

```
/** @property */
public int get_Count ()
```

JScript

```
public override function get Count () : int
```

## Property Value

The number of items in the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.IsFixedSize Property

Gets a value that indicates whether the collection is a fixed size.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsFixedSize As Boolean
```

C#

```
public override bool IsFixedSize { get; }
```

C++

```
public:
virtual property bool IsFixedSize {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsFixedSize ()
```

JScript

```
public override function get IsFixedSize () : boolean
```

## Property Value

**true** if the collection is a fixed size; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.IsReadOnly Property

Gets a value that indicates whether the collection is read-only.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property IsReadOnly As Boolean
```

C#

```
public override bool IsReadOnly { get; }
```

C++

```
public:
virtual property bool IsReadOnly {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsReadOnly ()
```

JScript

```
public override function get IsReadOnly () : boolean
```

## Property Value

**true** if the collection is read-only; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.IsSynchronized Property

Gets a value that indicates whether the collection is synchronized.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<BrowsableAttribute(False)> _
<DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)> _
Public Overrides ReadOnly Property IsSynchronized As Boolean
```

C#

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility.Hidden)]
public override bool IsSynchronized { get; }
```

C++

```
[BrowsableAttribute(false)]
[DesignerSerializationVisibilityAttribute(DesignerSerializationVisibility::Hidden)]
public:
virtual property bool IsSynchronized {
    bool get () override;
}
```

J#

```
/** @property */
public boolean get_IsSynchronized ()
```

JScript

```
public override function get IsSynchronized () : boolean
```

## Property Value

**true** if the collection is synchronized; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileParameterCollection.Item Property

Gets or sets a HostFileParameter in the collection.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">Item(Int32)</a>	Gets or sets the HostFileParameter at the specified index.
	<a href="#">Item(String)</a>	Gets or sets the HostFileParameter with the specified name.

See Also

[HostFileParameterCollection Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## HostFileParameterCollection.Item Property (Int32)

Gets or sets the HostFileParameter at the specified index.

Syntax

C#

```
public HostFileParameter this[
    int index
] { get; set; }
```

C++

```
public:
property HostFileParameter^ default[
    int index
] {
    HostFileParameter^ get(int index);
    void set(int index, HostFileParameter^ value);
}
```

F#

```
member Item :
    index:int -> HostFileParameter with get, set
```

VB

```
Public Property Item (
    index As Integer
) As HostFileParameter
```

## Parameters

*index*

Type: [System.Int32](#)

The zero-based index of the parameter.

## Property Value

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The HostFileParameter at the specified index.

[Return to top](#)

## HostFileParameterCollection.Item Property (String)

Gets or sets the HostFileParameter with the specified name.

Syntax

C#

```
public HostFileParameter this[
    string parameterName
] { get; set; }
```

C++

```
public:
property HostFileParameter^ default[
    String^ parameterName
] {
    HostFileParameter^ get(String^ parameterName);
    void set(String^ parameterName, HostFileParameter^ value);
}
```

F#

```
member Item :
    parameterName:string -> HostFileParameter with get, set
```

VB

```
Public Property Item (
    parameterName As String
) As HostFileParameter
```

#### Parameters

*parameterName*

Type: [System.String](#)

The name of the parameter.

#### Property Value

Type: [Microsoft.HostIntegration.MsHostFileClient.HostFileParameter](#)

The HostFileParameter with the specified name, or **null** reference (Nothing in Visual Basic) if the parameter is not found.

[Return to top](#)

# HostFileParameterCollection.Item Property (Int32)

Gets or sets the HostFileParameter at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Default Property Item ( _
    index As Integer _
) As HostFileParameter
```

C#

```
public HostFileParameter this [
    int index
] { get; set; }
```

C++

```
public:
property HostFileParameter^ default [int] {
    HostFileParameter^ get (int index);
    void set (int index, HostFileParameter^ value);
}
```

J#

```
/** @property */
public HostFileParameter get_Item (int index)

/** @property */
public void set_Item (int index, HostFileParameter value)
```

JScript

## Parameters

index

The zero-based index of the parameter.

## Property Value

The HostFileParameter at the specified index.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.Item Property (String)

Gets or sets the HostFileParameter with the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Default Property Item ( _
    parameterName As String _
) As HostFileParameter
```

C#

```
public HostFileParameter this [
    string parameterName
] { get; set; }
```

C++

```
public:
property HostFileParameter^ default [String^] {
    HostFileParameter^ get (String^ parameterName);
    void set (String^ parameterName, HostFileParameter^ value);
}
```

J#

```
/** @property */
public HostFileParameter get_Item (String parameterName)

/** @property */
public void set_Item (String parameterName, HostFileParameter value)
```

JScript

## Parameters

parameterName

The name of the parameter.

## Property Value

The HostFileParameter with the specified name, or **null** reference (Nothing in Visual Basic) if the parameter is not found.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileParameterCollection.SyncRoot Property

Gets an object to be used to synchronize access to the collection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides ReadOnly Property SyncRoot As Object
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override Object SyncRoot { get; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property Object^ SyncRoot {
    Object^ get () override;
}
```

J#

```
/** @property */
public Object get_SyncRoot ()
```

JScript

```
public override function get SyncRoot () : Object
```

## Property Value

An object to be used to synchronize access to the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileParameterCollection Class](#)

[HostFileParameterCollection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory Class

This API supports the product infrastructure and is not intended to be used directly from your code.

Represents a set of methods for creating instances of the [Microsoft.HostIntegration.MsHostFileClient](#) provider's implementation of the data source classes.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy [System.Object](#)

[System.Data.Common.DbProviderFactory](#)

**Microsoft.HostIntegration.MsHostFileClient.HostFileProviderFactory**

Syntax

C#

```
public sealed class HostFileProviderFactory : DbProviderFactory
```

C++

```
public ref class HostFileProviderFactory sealed : DbProviderFactory
```


F#

```
[<Sealed>]
type HostFileProviderFactory =
    class
        inherit DbProviderFactory
    end
```



VB

```
Public NotInheritable Class HostFileProviderFactory
    Inherits DbProviderFactory
```






Constructors

	Name	Description
	<a href="#">HostFileProviderFactory()</a>	Initializes a new instance of the <b>HostFileProviderFactory</b> class.








Properties

	Name	Description
	<a href="#">CanCreateDataSourceEnumerator</a>	(Inherited from <a href="#">DbProviderFactory</a> .)
	<a href="#">Instance</a>	

Methods

	Name	Description
	<a href="#">CreateCommand()</a>	Returns a new instance of the provider's class that implements the DbCommand class.( Overrides <a href="#">DbProviderFactory.CreateCommand()</a> .)
	<a href="#">CreateCommandBuilder()</a>	(Inherited from <a href="#">DbProviderFactory</a> .)
	<a href="#">CreateConnection()</a>	Returns a new instance of the provider's class that implements the DbConnection class.( Overrides <a href="#">DbProviderFactory.CreateConnection()</a> .)
	<a href="#">CreateConnectionStringBuilder()</a>	Returns a new instance of the provider's class that implements the DbConnectionString Builder class.(Overrides <a href="#">DbProviderFactory.CreateConnectionStringBuilder()</a> .)
	<a href="#">CreateDataAdapter()</a>	Returns a new instance of the provider's class that implements the DbDataAdapter class .(Overrides <a href="#">DbProviderFactory.CreateDataAdapter()</a> .)



 <a href="#">CreateDataSourceEnumerator()</a>	(Inherited from <a href="#">DbProviderFactory</a> .)
 <a href="#">CreateParameter()</a>	Returns a new instance of the provider's class that implements the DbParameter class.( Overrides <a href="#">DbProviderFactory.CreateParameter()</a> .)
 <a href="#">CreatePermission(PermissionState)</a>	(Inherited from <a href="#">DbProviderFactory</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

# HostFileProviderFactory Members

Represents a set of methods for creating instances of the [Microsoft.HostIntegration.MsHostFileClient](#) provider's implementation of the data source classes.


The following tables list the members exposed by the [HostFileProviderFactory](#) type.

## Public Constructors

Name	Description
<a href="#">HostFileProviderFactory</a>	Initializes a new instance of the <a href="#">HostFileProviderFactory</a> class.


## Top

## Public Fields

Name	Description
 <a href="#">Instance</a>	Specifies an instance of the <b>HostFileProviderFactory</b> class.














## Top

## Public Properties

Name	Description
 <a href="#">CanCreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CreateCommand</a>	Overridden. Returns a new instance of the provider's class that implements the DbComm and class.
 <a href="#">CreateCommandBuilder</a>	Overridden. Returns a new instance of the provider's class that implements the DbComm andBuilder class.
 <a href="#">CreateConnection</a>	Overridden. Returns a new instance of the provider's class that implements the DbConne ction class.
 <a href="#">CreateConnectionStringBuilder</a>	Overridden. Returns a new instance of the provider's class that implements the DbConne ctionStringBuilder class.
 <a href="#">CreateDataAdapter</a>	Overridden. Returns a new instance of the provider's class that implements the DbDataAd apter class.
 <a href="#">CreateDataSourceEnumerator</a>	Overridden. Returns a new instance of the provider's class that implements the DbDataSo urceEnumerator class.
 <a href="#">CreateParameter</a>	Overridden. Returns a new instance of the provider's class that implements the DbParam eter class.
 <a href="#">CreatePermission</a>	Overridden. Returns a new instance of the provider's class that implements the provider's version of the CodeAccessPermission class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

## See Also


## Reference

[HostFileProviderFactory Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory Fields

Public Fields

	Name	Description
	<a href="#">Instance</a>	Specifies an instance of the <a href="#">HostFileProviderFactory</a> class.

See Also

Reference

[HostFileProviderFactory Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.Instance Field

This field supports the infrastructure and is not intended to be used directly from your code.

Specifies an instance of the [HostFileProviderFactory](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Instance As HostFileProviderFactory
```

C#

```
public static readonly HostFileProviderFactory Instance
```

C++

```
public:
static initonly HostFileProviderFactory^ Instance
```

J#

```
public static final HostFileProviderFactory Instance
```

JScript

```
public static final var Instance : HostFileProviderFactory
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory Constructor

This constructor supports the infrastructure and is not intended to be used directly from your code.

Initializes a new instance of the [HostFileProviderFactory](#) class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public HostFileProviderFactory ()
```

C++

```
public:
HostFileProviderFactory ()
```

J#

```
public HostFileProviderFactory ()
```

JScript

```
public function HostFileProviderFactory ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**















[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CreateCommand</a>	Overridden. Returns a new instance of the provider's class that implements the DbCommand class.
	<a href="#">CreateCommandBuilder</a>	Overridden. Returns a new instance of the provider's class that implements the DbCommandBuilder class.
	<a href="#">CreateConnection</a>	Overridden. Returns a new instance of the provider's class that implements the DbConnection class.
	<a href="#">CreateConnectionStringBuilder</a>	Overridden. Returns a new instance of the provider's class that implements the DbConnectionStringBuilder class.
	<a href="#">CreateDataAdapter</a>	Overridden. Returns a new instance of the provider's class that implements the DbDataAdapter class.
	<a href="#">CreateDataSourceEnumerator</a>	Overridden. Returns a new instance of the provider's class that implements the DbDataSourceEnumerator class.
	<a href="#">CreateParameter</a>	Overridden. Returns a new instance of the provider's class that implements the DbParameter class.
	<a href="#">CreatePermission</a>	Overridden. Returns a new instance of the provider's class that implements the provider's version of the CodeAccessPermission class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[HostFileProviderFactory Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateCommand Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbCommand class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateCommand As DbCommand
```

C#

```
public override DbCommand CreateCommand ()
```

C++

```
public:
virtual DbCommand^ CreateCommand () override
```

J#

```
public DbCommand CreateCommand ()
```

JScript

```
public override function CreateCommand () : DbCommand
```

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateCommandBuilder Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbCommandBuilder class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function CreateCommandBuilder As DbCommandBuilder
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override DbCommandBuilder CreateCommandBuilder ()
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual DbCommandBuilder^ CreateCommandBuilder () override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public DbCommandBuilder CreateCommandBuilder ()
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function CreateCommandBuilder () : DbCommandBuilder
```

## Return Value

A new instance of the provider's class.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileProviderFactory.CreateConnection Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbConnection class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateConnection As DbConnection
```

C#

```
public override DbConnection CreateConnection ()
```

C++

```
public:
virtual DbConnection^ CreateConnection () override
```

J#

```
public DbConnection CreateConnection ()
```

JScript

```
public override function CreateConnection () : DbConnection
```

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateConnectionStringBuilder Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbConnectionStringBuilder class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function CreateConnectionStringBuilder As DbConnectionStringBuilder
```

C#

```
public override DbConnectionStringBuilder CreateConnectionStringBuilder ()
```

C++

```
public:  
virtual DbConnectionStringBuilder^ CreateConnectionStringBuilder () override
```

J#

```
public DbConnectionStringBuilder CreateConnectionStringBuilder ()
```

JScript

```
public override function CreateConnectionStringBuilder () : DbConnectionStringBuilder
```

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateDataAdapter Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbDataAdapter class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateDataAdapter As DbDataAdapter
```

C#

```
public override DbDataAdapter CreateDataAdapter ()
```

C++

```
public:
virtual DbDataAdapter^ CreateDataAdapter () override
```

J#

```
public DbDataAdapter CreateDataAdapter ()
```

JScript

```
public override function CreateDataAdapter () : DbDataAdapter
```

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateDataSourceEnumerator Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbDataSourceEnumerator class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function CreateDataSourceEnumerator As DbDataSourceEnumerator
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override DbDataSourceEnumerator CreateDataSourceEnumerator ()
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual DbDataSourceEnumerator^ CreateDataSourceEnumerator () override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public DbDataSourceEnumerator CreateDataSourceEnumerator ()
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function CreateDataSourceEnumerator () : DbDataSourceEnumerator
```

## Return Value

A new instance of the provider's class.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreateParameter Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the DbParameter class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateParameter As DbParameter
```

C#

```
public override DbParameter CreateParameter ()
```

C++

```
public:
virtual DbParameter^ CreateParameter () override
```

J#

```
public DbParameter CreateParameter ()
```

JScript

```
public override function CreateParameter () : DbParameter
```

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileProviderFactory Class](#)

[HostFileProviderFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileProviderFactory.CreatePermission Method

This method supports the infrastructure and is not intended to be used directly from your code.

Returns a new instance of the provider's class that implements the provider's version of the CodeAccessPermission class.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function CreatePermission ( _
    state As PermissionState _
) As CodeAccessPermission
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override CodeAccessPermission CreatePermission (
    PermissionState state
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual CodeAccessPermission^ CreatePermission (
    PermissionState state
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public CodeAccessPermission CreatePermission (
    PermissionState state
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function CreatePermission (
    state : PermissionState
) : CodeAccessPermission
```

## Parameters

state

The value of the state.

## Return Value

A new instance of the provider's class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also


## Reference

[HostFileProviderFactory Class](#)



# HostFileProviderFactory Properties

Public Properties

	Name	Description
	<a href="#">CanCreateDataSourceEnumerator</a>	(inherited from <a href="#">DbProviderFactory</a> )

See Also

Reference

[HostFileProviderFactory Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileRecordSet Class

Represents the host file record set.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.Data.Common.DbDataReader](#)  
[Microsoft.HostIntegration.MsHostFileClient.UpdateableDataRecord](#)  
**Microsoft.HostIntegration.MsHostFileClient.HostFileRecordSet**

Syntax

















```
C#  
  
public abstract class HostFileRecordSet : UpdateableDataRecord,  
    IDataRecordSet, IUpdateableDataRecord, IDataRecord
```

```
C++  
  
public ref class HostFileRecordSet abstract : UpdateableDataRecord,  
    IDataRecordSet, IUpdateableDataRecord, IDataRecord
```



```
F#  
  
[<AbstractClass>]  
type HostFileRecordSet =  
    class  
        inherit UpdateableDataRecord  
        interface IDataRecordSet  
        interface IUpdateableDataRecord  
        interface IDataRecord  
    end
```
















```
VB  
  
Public MustInherit Class HostFileRecordSet  
    Inherits UpdateableDataRecord  
    Implements IDataRecordSet, IUpdateableDataRecord, IDataRecord
```
















## Properties

















Name	Description
 <a href="#">DeleteCapable</a>	Gets a value that indicates whether the recordset can be deleted.
 <a href="#">Depth</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">FieldCount</a>	Gets the number of columns in the current row.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">HasRows</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">InsertCapable</a>	Gets a value that indicates whether the recordset can have a record inserted into it.
 <a href="#">IsClosed</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">Item(Int32)</a>	Gets the column located at the specified index.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Item(Int32, DataRecordVersion)</a>	Gets the column with the specified index and version.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Item(String)</a>	Gets the column with the specified name.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Item(String, DataRecordVersion)</a>	Gets the column with the specified name and version.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Position</a>	Gets or sets the position of the recordset.
 <a href="#">RecordsAffected</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">RecordsCount</a>	Gets a value that determines the number of records in the recordset.
 <a href="#">State</a>	Gets the state of the current instance.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">UpdateCapable</a>	Gets a value that indicates whether the recordset can be updated.
 <a href="#">VisibleFieldCount</a>	(Inherited from <a href="#">DbDataReader</a> .)











































## Methods

Name	Description
 <a href="#">AddNew()</a>	Adds a new column to the current instance.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Close()</a>	(Inherited from <a href="#">DbDataReader</a> .)

 <a href="#">CreateObjRef(Type)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">Delete()</a>	Deletes the current instance.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Dispose()</a>	Releases all resources used by the current instance of the <b>HostFileRecordSet</b> .
 <a href="#">Dispose(Boolean)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">FillRow(DataRow, DataTableMappingCollection, DataColumnMappingCollection, SchemaType, MissingSchemaAction, MissingMappingAction)</a>	Fills the row with the specified objects.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">FillSchema(String, ICollection&lt;DataTable&gt;, DataSet, DataTableMappingCollection, SchemaType, MissingMappingAction, DataColumnMappingCollection)</a>	Fills the schema with the specified objects.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetBoolean(Int32)</a>	Retrieves the value of the specified column as a Boolean.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetByte(Int32)</a>	Retrieves the 8-bit unsigned integer value of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetBytes(Int32, Int64, Byte[], Int32, Int32)</a>	Reads a stream of bytes from the specified column offset into the buffer as an array, starting at the given buffer offset.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetChar(Int32)</a>	Retrieves the character value of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetData(Int32)</a>	Retrieves the data value of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetDataTypeName(Int32)</a>	Retrieves the data type name.(Inherited from <a href="#">UpdateableDataRecord</a> .)


 <a href="#">GetDateTime(Int32)</a>	Retrieves the value of the specified column as a DateTime object.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetDbDataReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetDecimal(Int32)</a>	Retrieves the value of the specified column as a Decimal object.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetDouble(Int32)</a>	Retrieves the value of the specified column as a double-precision floating point number.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetFieldType(Int32)</a>	Retrieves the Type that is the data type of the object.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetFieldValue&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFloat(Int32)</a>	Retrieves the value of the specified column as a single-precision floating point number.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetGuid(Int32)</a>	Retrieves the value of the specified column as a globally unique identifier (GUID).(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetInt16(Int32)</a>	Retrieves the value of the specified column as a 16-bit signed integer.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetInt32(Int32)</a>	Retrieves the value of the specified column as a 32-bit signed integer.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetInt64(Int32)</a>	Retrieves the value of the specified column as a 64-bit signed integer.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)

 <a href="#">GetName(Int32)</a>	Retrieves the name of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetOrdinal(String)</a>	Retrieves the ordinal of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetProviderType(Int32)</a>	Retrieves the provider of the specified record.
 <a href="#">GetRecordSet(Int32)</a>	Retrieves the recordset of the column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetSchemaTable()</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetSchemaTable(String)</a>	Returns a DataTable that describes the column metadata of the updateable data record.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetStream(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetString(Int32)</a>	Retrieves the value of the column as a string.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetTextReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetValue()</a>	Returns the value of the specified column.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetValue(Int32)</a>	Returns the value of the specified record.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetValue(Int32, DataRecordVersion)</a>	Returns the value of the column with the specified index and version.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">GetValues(Object[])</a>	Returns an array of objects with the column values of the current record.(Inherited from <a href="#">UpdateableDataRecord</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">InternalDispose()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Releases all resources used by the current instance of the <b>HostFileRecordSet</b> .

  <a href="#">IsDBNull(Int32)</a>	Returns a value that indicates whether the column contains non-existent or missing values.(Inherited from <a href="#">UpdateableDataRecord</a> .)
  <a href="#">IsDBNullAsync(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">IsDBNullAsync(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">LoadRow(DataRow, DataTableMappingCollection, DataColumnMappingCollection, SchemaType, MissingSchemaAction, MissingMappingAction)</a>	Loads the row of the specified record.(Inherited from <a href="#">UpdateableDataRecord</a> .)
  <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
  <a href="#">MemberwiseClone(Boolean)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
  <a href="#">MoveBottom()</a>	Moves the cursor to the bottom of the current recordset.
  <a href="#">MoveNext()</a>	Moves the cursor to the next record in the recordset.
  <a href="#">MovePrevious()</a>	Moves the cursor to the previous record in the recordset.
  <a href="#">MoveTop()</a>	Moves the cursor to the top of the recordset.
  <a href="#">MoveToPosition(Int32)</a>	Moves the cursor to the specified position in the recordset.
  <a href="#">NextResult()</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">NextResultAsync()</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">NextResultAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">Read()</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">ReadAsync()</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">ReadAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
  <a href="#">SetValue(Int32, Object)</a>	Specifies the value of the updateable data record using the specified index and value.(Inherited from <a href="#">UpdateableDataRecord</a> .)
  <a href="#">SetValue(Object)</a>	Specifies the value of the updateable data record using the specified value.(Inherited from <a href="#">UpdateableDataRecord</a> .)
  <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
  <a href="#">Update()</a>	Updates the specified data record.(Inherited from <a href="#">UpdateableDataRecord</a> .)

#### Explicit Interface Implementations

Name	Description
------	-------------

	<a href="#">DataRecord.GetData(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
---	---	---

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)














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# HostFileRecordSet Members

Represents the host file record set.




The following tables list the members exposed by the [HostFileRecordSet](#) type.






















## Public Properties

	Name	Description
	<a href="#">DeleteCapable</a>	Gets a value that indicates whether the recordset can be deleted.
	<a href="#">Depth</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">FieldCount</a>	Gets the number of columns in the current row. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">HasRows</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">InsertCapable</a>	Gets a value that indicates whether the recordset can have a record inserted into it.
	<a href="#">IsClosed</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Position</a>	Gets or sets the position of the recordset.
	<a href="#">RecordsAffected</a>	Overridden. Gets a value that determines the number of records affected.
	<a href="#">RecordsCount</a>	Gets a value that determines the number of records in the recordset.
	<a href="#">State</a>	Gets the state of the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">UpdateCapable</a>	Gets a value that indicates whether the recordset can be updated.
	<a href="#">VisibleFieldCount</a>	Overridden. Gets a value that determines the number of visible fields in the recordset.

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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Close</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Delete</a>	Deletes the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetByte</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetBytes</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetChar</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetChars</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetData</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDataTypeName</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDateTime</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDecimal</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDouble</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetEnumerator</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetFieldType</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetFloat</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetGuid</a>	Overridden. Retrieves the GUID for the specified record.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetInt32</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetInt64</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetOrdinal</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )

	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderType</a>	Retrieves the provider of the specified record.
	<a href="#">GetRecordSet</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetString</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetValues</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">MoveBottom</a>	Moves the cursor to the bottom of the current recordset.
	<a href="#">MoveNext</a>	Moves the cursor to the next record in the recordset.
	<a href="#">MovePrevious</a>	Moves the cursor to the previous record in the recordset.
	<a href="#">MoveTop</a>	Moves the cursor to the top of the recordset.
	<a href="#">MoveToPosition</a>	Moves the cursor to the specified position in the recordset.
	<a href="#">NextResult</a>	Overridden. Moves the cursor to the next result in the recordset.
	<a href="#">Read</a>	(inherited from <a href="#">DbDataReader</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetValue</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Update</a>	Updates the specified data record. (inherited from <a href="#">UpdateableDataRecord</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">FillRow</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">FillSchema</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">InternalDispose</a>	Releases all resources used by the current instance of the <a href="#">HostFileRecordSet</a> .
	<a href="#">LoadRow</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetValue</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )

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#### Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )
<a href="#">Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )

[Top](#)

See Also

#### Reference






































[HostFileRecordSet Class](#)








[Microsoft.HostIntegration.MsHostFileClient Namespace](#)
























# HostFileRecordSet Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Close</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Delete</a>	Deletes the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetByte</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetBytes</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetChar</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetChars</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetData</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDataTypeName</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDateTime</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDecimal</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetDouble</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetEnumerator</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetFieldType</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetFloat</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetGuid</a>	Overridden. Retrieves the GUID for the specified record.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetInt32</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetInt64</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetOrdinal</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderType</a>	Retrieves the provider of the specified record.
	<a href="#">GetRecordSet</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetString</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">GetValues</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">MoveBottom</a>	Moves the cursor to the bottom of the current recordset.
	<a href="#">MoveNext</a>	Moves the cursor to the next record in the recordset.
	<a href="#">MovePrevious</a>	Moves the cursor to the previous record in the recordset.
	<a href="#">MoveTop</a>	Moves the cursor to the top of the recordset.
	<a href="#">MoveToPosition</a>	Moves the cursor to the specified position in the recordset.

	<a href="#">NextResult</a>	Overridden. Moves the cursor to the next result in the recordset.
	<a href="#">Read</a>	(inherited from <a href="#">DbDataReader</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetValue</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Update</a>	Updates the specified data record. (inherited from <a href="#">UpdateableDataRecord</a> )

#### Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	 <a href="#">FillRow</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	 <a href="#">FillSchema</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	 <a href="#">GetSchemaTable</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	 <a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column. (inherited from <a href="#">UpdateableDataRecord</a> )
	 <a href="#">InternalDispose</a>	Releases all resources used by the current instance of the <a href="#">HostFileRecordSet</a> .
	 <a href="#">LoadRow</a>	(inherited from <a href="#">UpdateableDataRecord</a> )
	 <a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	 <a href="#">SetValue</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )

#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

#### Reference

[HostFileRecordSet Class](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.Dispose Method

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">Dispose()</a>	Releases all resources used by the current instance of the <a href="#">HostFileRecordSet</a> .
	<a href="#">Dispose(Boolean)</a>	(Inherited from <a href="#">DbDataReader</a> .)

## See Also

[HostFileRecordSet Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## HostFileRecordSet.Dispose Method ()

Releases all resources used by the current instance of the [HostFileRecordSet](#).

## Syntax

### C#

```
public void Dispose()
```

### C++

```
public:  
void Dispose()
```

### F#

```
member Dispose : unit -> unit
```

### VB

```
Public Sub Dispose
```

[Return to top](#)

# HostFileRecordSet.Dispose Method ()

Releases all resources used by the current instance of the [HostFileRecordSet](#).

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:
void Dispose ()
```

J#

```
public void Dispose ()
```

JScript

```
public function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.GetGuid Method

Retrieves the GUID for the specified record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function GetGuid ( _
    i As Integer _
) As Guid
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override Guid GetGuid (
    int i
)
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual Guid GetGuid (
    int i
) override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public Guid GetGuid (
    int i
)
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function GetGuid (
    i : int
) : Guid
```

## Parameters

i

The index of the specified record.

## Return Value

The GUID of the specified record.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileRecordSet.GetProviderType Method

Retrieves the provider of the specified record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetProviderType ( _
    i As Integer _
) As HostFileType
```

C#

```
public HostFileType GetProviderType (
    int i
)
```

C++

```
public:
HostFileType GetProviderType (
    int i
)
```

J#

```
public HostFileType GetProviderType (
    int i
)
```

JScript

```
public function GetProviderType (
    i : int
) : HostFileType
```

## Parameters

i

The index of the specified record.

## Return Value

The provider of the specified record.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.InternalDispose Method

This method supports the infrastructure and is not intended to be used directly from your code.

Releases all resources used by the current instance of the [HostFileRecordSet](#).

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalDispose
```

C#

```
protected virtual void InternalDispose ()
```

C++

```
protected:
virtual void InternalDispose ()
```

J#

```
protected void InternalDispose ()
```

JScript

```
protected function InternalDispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileRecordSet.MoveBottom Method

Moves the cursor to the bottom of the current recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function MoveBottom As Boolean
```

C#

```
public abstract bool MoveBottom ()
```

C++

```
public:
virtual bool MoveBottom () abstract
```

J#

```
public abstract boolean MoveBottom ()
```

JScript

```
public abstract function MoveBottom () : boolean
```

## Return Value

**true** if successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.MoveNext Method

Moves the cursor to the next record in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public MustOverride Function MoveNext As Boolean
```

C#

```
public abstract bool MoveNext ()
```

C++

```
public:  
virtual bool MoveNext () abstract
```

J#

```
public abstract boolean MoveNext ()
```

JScript

```
public abstract function MoveNext () : boolean
```

## Return Value

**true** if successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.MovePrevious Method

Moves the cursor to the previous record in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function MovePrevious As Boolean
```

C#

```
public abstract bool MovePrevious ()
```

C++

```
public:
virtual bool MovePrevious () abstract
```

J#

```
public abstract boolean MovePrevious ()
```

JScript

```
public abstract function MovePrevious () : boolean
```

## Return Value

**true** if successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.MoveTop Method

Moves the cursor to the top of the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function MoveTop As Boolean
```

C#

```
public abstract bool MoveTop ()
```

C++

```
public:
virtual bool MoveTop () abstract
```

J#

```
public abstract boolean MoveTop ()
```

JScript

```
public abstract function MoveTop () : boolean
```

## Return Value

**true** if successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.MoveToPosition Method

Moves the cursor to the specified position in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Function MoveToPosition ( _
    position As Integer _
) As Boolean
```

C#

```
public abstract bool MoveToPosition (
    int position
)
```

C++

```
public:
virtual bool MoveToPosition (
    int position
) abstract
```

J#

```
public abstract boolean MoveToPosition (
    int position
)
```

JScript

```
public abstract function MoveToPosition (
    position : int
) : boolean
```

## Parameters

position

The specified position to move the cursor to.

## Return Value

**true** if successful; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.NextResult Method

Moves the cursor to the next result in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides Function NextResult As Boolean
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override bool NextResult ()
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual bool NextResult () override
```

J#

```
/** @attribute EditorBrowsableAttribute(EditorBrowsableState.Never) */
public boolean NextResult ()
```

JScript

```
EditorBrowsableAttribute(EditorBrowsableState.Never)
public override function NextResult () : boolean
```

## Return Value

**true** if successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet Properties

Public Properties

	Name	Description
	<a href="#">DeleteCapable</a>	Gets a value that indicates whether the recordset can be deleted.
	<a href="#">Depth</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">FieldCount</a>	Gets the number of columns in the current row. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">HasRows</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">InsertCapable</a>	Gets a value that indicates whether the recordset can have a record inserted into it.
	<a href="#">IsClosed</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">Position</a>	Gets or sets the position of the recordset.
	<a href="#">RecordsAffected</a>	Overridden. Gets a value that determines the number of records affected.
	<a href="#">RecordsCount</a>	Gets a value that determines the number of records in the recordset.
	<a href="#">State</a>	Gets the state of the current instance. (inherited from <a href="#">UpdateableDataRecord</a> )
	<a href="#">UpdateCapable</a>	Gets a value that indicates whether the recordset can be updated.
	<a href="#">VisibleFieldCount</a>	Overridden. Gets a value that determines the number of visible fields in the recordset.

Explicit Interface Implementations

Name	Description
<a href="#">Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item</a>	Overloaded. (inherited from <a href="#">UpdateableDataRecord</a> )

See Also

Reference

[HostFileRecordSet Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.DeleteCapable Property

Gets a value that indicates whether the recordset can be deleted.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property DeleteCapable As Boolean
```

C#

```
public abstract bool DeleteCapable { get; }
```

C++

```
public:
virtual property bool DeleteCapable {
    bool get () abstract;
}
```

J#

```
/** @property */
public abstract boolean get_DeleteCapable ()
```

JScript

```
public abstract function get DeleteCapable () : boolean
```

## Property Value

**true** if the recordset can be deleted; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# HostFileRecordSet.InsertCapable Property

Gets a value that indicates whether the recordset can have a record inserted into it.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property InsertCapable As Boolean
```

C#

```
public abstract bool InsertCapable { get; }
```

C++

```
public:
virtual property bool InsertCapable {
    bool get () abstract;
}
```

J#

```
/** @property */
public abstract boolean get_InsertCapable ()
```

JScript

```
public abstract function get InsertCapable () : boolean
```

## Property Value

**true** if the recordset can have a record inserted into it; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.Position Property

Gets or sets the position of the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Property Position As Integer
```

C#

```
public virtual int Position { get; set; }
```

C++

```
public:
virtual property int Position {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Position ()

/** @property */
public void set_Position (int value)
```

JScript

```
public function get Position () : int

public function set Position (value : int)
```

## Property Value

The position of the recordset.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.RecordsAffected Property

Gets a value that determines the number of records affected.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides ReadOnly Property RecordsAffected As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int RecordsAffected { get; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int RecordsAffected {
    int get () override;
}
```

J#

```
/** @property */
public int get_RecordsAffected ()
```

JScript

```
public override function get RecordsAffected () : int
```

## Property Value

The number of records affected.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.RecordsCount Property

Gets a value that determines the number of records in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable ReadOnly Property RecordsCount As Integer
```

C#

```
public virtual int RecordsCount { get; }
```

C++

```
public:
virtual property int RecordsCount {
    int get ();
}
```

J#

```
/** @property */
public int get_RecordsCount ()
```

JScript

```
public function get RecordsCount () : int
```

## Property Value

The number of records in the recordset.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.UpdateCapable Property

Gets a value that indicates whether the recordset can be updated.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property UpdateCapable As Boolean
```

C#

```
public abstract bool UpdateCapable { get; }
```

C++

```
public:
virtual property bool UpdateCapable {
    bool get () abstract;
}
```

J#

```
/** @property */
public abstract boolean get_UpdateCapable ()
```

JScript

```
public abstract function get UpdateCapable () : boolean
```

## Property Value

**true** if the recordset can be updated; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileRecordSet.VisibleFieldCount Property

Gets a value that determines the number of visible fields in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<EditorBrowsableAttribute(EditorBrowsableState.Never)> _
Public Overrides ReadOnly Property VisibleFieldCount As Integer
```

C#

```
[EditorBrowsableAttribute(EditorBrowsableState.Never)]
public override int VisibleFieldCount { get; }
```

C++

```
[EditorBrowsableAttribute(EditorBrowsableState::Never)]
public:
virtual property int VisibleFieldCount {
    int get () override;
}
```

J#

```
/** @property */
public int get_VisibleFieldCount ()
```

JScript

```
public override function get VisibleFieldCount () : int
```

## Property Value

The number of visible fields in the recordset.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostFileRecordSet Class](#)

[HostFileRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# HostFileType Enumeration

Specifies the host file types.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum HostFileType
```

C++

```
public enum class HostFileType
```

F#

```
type HostFileType
```

VB

```
Public Enumeration HostFileType
```

Members

Member name	Description
<b>BigInt</b>	The type is Bigint.
<b>Char</b>	The type is Character.
<b>CharForBit</b>	The type is CharForBit.
<b>Date</b>	The type is Date.
<b>Decimal</b>	The type is Decimal.
<b>Double</b>	The type is Double.
<b>Graphic</b>	The type is Graphic.
<b>Int</b>	The type is Integer.
<b>Numeric</b>	The type is Numeric.
<b>Real</b>	The type is Real.
<b>SmallInt</b>	The type is Small Integer.
<b>Time</b>	The type is Time.
<b>Timestamp</b>	The type is Timestamp.
<b>UDT</b>	The type is UDT.
<b>VarChar</b>	The type is VarChar.
<b>VarCharForBit</b>	The type is VarCharForBit.
<b>VarGraphic</b>	The type is VarGraphic.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# HostServerClass Enumeration

Specifies the type of the host system.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum HostServerClass
```

C++

```
public enum class HostServerClass
```

F#

```
type HostServerClass
```

VB

```
Public Enumeration HostServerClass
```

Members

Member name	Description
HostAIX	The class is HostAIX.
HostAS400	The class is HostAS400.
HostMVS	The class is HostMVS.
HostNT	The class is HostNT.
HostOS2	The class is HostOS2.
HostRS6000	The class is HostRS6000.
HostSys36	The class is HostSys36.
HostUndefined	

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

# IAccessDDMObj Interface

Represents an interface for communicating with the DDM Server.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")> _
<TypeLibTypeAttribute(4160)> _
Public Interface IAccessDDMObj
```

C#

```
[GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")]
[TypeLibTypeAttribute(4160)]
public interface IAccessDDMObj
```

C++

```
[GuidAttribute(L"EB3F2036-D6EF-4B2D-A580-75B9B5099D99")]
[TypeLibTypeAttribute(4160)]
public interface class IAccessDDMObj
```

J#

```
/** @attribute GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99") */
/** @attribute TypeLibTypeAttribute(4160) */
public interface IAccessDDMObj
```

JScript

```
GuidAttribute("EB3F2036-D6EF-4B2D-A580-75B9B5099D99")
TypeLibTypeAttribute(4160)
public interface IAccessDDMObj
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Members](#)






















[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj Members

Represents an interface for communicating with the DDM Server.

The following tables list the members exposed by the [IAccessDDMObj](#) type.

## Public Methods

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the file.
	<a href="#">Connect</a>	Connects the specified object to the file.
	<a href="#">Delete</a>	Deletes the current file.
	<a href="#">Disconnect</a>	Stops an object from receiving any command.
	<a href="#">ExecuteCommand</a>	Executes the command.
	<a href="#">Fetch</a>	Retrieves the connection.
	<a href="#">GetServerInfo</a>	Retrieves the server information.
	<a href="#">Insert</a>	Inserts a specified object in the file.
	<a href="#">LockIt</a>	Locks the file.
	<a href="#">MoveBottom</a>	Moves the specified object at the bottom of the file.
	<a href="#">MoveFirst</a>	Moves the specified object in the beginning of the file.
	<a href="#">MoveLast</a>	Moves the specified object to the last item in the file.
	<a href="#">MoveNext</a>	Moves the object to the next item in the file.
	<a href="#">MovePrev</a>	Moves the object to the previous item in the file.
	<a href="#">MoveTo</a>	Moves the object to the specified location.
	<a href="#">MoveTop</a>	Moves the object to the top list of the file.
	<a href="#">Open</a>	Opens the file.
	<a href="#">SetKeyLimits</a>	Sets the limits of the key.
	<a href="#">UnlockIt</a>	Unlocks the specified file.
	<a href="#">Update</a>	Updates the status of the file.

[Top](#)

See Also






















## Reference

[IAccessDDMObj Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj Methods

## Public Methods

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the file.
	<a href="#">Connect</a>	Connects the specified object to the file.
	<a href="#">Delete</a>	Deletes the current file.
	<a href="#">Disconnect</a>	Stops an object from receiving any command.
	<a href="#">ExecuteCommand</a>	Executes the command.
	<a href="#">Fetch</a>	Retrieves the connection.
	<a href="#">GetServerInfo</a>	Retrieves the server information.
	<a href="#">Insert</a>	Inserts a specified object in the file.
	<a href="#">LockIt</a>	Locks the file.
	<a href="#">MoveBottom</a>	Moves the specified object at the bottom of the file.
	<a href="#">MoveFirst</a>	Moves the specified object in the beginning of the file.
	<a href="#">MoveLast</a>	Moves the specified object to the last item in the file.
	<a href="#">MoveNext</a>	Moves the object to the next item in the file.
	<a href="#">MovePrev</a>	Moves the object to the previous item in the file.
	<a href="#">MoveTo</a>	Moves the object to the specified location.
	<a href="#">MoveTop</a>	Moves the object to the top list of the file.
	<a href="#">Open</a>	Opens the file.
	<a href="#">SetKeyLimits</a>	Sets the limits of the key.
	<a href="#">UnlockIt</a>	Unlocks the specified file.
	<a href="#">Update</a>	Updates the status of the file.

See Also

### Reference

[IAccessDDMObj Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.ClearFile Method

Clears the specified file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(5)> _
Sub ClearFile ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> FileName As String _
)
```

C#

```
[DispIdAttribute(5)]
void ClearFile (
    [InAttribute] short nConnectionId,
    [InAttribute] string FileName
)
```

C++

```
[DispIdAttribute(5)]
void ClearFile (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ FileName
)
```

J#

```
/** @attribute DispIdAttribute(5) */
void ClearFile (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String FileName
)
```

JScript

```
DispIdAttribute(5)
function ClearFile (
    nConnectionId : short,
    FileName : String
)
```

## Parameters

nConnectionId

The identifier of the connection.

FileName

The name of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Close Method

Closes the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(7)> _
Sub Close ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(7)]
void Close (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(7)]
void Close (
    [InAttribute] int plFileId
)
```

J#

```
/** @attribute DispIdAttribute(7) */
void Close (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(7)
function Close (
    plFileId : int
)
```

## Parameters

plFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Connect Method

Connects the specified object to the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(1)> _
Sub Connect ( _
    ConnectionString As String, _
    <InAttribute> <OutAttribute> ByRef ConnectionId As Short, _
    <InAttribute> <OutAttribute> ByRef CCSId As Short _
)
```

C#

```
[DispIdAttribute(1)]
void Connect (
    string ConnectionString,
    [InAttribute] out short ConnectionId,
    [InAttribute] out short CCSId
)
```

C++

```
[DispIdAttribute(1)]
void Connect (
    String^ ConnectionString,
    [InAttribute] [OutAttribute] short% ConnectionId,
    [InAttribute] [OutAttribute] short% CCSId
)
```

J#

```
/** @attribute DispIdAttribute(1) */
void Connect (
    String ConnectionString,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ short Connect
ionId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ short CCSId
)
```

JScript

## Parameters

ConnectionString

The connection string.

ConnectionId

The identifier of the connection.

CCSId

The identifier of the CCS.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.



Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Delete Method

Deletes the current file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(16)> _
Sub Delete ( _
    <InAttribute> lFileId As Integer _
)
```

C#

```
[DispIdAttribute(16)]
void Delete (
    [InAttribute] int lFileId
)
```

C++

```
[DispIdAttribute(16)]
void Delete (
    [InAttribute] int lFileId
)
```

J#

```
/** @attribute DispIdAttribute(16) */
void Delete (
    /** @attribute InAttribute() */ int lFileId
)
```

JScript

```
DispIdAttribute(16)
function Delete (
    lFileId : int
)
```

## Parameters

lFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Disconnect Method

Stops an object from receiving any command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(2)> _
Sub Disconnect ( _
    ConnectionId As Short _
)
```

C#

```
[DispIdAttribute(2)]
void Disconnect (
    short ConnectionId
)
```

C++

```
[DispIdAttribute(2)]
void Disconnect (
    short ConnectionId
)
```

J#

```
/** @attribute DispIdAttribute(2) */
void Disconnect (
    short ConnectionId
)
```

JScript

```
DispIdAttribute(2)
function Disconnect (
    ConnectionId : short
)
```

## Parameters

ConnectionId

The identifier of the connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.ExecuteCommand Method

Executes the command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(4)> _
Sub ExecuteCommand ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> pszCommand As String, _
    <InAttribute> <OutAttribute> ByRef pszReply As String _
)
```

C#

```
[DispIdAttribute(4)]
void ExecuteCommand (
    [InAttribute] short nConnectionId,
    [InAttribute] string pszCommand,
    [InAttribute] out string pszReply
)
```

C++

```
[DispIdAttribute(4)]
void ExecuteCommand (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ pszCommand,
    [InAttribute] [OutAttribute] String^% pszReply
)
```

J#

```
/** @attribute DispIdAttribute(4) */
void ExecuteCommand (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String pszCommand,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ String pszReply
)
```

JScript

## Parameters

nConnectionId

The identifier of the connection.

pszCommand

The command.

pszReply

The reply.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Fetch Method

Retrieves the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(15)> _
Sub Fetch ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer _
)
```

C#

```
[DispIdAttribute(15)]
void Fetch (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord
)
```

C++

```
[DispIdAttribute(15)]
void Fetch (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord
)
```

J#

```
/** @attribute DispIdAttribute(15) */
void Fetch (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
)
```

JScript

## Parameters

lFileId

The identifier of the file.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.GetServerInfo Method

Retrieves the server information.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(3)> _
Sub GetServerInfo ( _
    <InAttribute> nConnectionId As Short, _
    <OutAttribute> ByRef pServerClass As Short, _
    <OutAttribute> ByRef pVersion As Short, _
    <OutAttribute> ByRef pSubVersion As Short, _
    <OutAttribute> ByRef pModification As Short _
)
```

C#

```
[DispIdAttribute(3)]
void GetServerInfo (
    [InAttribute] short nConnectionId,
    out short pServerClass,
    out short pVersion,
    out short pSubVersion,
    out short pModification
)
```

C++

```
[DispIdAttribute(3)]
void GetServerInfo (
    [InAttribute] short nConnectionId,
    [OutAttribute] short% pServerClass,
    [OutAttribute] short% pVersion,
    [OutAttribute] short% pSubVersion,
    [OutAttribute] short% pModification
)
```

J#

```
/** @attribute DispIdAttribute(3) */
void GetServerInfo (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute OutAttribute() */ /** @ref */ short pServerClass,
    /** @attribute OutAttribute() */ /** @ref */ short pVersion,
    /** @attribute OutAttribute() */ /** @ref */ short pSubVersion,
    /** @attribute OutAttribute() */ /** @ref */ short pModification
)
```

JScript

## Parameters

nConnectionId

The identifier of the connection.

pServerClass

The server class.



pVersion

The server version.

pSubVersion

The server subversion.

pModification

The modification.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Insert Method

Inserts a specified object in the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(18)> _
Sub Insert ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> Record As Byte(), _
    <InAttribute> RecordSize As Integer, _
    <InAttribute> insertType As Short, _
    <InAttribute> recNumber As Integer _
)
```

C#

```
[DispIdAttribute(18)]
void Insert (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] Record,
    [InAttribute] int RecordSize,
    [InAttribute] short insertType,
    [InAttribute] int recNumber
)
```

C++

```
[DispIdAttribute(18)]
void Insert (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ Record,
    [InAttribute] int RecordSize,
    [InAttribute] short insertType,
    [InAttribute] int recNumber
)
```

J#

```
/** @attribute DispIdAttribute(18) */
void Insert (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] Record,
    /** @attribute InAttribute() */ int RecordSize,
    /** @attribute InAttribute() */ short insertType,
    /** @attribute InAttribute() */ int recNumber
)
```

JScript

```
DispIdAttribute(18)
function Insert (
    lFileId : int,
    Record : byte[],
    RecordSize : int,
    insertType : short,
    recNumber : int
)
```

## Parameters

FileId

The identifier of the file.

Record

The record.

RecordSize

The size of the record.

insertType

The type of inserted object.

recNumber

The record number.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.LockIt Method

Locks the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(19)> _
Sub LockIt ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> lPosition As Integer _
)
```

C#

```
[DispIdAttribute(19)]
void LockIt (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition
)
```

C++

```
[DispIdAttribute(19)]
void LockIt (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition
)
```

J#

```
/** @attribute DispIdAttribute(19) */
void LockIt (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int lPosition
)
```

JScript

```
DispIdAttribute(19)
function LockIt (
    lFileId : int,
    lPosition : int
)
```

## Parameters

lFileId

The identifier of the file.

lPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.MoveBottom Method

Moves the specified object at the bottom of the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(9)> _
Sub MoveBottom ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(9)]
void MoveBottom (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(9)]
void MoveBottom (
    [InAttribute] int plFileId
)
```

J#

```
/** @attribute DispIdAttribute(9) */
void MoveBottom (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(9)
function MoveBottom (
    plFileId : int
)
```

## Parameters

plFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.MoveFirst Method

Moves the specified object in the beginning of the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(10)> _
Sub MoveFirst ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(10)]
void MoveFirst (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(10)]
void MoveFirst (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(10) */
void MoveFirst (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
    dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
    n
)
```

JScript

## Parameters

lFileId

The identifier of the file.

rgfAccessFlags

The access flags.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IAccessDDMObj.MoveLast Method

Moves the specified object to the last item in the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(11)> _
Sub MoveLast ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(11)]
void MoveLast (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(11)]
void MoveLast (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(11) */
void MoveLast (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
    dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
    n
)
```

JScript

## Parameters

lFileId

The identifier of the file.

rgfAccessFlags

The access flags.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.MoveNext Method

Moves the object to the next item in the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(12)> _
Sub MoveNext ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer, _
    <OutAttribute> ByRef fMoveSucceeded As Integer _
)
```

C#

```
[DispIdAttribute(12)]
void MoveNext (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition,
    out int fMoveSucceeded
)
```

C++

```
[DispIdAttribute(12)]
void MoveNext (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition,
    [OutAttribute] int% fMoveSucceeded
)
```

J#

```
/** @attribute DispIdAttribute(12) */
void MoveNext (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
n,
```

```
/** @attribute OutAttribute() */ /** @ref */ int fMoveSucceeded  
)
```

JScript

## Parameters

IFileId

The identifier of the file.

rgfAccessFlags

The access flags.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

prgfRecordFlags

The record flags.

plPosition

The specified position.

fMoveSucceeded

The moving is successful.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.MovePrev Method

Moves the object to the previous item in the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(13)> _
Sub MovePrev ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer, _
    <InAttribute> <OutAttribute> ByRef plPosition As Integer _
)
```

C#

```
[DispIdAttribute(13)]
void MovePrev (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags,
    [InAttribute] out int plPosition
)
```

C++

```
[DispIdAttribute(13)]
void MovePrev (
    [InAttribute] int lFileId,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags,
    [InAttribute] [OutAttribute] int% plPosition
)
```

J#

```
/** @attribute DispIdAttribute(13) */
void MovePrev (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecord
    dFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plPositio
    n
)
```

JScript

## Parameters

lFileId

The identifier of the file.

rgfAccessFlags

The access flags.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

prgfRecordFlags

The record flags.

plPosition

The specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.MoveTo Method

Moves the object to the specified location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(14)> _
Sub MoveTo ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> lPosition As Integer, _
    <InAttribute> rgfAccessFlags As Integer, _
    <InAttribute> <OutAttribute> pbRecord As Byte(), _
    <InAttribute> cbMaxRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef pcbRecord As Integer, _
    <InAttribute> <OutAttribute> ByRef prgfRecordFlags As Integer _
)
```

C#

```
[DispIdAttribute(14)]
void MoveTo (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] byte[] pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] out int pcbRecord,
    [InAttribute] out int prgfRecordFlags
)
```

C++

```
[DispIdAttribute(14)]
void MoveTo (
    [InAttribute] int lFileId,
    [InAttribute] int lPosition,
    [InAttribute] int rgfAccessFlags,
    [InAttribute] [OutAttribute] array<unsigned char>^ pbRecord,
    [InAttribute] int cbMaxRecord,
    [InAttribute] [OutAttribute] int% pcbRecord,
    [InAttribute] [OutAttribute] int% prgfRecordFlags
)
```

J#

```
/** @attribute DispIdAttribute(14) */
void MoveTo (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ int lPosition,
    /** @attribute InAttribute() */ int rgfAccessFlags,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] pbRecord,
    /** @attribute InAttribute() */ int cbMaxRecord,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int pcbRecord
    ,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int prgfRecordFlags
)
```

JScript

## Parameters

IFileId

The identifier of the file.

IPosition

The specified position.

rgfAccessFlags

The access flags.

pbRecord

The record of pb.

cbMaxRecord

The maximum record.

pcbRecord

The record of pcb.

prgfRecordFlags

The record flags.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IAccessDDMObj.MoveTop Method

Moves the object to the top list of the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(8)> _
Sub MoveTop ( _
    <InAttribute> plFileId As Integer _
)
```

C#

```
[DispIdAttribute(8)]
void MoveTop (
    [InAttribute] int plFileId
)
```

C++

```
[DispIdAttribute(8)]
void MoveTop (
    [InAttribute] int plFileId
)
```

J#

```
/** @attribute DispIdAttribute(8) */
void MoveTop (
    /** @attribute InAttribute() */ int plFileId
)
```

JScript

```
DispIdAttribute(8)
function MoveTop (
    plFileId : int
)
```

## Parameters

plFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Open Method

Opens the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(6)> _
Sub Open ( _
    <InAttribute> nConnectionId As Short, _
    <InAttribute> FileName As String, _
    <InAttribute> ullOptions As Long, _
    <OutAttribute> ByRef FileAttributes As ABBREV_FILATT, _
    <InAttribute> <OutAttribute> ByRef pKeyDefStructure As MYKEYDEFST(), _
    <InAttribute> <OutAttribute> ByRef plFileId As Integer _
)
```

C#

```
[DispIdAttribute(6)]
void Open (
    [InAttribute] short nConnectionId,
    [InAttribute] string FileName,
    [InAttribute] long ullOptions,
    out ABBREV_FILATT FileAttributes,
    [InAttribute] out MYKEYDEFST[] pKeyDefStructure,
    [InAttribute] out int plFileId
)
```

C++

```
[DispIdAttribute(6)]
void Open (
    [InAttribute] short nConnectionId,
    [InAttribute] String^ FileName,
    [InAttribute] long long ullOptions,
    [OutAttribute] ABBREV_FILATT% FileAttributes,
    [InAttribute] [OutAttribute] array<MYKEYDEFST>^% pKeyDefStructure,
    [InAttribute] [OutAttribute] int% plFileId
)
```

J#

```
/** @attribute DispIdAttribute(6) */
void Open (
    /** @attribute InAttribute() */ short nConnectionId,
    /** @attribute InAttribute() */ String FileName,
    /** @attribute InAttribute() */ long ullOptions,
    /** @attribute OutAttribute() */ /** @ref */ ABBREV_FILATT FileAttributes,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ MYKEYDEFST[]
    pKeyDefStructure,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ /** @ref */ int plFileId
)
```

JScript

## Parameters

nConnectionId

The identifier of the connection.

FileName

The name of the file.

ullOptions

The lists of options.

FileAttributes

The attributes of the file.

pKeyDefStructure

The Key Def Structure.

plFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.SetKeyLimits Method

Sets the limits of the key.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(21)> _
Sub SetKeyLimits ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> pbKeyLow As Byte(), _
    <InAttribute> cbKeyLow As Integer, _
    <InAttribute> fKeyLowInclusive As Integer, _
    <InAttribute> pbKeyHigh As Byte(), _
    <InAttribute> cbKeyHigh As Integer, _
    <InAttribute> fKeyHighInclusive As Integer _
)
```

C#

```
[DispIdAttribute(21)]
void SetKeyLimits (
    [InAttribute] int lFileId,
    [InAttribute] byte[] pbKeyLow,
    [InAttribute] int cbKeyLow,
    [InAttribute] int fKeyLowInclusive,
    [InAttribute] byte[] pbKeyHigh,
    [InAttribute] int cbKeyHigh,
    [InAttribute] int fKeyHighInclusive
)
```

C++

```
[DispIdAttribute(21)]
void SetKeyLimits (
    [InAttribute] int lFileId,
    [InAttribute] array<unsigned char>^ pbKeyLow,
    [InAttribute] int cbKeyLow,
    [InAttribute] int fKeyLowInclusive,
    [InAttribute] array<unsigned char>^ pbKeyHigh,
    [InAttribute] int cbKeyHigh,
    [InAttribute] int fKeyHighInclusive
)
```

J#

```
/** @attribute DispIdAttribute(21) */
void SetKeyLimits (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ byte[] pbKeyLow,
    /** @attribute InAttribute() */ int cbKeyLow,
    /** @attribute InAttribute() */ int fKeyLowInclusive,
    /** @attribute InAttribute() */ byte[] pbKeyHigh,
    /** @attribute InAttribute() */ int cbKeyHigh,
    /** @attribute InAttribute() */ int fKeyHighInclusive
)
```

JScript

```
DispIdAttribute(21)
function SetKeyLimits (
```

```
lFileId : int,  
pbKeyLow : byte[],  
cbKeyLow : int,  
fKeyLowInclusive : int,  
pbKeyHigh : byte[],  
cbKeyHigh : int,  
fKeyHighInclusive : int  
)
```

## Parameters

lFileId

The identifier of the file.

pbKeyLow

The low pb key.

cbKeyLow

The low cb key.

fKeyLowInclusive

The inclusive low key.

pbKeyHigh

The high pb key.

cbKeyHigh

The high cb key.

fKeyHighInclusive

The inclusive high key.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.UnlockIt Method

Unlocks the specified file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(20)> _
Sub UnlockIt ( _
    <InAttribute> lFileId As Integer _
)
```

C#

```
[DispIdAttribute(20)]
void UnlockIt (
    [InAttribute] int lFileId
)
```

C++

```
[DispIdAttribute(20)]
void UnlockIt (
    [InAttribute] int lFileId
)
```

J#

```
/** @attribute DispIdAttribute(20) */
void UnlockIt (
    /** @attribute InAttribute() */ int lFileId
)
```

JScript

```
DispIdAttribute(20)
function UnlockIt (
    lFileId : int
)
```

## Parameters

lFileId

The identifier of the file.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IAccessDDMObj.Update Method

Updates the status of the file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<DispIdAttribute(17)> _
Sub Update ( _
    <InAttribute> lFileId As Integer, _
    <InAttribute> <OutAttribute> Record As Byte(), _
    <InAttribute> RecordSize As Integer, _
    <InAttribute> fUpdateKey As Integer _
)
```

C#

```
[DispIdAttribute(17)]
void Update (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] byte[] Record,
    [InAttribute] int RecordSize,
    [InAttribute] int fUpdateKey
)
```

C++

```
[DispIdAttribute(17)]
void Update (
    [InAttribute] int lFileId,
    [InAttribute] [OutAttribute] array<unsigned char>^ Record,
    [InAttribute] int RecordSize,
    [InAttribute] int fUpdateKey
)
```

J#

```
/** @attribute DispIdAttribute(17) */
void Update (
    /** @attribute InAttribute() */ int lFileId,
    /** @attribute InAttribute() */ /** @attribute OutAttribute() */ byte[] Record,
    /** @attribute InAttribute() */ int RecordSize,
    /** @attribute InAttribute() */ int fUpdateKey
)
```

JScript

```
DispIdAttribute(17)
function Update (
    lFileId : int,
    Record : byte[],
    RecordSize : int,
    fUpdateKey : int
)
```

## Parameters

lFileId

The identifier of the file.

Record

The record.

RecordSize

The size of the record.

fUpdateKey

The key for update.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IAccessDDMObj Interface](#)

[IAccessDDMObj Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IDataConnection Interface

Represents the data connection to the host server.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public interface IDataConnection
```

C++

```
public interface class IDataConnection
```



F#

```
type IDataConnection = interface end
```







VB

```
Public Interface IDataConnection
```

Properties

	Name	Description
	<a href="#">ConverterFactory</a>	Gets or sets the converter factory.
	<a href="#">IsOpened</a>	Gets a value that indicates whether the connection is open.

Methods

	Name	Description
	<a href="#">ClearFile(String)</a>	Clears the specified file.
	<a href="#">Close()</a>	Closes the connection.
	<a href="#">Connect(String)</a>	Connects to the host system using the specified connection string.
	<a href="#">ExecuteCommand(String)</a>	Executes the specified command.
	<a href="#">GetServerInfo(Int16, Int16, Int16, Int16)</a>	Retrieves the server information.
	<a href="#">OpenCursor(String, DataCursorOpenMode, DataCursorShareFlags, Type, Boolean)</a>	Opens the cursor on the host system.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)




[Return to top](#)

# IDataConnection Members

Represents the data connection to the host server.







The following tables list the members exposed by the [IDataConnection](#) type.

## Public Properties

	Name	Description
	<a href="#">ConverterFactory</a>	Gets or sets the converter factory.
	<a href="#">IsBusy</a>	Gets a value that indicates whether the connection is busy.
	<a href="#">IsOpened</a>	Gets a value that indicates whether the connection is open.

[Top](#)

## Public Methods

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the connection.
	<a href="#">Connect</a>	Connects to the host system using the specified connection string.
	<a href="#">ExecuteCommand</a>	Executes the specified command.
	<a href="#">GetServerInfo</a>	Retrieves the server information.
	<a href="#">OpenCursor</a>	Opens the cursor on the host system.

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See Also







## Reference

[IDataConnection Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection Methods

Public Methods

	Name	Description
	<a href="#">ClearFile</a>	Clears the specified file.
	<a href="#">Close</a>	Closes the connection.
	<a href="#">Connect</a>	Connects to the host system using the specified connection string.
	<a href="#">ExecuteCommand</a>	Executes the specified command.
	<a href="#">GetServerInfo</a>	Retrieves the server information.
	<a href="#">OpenCursor</a>	Opens the cursor on the host system.

See Also

Reference

[IDataConnection Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.ClearFile Method

Clears the specified file.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub ClearFile ( _
    fileName As String _
)
```

C#

```
void ClearFile (
    string fileName
)
```

C++

```
void ClearFile (
    String^ fileName
)
```

J#

```
void ClearFile (
    String fileName
)
```

JScript

```
function ClearFile (
    fileName : String
)
```

## Parameters

fileName

The name of the file to clear.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.Close Method

Closes the connection.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub Close
```

C#

```
void Close ()
```

C++

```
void Close ()
```

J#

```
void Close ()
```

JScript

```
function Close ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.Connect Method

Connects to the host system using the specified connection string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub Connect ( _
    connectionString As String _
)
```

C#

```
void Connect (
    string connectionString
)
```

C++

```
void Connect (
    String^ connectionString
)
```

J#

```
void Connect (
    String connectionString
)
```

JScript

```
function Connect (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to use to connect to the host system.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.ExecuteCommand Method

Executes the specified command.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function ExecuteCommand ( _
    commandText As String _
) As String
```

C#

```
string ExecuteCommand (
    string commandText
)
```

C++

```
String^ ExecuteCommand (
    String^ commandText
)
```

J#

```
String ExecuteCommand (
    String commandText
)
```

JScript

```
function ExecuteCommand (
    commandText : String
) : String
```

## Parameters

commandText

The command to execute.

## Return Value

The return of the command.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.GetServerInfo Method

Retrieves the server information.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub GetServerInfo ( _
    <OutAttribute> ByRef serverClass As Short, _
    <OutAttribute> ByRef version As Short, _
    <OutAttribute> ByRef subVersion As Short, _
    <OutAttribute> ByRef modification As Short _
)
```

C#

```
void GetServerInfo (
    out short serverClass,
    out short version,
    out short subVersion,
    out short modification
)
```

C++

```
void GetServerInfo (
    [OutAttribute] short% serverClass,
    [OutAttribute] short% version,
    [OutAttribute] short% subVersion,
    [OutAttribute] short% modification
)
```

J#

```
void GetServerInfo (
    /** @attribute OutAttribute() */ /** @ref */ short serverClass,
    /** @attribute OutAttribute() */ /** @ref */ short version,
    /** @attribute OutAttribute() */ /** @ref */ short subVersion,
    /** @attribute OutAttribute() */ /** @ref */ short modification
)
```

JScript

## Parameters

serverClass

The class of server.

version

The server version.

subVersion

The server subversion.

modification

The server modification.



**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.OpenCursor Method

Opens the cursor on the host system.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function OpenCursor ( _
    fileName As String, _
    openMode As DataCursorOpenMode, _
    shareFlags As DataCursorShareFlags, _
    recordType As Type, _
    isDefaultType As Boolean _
) As IDataCursor
```

C#

```
IDataCursor OpenCursor (
    string fileName,
    DataCursorOpenMode openMode,
    DataCursorShareFlags shareFlags,
    Type recordType,
    bool isDefaultType
)
```

C++

```
IDataCursor^ OpenCursor (
    String^ fileName,
    DataCursorOpenMode openMode,
    DataCursorShareFlags shareFlags,
    Type^ recordType,
    bool isDefaultType
)
```

J#

```
IDataCursor OpenCursor (
    String fileName,
    DataCursorOpenMode openMode,
    DataCursorShareFlags shareFlags,
    Type recordType,
    boolean isDefaultType
)
```

JScript

```
function OpenCursor (
    fileName : String,
    openMode : DataCursorOpenMode,
    shareFlags : DataCursorShareFlags,
    recordType : Type,
    isDefaultType : boolean
) : IDataCursor
```

## Parameters

fileName

The name of the file to open the cursor in.

openMode

The mode to open the cursor in.

shareFlags

The share flags to set.

recordType

The record type.

isDefaultType

**true** if it is a default type; otherwise, **false**.

#### Return Value

The opened cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference




[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection Properties

## Public Properties

	Name	Description
	<a href="#">ConverterFactory</a>	Gets or sets the converter factory.
	<a href="#">IsBusy</a>	Gets a value that indicates whether the connection is busy.
	<a href="#">IsOpened</a>	Gets a value that indicates whether the connection is open.

See Also

### Reference

[IDataConnection Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.ConverterFactory Property

Gets or sets the converter factory.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Property ConverterFactory As IRecordConverterFactory
```

C#

```
IRecordConverterFactory ConverterFactory { get; set; }
```

C++

```
property IRecordConverterFactory^ ConverterFactory {
    IRecordConverterFactory^ get ();
    void set (IRecordConverterFactory^ value);
}
```

J#

```
/** @property */
IRecordConverterFactory get_ConverterFactory ()

/** @property */
void set_ConverterFactory (IRecordConverterFactory value)
```

JScript

```
function get ConverterFactory () : IRecordConverterFactory

function set ConverterFactory (value : IRecordConverterFactory)
```

## Property Value

The converter factory.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.IsBusy Property

Gets a value that indicates whether the connection is busy.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property IsBusy As Boolean
```

C#

```
bool IsBusy { get; }
```

C++

```
property bool IsBusy {  
    bool get ();  
}
```

J#

```
/** @property */  
boolean get_IsBusy ()
```

JScript

```
function get IsBusy () : boolean
```

## Property Value

**true** if the connection is busy; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataConnection.IsOpened Property

Gets a value that indicates whether the connection is open.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property IsOpened As Boolean
```

C#

```
bool IsOpened { get; }
```

C++

```
property bool IsOpened {  
    bool get ();  
}
```

J#

```
/** @property */  
boolean get_IsOpened ()
```

JScript

```
function get IsOpened () : boolean
```

## Property Value

**true** if the connection is open; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataConnection Interface](#)

[IDataConnection Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor Interface

Defines properties and methods for the data cursor.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public interface IDataCursor
```

C++

```
public interface class IDataCursor
```










F#

```
type IDataCursor = interface end
```









VB

```
Public Interface IDataCursor
```









Properties

Name	Description
 <a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
 <a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
 <a href="#">CursorState</a>	Gets the cursor state.
 <a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
 <a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
 <a href="#">Position</a>	Gets the current position of the cursor.
 <a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
 <a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
 <a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.

Methods

Name	Description
 <a href="#">Close()</a>	Closes the record the cursor is currently pointing to.
 <a href="#">Delete()</a>	Deletes the record the cursor is currently pointing to.
 <a href="#">FilterByKey(Object, Boolean, Object, Boolean, Boolean, Int32)</a>	
 <a href="#">FilterByPosition(Int32, Boolean, Int32, Boolean, Boolean)</a>	Filters by position.
 <a href="#">GetRecord()</a>	Retrieves the record.
 <a href="#">Insert(Object)</a>	Inserts the specified record at the current cursor location.
 <a href="#">LockRecord()</a>	Locks the record located at the current cursor location.
 <a href="#">MoveBottom()</a>	Moves the cursor to the bottom of the recordset.



 <a href="#">MoveFirst(DataRecordAccessFlags)</a>	Moves the cursor to the first record in the recordset, using the specified access flags.
 <a href="#">MoveLast(DataRecordAccessFlags)</a>	Moves the cursor to the last record in the recordset, using the specified access flags.
 <a href="#">MoveNext(DataRecordAccessFlags)</a>	Moves the cursor to the next record in the recordset, using the specified access flags.
 <a href="#">MovePrev(DataRecordAccessFlags)</a>	Moves the cursor to the previous record in the recordset, using the specified access flags
 <a href="#">MoveTo(Int32, DataRecordAccessFlags)</a>	Moves the cursor to a record in the recordset, using the specified position and access flags.
 <a href="#">MoveTop()</a>	Moves the cursor to the top of the recordset.
 <a href="#">UnlockRecord()</a>	Unlocks the record the cursor is currently pointing to.
 <a href="#">Update(Object)</a>	Updates the record the cursor is currently pointing to.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)










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# IDataCursor Members

Defines properties and methods for the data cursor.

















The following tables list the members exposed by the [IDataCursor](#) type.

## Public Properties

	Name	Description
	<a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
	<a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
	<a href="#">CursorState</a>	Gets the cursor state.
	<a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
	<a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
	<a href="#">Position</a>	Gets the current position of the cursor.
	<a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
	<a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
	<a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.

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## Public Methods

	Name	Description
	<a href="#">Close</a>	Closes the record the cursor is currently pointing to.
	<a href="#">Delete</a>	Deletes the record the cursor is currently pointing to.
	<a href="#">FilterByKey</a>	Filters by key.
	<a href="#">FilterByPosition</a>	Filters by position.
	<a href="#">GetRecord</a>	Retrieves the record.
	<a href="#">Insert</a>	Inserts the specified record at the current cursor location.
	<a href="#">LockRecord</a>	Locks the record located at the current cursor location.
	<a href="#">MoveBottom</a>	Moves the cursor to the bottom of the recordset.
	<a href="#">MoveFirst</a>	Moves the cursor to the first record in the recordset, using the specified access flags.
	<a href="#">MoveLast</a>	Moves the cursor to the last record in the recordset, using the specified access flags.
	<a href="#">MoveNext</a>	Moves the cursor to the next record in the recordset, using the specified access flags.
	<a href="#">MovePrev</a>	Moves the cursor to the previous record in the recordset, using the specified access flags.
	<a href="#">MoveTo</a>	Moves the cursor to a record in the recordset, using the specified position and access flags.
	<a href="#">MoveTop</a>	Moves the cursor to the top of the recordset.
	<a href="#">UnlockRecord</a>	Unlocks the record the cursor is currently pointing to.
	<a href="#">Update</a>	Updates the record the cursor is currently pointing to.

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See Also

















## Reference

[IDataCursor Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor Methods

## Public Methods

	Name	Description
	<a href="#">Close</a>	Closes the record the cursor is currently pointing to.
	<a href="#">Delete</a>	Deletes the record the cursor is currently pointing to.
	<a href="#">FilterByKey</a>	Filters by key.
	<a href="#">FilterByPosition</a>	Filters by position.
	<a href="#">GetRecord</a>	Retrieves the record.
	<a href="#">Insert</a>	Inserts the specified record at the current cursor location.
	<a href="#">LockRecord</a>	Locks the record located at the current cursor location.
	<a href="#">MoveBottom</a>	Moves the cursor to the bottom of the recordset.
	<a href="#">MoveFirst</a>	Moves the cursor to the first record in the recordset, using the specified access flags.
	<a href="#">MoveLast</a>	Moves the cursor to the last record in the recordset, using the specified access flags.
	<a href="#">MoveNext</a>	Moves the cursor to the next record in the recordset, using the specified access flags.
	<a href="#">MovePrev</a>	Moves the cursor to the previous record in the recordset, using the specified access flags.
	<a href="#">MoveTo</a>	Moves the cursor to a record in the recordset, using the specified position and access flags.
	<a href="#">MoveTop</a>	Moves the cursor to the top of the recordset.
	<a href="#">UnlockRecord</a>	Unlocks the record the cursor is currently pointing to.
	<a href="#">Update</a>	Updates the record the cursor is currently pointing to.

See Also

### Reference

[IDataCursor Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.Close Method

Closes the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub Close
```

C#

```
void Close ()
```

C++

```
void Close ()
```

J#

```
void Close ()
```

JScript

```
function Close ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.Delete Method

Deletes the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub Delete
```

C#

```
void Delete ()
```

C++

```
void Delete ()
```

J#

```
void Delete ()
```

JScript

```
function Delete ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.FilterByKey Method

Filters by key.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub FilterByKey ( _
    loKey As Object, _
    loKeyInclusive As Boolean, _
    hiKey As Object, _
    hiKeyInclusive As Boolean, _
    resetTop As Boolean _
)
```

C#

```
void FilterByKey (
    Object loKey,
    bool loKeyInclusive,
    Object hiKey,
    bool hiKeyInclusive,
    bool resetTop
)
```

C++

```
void FilterByKey (
    Object^ loKey,
    bool loKeyInclusive,
    Object^ hiKey,
    bool hiKeyInclusive,
    bool resetTop
)
```

J#

```
void FilterByKey (
    Object loKey,
    boolean loKeyInclusive,
    Object hiKey,
    boolean hiKeyInclusive,
    boolean resetTop
)
```

JScript

```
function FilterByKey (
    loKey : Object,
    loKeyInclusive : boolean,
    hiKey : Object,
    hiKeyInclusive : boolean,
    resetTop : boolean
)
```

## Parameters

loKey

The low key.

loKeyInclusive

**true** if the low key is inclusive; otherwise, **false**.

hiKey

The high key.

hiKeyInclusive

**true** if the high key is inclusive; otherwise, **false**.

resetTop

**true** to reset to the top when finished; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.FilterByPosition Method

Filters by position.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub FilterByPosition ( _
    loLimit As Integer, _
    loKeyInclusive As Boolean, _
    hiLimit As Integer, _
    hiKeyInclusive As Boolean, _
    resetTop As Boolean _
)
```

C#

```
void FilterByPosition (
    int loLimit,
    bool loKeyInclusive,
    int hiLimit,
    bool hiKeyInclusive,
    bool resetTop
)
```

C++

```
void FilterByPosition (
    int loLimit,
    bool loKeyInclusive,
    int hiLimit,
    bool hiKeyInclusive,
    bool resetTop
)
```

J#

```
void FilterByPosition (
    int loLimit,
    boolean loKeyInclusive,
    int hiLimit,
    boolean hiKeyInclusive,
    boolean resetTop
)
```

JScript

```
function FilterByPosition (
    loLimit : int,
    loKeyInclusive : boolean,
    hiLimit : int,
    hiKeyInclusive : boolean,
    resetTop : boolean
)
```

## Parameters

loLimit

The low limit.

loKeyInclusive



**true** to filter by the low key; otherwise, **false**.

hiLimit

The high limit.

hiKeyInclusive

**true** to filter by the high key; otherwise, **false**.

resetTop

**true** to reset to the top after finishing; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.GetRecord Method

Retrieves the record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Function GetRecord As Object
```

C#

```
Object GetRecord ()
```

C++

```
Object^ GetRecord ()
```

J#

```
Object GetRecord ()
```

JScript

```
function GetRecord () : Object
```

## Return Value

The record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.Insert Method

Inserts the specified record at the current cursor location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub Insert ( _
    record As Object _
)
```

C#

```
void Insert (
    Object record
)
```

C++

```
void Insert (
    Object^ record
)
```

J#

```
void Insert (
    Object record
)
```

JScript

```
function Insert (
    record : Object
)
```

## Parameters

record

The record to insert.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.LockRecord Method

Locks the record located at the current cursor location.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub LockRecord
```

C#

```
void LockRecord ()
```

C++

```
void LockRecord ()
```

J#

```
void LockRecord ()
```

JScript

```
function LockRecord ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MoveBottom Method

Moves the cursor to the bottom of the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub MoveBottom
```

C#

```
void MoveBottom ()
```

C++

```
void MoveBottom ()
```

J#

```
void MoveBottom ()
```

JScript

```
function MoveBottom ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MoveFirst Method

Moves the cursor to the first record in the recordset, using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub MoveFirst ( _
    accessFlags As DataRecordAccessFlags _
)
```

C#

```
void MoveFirst (
    DataRecordAccessFlags accessFlags
)
```

C++

```
void MoveFirst (
    DataRecordAccessFlags accessFlags
)
```

J#

```
void MoveFirst (
    DataRecordAccessFlags accessFlags
)
```

JScript

```
function MoveFirst (
    accessFlags : DataRecordAccessFlags
)
```

## Parameters

accessFlags

The access flags for the file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MoveLast Method

Moves the cursor to the last record in the recordset, using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub MoveLast ( _
    accessFlags As DataRecordAccessFlags _
)
```

C#

```
void MoveLast (
    DataRecordAccessFlags accessFlags
)
```

C++

```
void MoveLast (
    DataRecordAccessFlags accessFlags
)
```

J#

```
void MoveLast (
    DataRecordAccessFlags accessFlags
)
```

JScript

```
function MoveLast (
    accessFlags : DataRecordAccessFlags
)
```

## Parameters

accessFlags

The access flags for the file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MoveNext Method

Moves the cursor to the next record in the recordset, using the specified access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function MoveNext ( _
    accessFlags As DataRecordAccessFlags _
) As Boolean
```

C#

```
bool MoveNext (
    DataRecordAccessFlags accessFlags
)
```

C++

```
bool MoveNext (
    DataRecordAccessFlags accessFlags
)
```

J#

```
boolean MoveNext (
    DataRecordAccessFlags accessFlags
)
```

JScript

```
function MoveNext (
    accessFlags : DataRecordAccessFlags
) : boolean
```

## Parameters

accessFlags

The access flags for the next file.

## Return Value

**true** if the cursor successfully advanced to the next record; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IDataCursor.MovePrev Method

Moves the cursor to the previous record in the recordset, using the specified access flags

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function MovePrev ( _
    accessFlags As DataRecordAccessFlags _
) As Boolean
```

C#

```
bool MovePrev (
    DataRecordAccessFlags accessFlags
)
```

C++

```
bool MovePrev (
    DataRecordAccessFlags accessFlags
)
```

J#

```
boolean MovePrev (
    DataRecordAccessFlags accessFlags
)
```

JScript

```
function MovePrev (
    accessFlags : DataRecordAccessFlags
) : boolean
```

## Parameters

accessFlags

The access flags for the file.

## Return Value

**true** if the cursor successfully moved to the previous record; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MoveTo Method

Moves the cursor to a record in the recordset, using the specified position and access flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub MoveTo ( _
    position As Integer, _
    accessFlags As DataRecordAccessFlags _
)
```

C#

```
void MoveTo (
    int position,
    DataRecordAccessFlags accessFlags
)
```

C++

```
void MoveTo (
    int position,
    DataRecordAccessFlags accessFlags
)
```

J#

```
void MoveTo (
    int position,
    DataRecordAccessFlags accessFlags
)
```

JScript

```
function MoveTo (
    position : int,
    accessFlags : DataRecordAccessFlags
)
```

## Parameters

position

The position of the record.

accessFlags

The access flags necessary to access the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IDataCursor.MoveTop Method

Moves the cursor to the top of the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub MoveTop
```

C#

```
void MoveTop ()
```

C++

```
void MoveTop ()
```

J#

```
void MoveTop ()
```

JScript

```
function MoveTop ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.UnlockRecord Method

Unlocks the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub UnlockRecord
```

C#

```
void UnlockRecord ()
```

C++

```
void UnlockRecord ()
```

J#

```
void UnlockRecord ()
```

JScript

```
function UnlockRecord ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.Update Method

Updates the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub Update ( _
    record As Object _
)
```

C#

```
void Update (
    Object record
)
```

C++

```
void Update (
    Object^ record
)
```

J#

```
void Update (
    Object record
)
```

JScript

```
function Update (
    record : Object
)
```

## Parameters

record

The information with which to update the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference










[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor Properties

## Public Properties

	Name	Description
	<a href="#">AccessMethods</a>	Gets the access methods for the current cursor.
	<a href="#">CursorFlags</a>	Gets the settings for the current cursor flags.
	<a href="#">CursorState</a>	Gets the cursor state.
	<a href="#">FileName</a>	Gets the file name of the file the cursor is currently pointing to.
	<a href="#">MaxRecordLength</a>	Gets the maximum record length of the record the cursor is currently pointing to.
	<a href="#">Position</a>	Gets the current position of the cursor.
	<a href="#">RecordsCount</a>	Gets the records count of the record the cursor is currently pointing to.
	<a href="#">RecordStatusFlags</a>	Gets or sets the record status flag of the record the cursor is currently pointing to.
	<a href="#">RecordType</a>	Gets the record type of the record the cursor is currently pointing to.

See Also

### Reference

[IDataCursor Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.AccessMethods Property

Gets the access methods for the current cursor.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
ReadOnly Property AccessMethods As DataCursorAccessMethods
```

C#

```
DataCursorAccessMethods AccessMethods { get; }
```

C++

```
property DataCursorAccessMethods AccessMethods {
    DataCursorAccessMethods get ();
}
```

J#

```
/** @property */
DataCursorAccessMethods get_AccessMethods ()
```

JScript

```
function get AccessMethods () : DataCursorAccessMethods
```

## Property Value

The access methods for the current cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IDataCursor.CursorFlags Property

Gets the settings for the current cursor flags.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
ReadOnly Property CursorFlags As DataCursorFlags
```

C#

```
DataCursorFlags CursorFlags { get; }
```

C++

```
property DataCursorFlags CursorFlags {
    DataCursorFlags get ();
}
```

J#

```
/** @property */
DataCursorFlags get_CursorFlags ()
```

JScript

```
function get CursorFlags () : DataCursorFlags
```

## Property Value

The current settings for the cursor flags.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.CursorState Property

Gets the cursor state.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property CursorState As DataCursorState
```

C#

```
DataCursorState CursorState { get; }
```

C++

```
property DataCursorState CursorState {  
    DataCursorState get ();  
}
```

J#

```
/** @property */  
DataCursorState get_CursorState ()
```

JScript

```
function get CursorState () : DataCursorState
```

## Property Value

The state of the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.FileName Property

Gets the file name of the file the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property FileName As String
```

C#

```
string FileName { get; }
```

C++

```
property String^ FileName {  
    String^ get ();  
}
```

J#

```
/** @property */  
String get_FileName ()
```

JScript

```
function get FileName () : String
```

## Property Value

The name of the file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.MaxRecordLength Property

Gets the maximum record length of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property MaxRecordLength As Integer
```

C#

```
int MaxRecordLength { get; }
```

C++

```
property int MaxRecordLength {  
    int get ();  
}
```

J#

```
/** @property */  
int get_MaxRecordLength ()
```

JScript

```
function get MaxRecordLength () : int
```

## Property Value

The maximum record length.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.Position Property

Gets the current position of the cursor.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property Position As Integer
```

C#

```
int Position { get; }
```

C++

```
property int Position {  
    int get ();  
}
```

J#

```
/** @property */  
int get_Position ()
```

JScript

```
function get Position () : int
```

## Property Value

The position of the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.RecordsCount Property

Gets the records count of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property RecordsCount As Integer
```

C#

```
int RecordsCount { get; }
```

C++

```
property int RecordsCount {  
    int get ();  
}
```

J#

```
/** @property */  
int get_RecordsCount ()
```

JScript

```
function get RecordsCount () : int
```

## Property Value

The records count.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.RecordStatusFlags Property

Gets or sets the record status flag of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property RecordStatusFlags As DataRecordStatusFlags
```

C#

```
DataRecordStatusFlags RecordStatusFlags { get; }
```

C++

```
property DataRecordStatusFlags RecordStatusFlags {  
    DataRecordStatusFlags get ();  
}
```

J#

```
/** @property */  
DataRecordStatusFlags get_RecordStatusFlags ()
```

JScript

```
function get RecordStatusFlags () : DataRecordStatusFlags
```

## Property Value

The record status flag.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataCursor.RecordType Property

Gets the record type of the record the cursor is currently pointing to.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property RecordType As Type
```

C#

```
Type RecordType { get; }
```

C++

```
property Type^ RecordType {  
    Type^ get ();  
}
```

J#

```
/** @property */  
Type get_RecordType ()
```

JScript

```
function get RecordType () : Type
```

## Property Value

The record type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataCursor Interface](#)

[IDataCursor Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IDataRecordSet Interface

Represents a data record set.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public interface IDataRecordSet : IUpdateableDataRecord, IDataRecord
```

C++

```
public interface class IDataRecordSet : IUpdateableDataRecord,  
    IDataRecord
```







F#

```
type IDataRecordSet =  
    interface  
        interface IUpdateableDataRecord  
        interface IDataRecord  
    end
```









VB














```
Public Interface IDataRecordSet  
    Inherits IUpdateableDataRecord, IDataRecord
```

Properties

	Name	Description
	<a href="#">FieldCount</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">Item(Int32)</a>	Gets or sets the specified column based on the specified index.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
	<a href="#">Item(String)</a>	Gets the column with the specified name.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
	<a href="#">Position</a>	Gets or sets the cursor position in the recordset.
	<a href="#">RecordsCount</a>	Gets the number of records in the recordset.
	<a href="#">State</a>	Gets the state of the current column.(Inherited from <a href="#">IUpdateableDataRecord</a> .)

Methods

	Name	Description
	<a href="#">AddNew()</a>	Adds a new column to the table.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
	<a href="#">Delete()</a>	Deletes the current instance.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
	<a href="#">GetBoolean(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetByte(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetBytes(Int32, Int64, Byte[], Int32, Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetChar(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetData(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)

 <a href="#">GetDataTypeName(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetDateTime(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetDecimal(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetDouble(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetFieldType(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetFloat(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetGuid(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt16(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt32(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt64(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetName(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetOrdinal(String)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetRecordSet(Int32)</a>	Retrieves a recordset based on the specified index.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
 <a href="#">GetString(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetValue(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetValue(Int32, DataRecordVersion)</a>	Retrieves the value of a field, based on the specified index and data record version.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
 <a href="#">GetValues(Object[])</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">IsDBNull(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">SetValue(Int32, Object)</a>	Sets the value of the field at the specified index.(Inherited from <a href="#">IUpdateableDataRecord</a> .)
 <a href="#">Update()</a>	Updates the current instance.(Inherited from <a href="#">IUpdateableDataRecord</a> .)

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



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# IDataRecordSet Members

Represents a data record set.

The following tables list the members exposed by the [IDataRecordSet](#) type.

## Public Properties

	Name	Description
	<a href="#">Position</a>	Gets or sets the cursor position in the recordset.
	<a href="#">RecordsCount</a>	Gets the number of records in the recordset.

[Top](#)

See Also



## Reference

[IDataRecordSet Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataRecordSet Properties

## Public Properties

	Name	Description
	<a href="#">Position</a>	Gets or sets the cursor position in the recordset.
	<a href="#">RecordsCount</a>	Gets the number of records in the recordset.

See Also

### Reference

[IDataRecordSet Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataRecordSet.Position Property

Gets or sets the cursor position in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Property Position As Integer
```

C#

```
int Position { get; set; }
```

C++

```
property int Position {  
    int get ();  
    void set (int value);  
}
```

J#

```
/** @property */  
int get_Position ()  
  
/** @property */  
void set_Position (int value)
```

JScript

```
function get Position () : int  
  
function set Position (value : int)
```

## Property Value

The position of the cursor in the recordset.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataRecordSet Interface](#)

[IDataRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IDataRecordSet.RecordsCount Property

Gets the number of records in the recordset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property RecordsCount As Integer
```

C#

```
int RecordsCount { get; }
```

C++

```
property int RecordsCount {  
    int get ();  
}
```

J#

```
/** @property */  
int get_RecordsCount ()
```

JScript

```
function get RecordsCount () : int
```

## Property Value

The number of records in the recordset.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IDataRecordSet Interface](#)

[IDataRecordSet Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# InsertRecordOptions Enumeration

Specifies the options to insert record.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum InsertRecordOptions
```

C++

```
public enum class InsertRecordOptions
```

F#

```
type InsertRecordOptions
```

VB

```
Public Enumeration InsertRecordOptions
```

Members

Member name	Description
<b>OPT_INSERT_AT_EOF</b>	The option is OPT_INSERT_AT_EOF.
<b>OPT_INSERT_AT_RECORDNUMBER</b>	The option is OPT_INSERT_AT_RECORDNUMBER.
<b>OPT_INSERT_BY_KEY</b>	The option is OPT_INSERT_BY_KEY.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# IRecordConverter Interface

Converts a data record between a remote system format and a local system format.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax  
C#

```
public interface IRecordConverter
```

C++

```
public interface class IRecordConverter
```


F#

```
type IRecordConverter = interface end
```

VB

```
Public Interface IRecordConverter
```

Properties

	Name	Description
	<a href="#">RecordType</a>	Gets the record type.

Methods

	Name	Description
	<a href="#">PackRecord(Object, BufferManager, Int32)</a>	
	<a href="#">PackRecord(Object, BufferManager, Int32, Int32)</a>	
	<a href="#">UnpackRecord(BufferManager, Int32)</a>	

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# IRecordConverter Members

Converts a data record between a remote system format and a local system format.



The following tables list the members exposed by the [IRecordConverter](#) type.

## Public Properties

	Name	Description
	<a href="#">RecordType</a>	Gets the record type.

[Top](#)

## Public Methods

	Name	Description
	<a href="#">PackRecord</a>	Packages a local record into the format for the remote system.
	<a href="#">UnpackRecord</a>	Unpacks a remote record into the local format.

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See Also



## Reference

[IRecordConverter Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverter Methods

## Public Methods

	Name	Description
	<a href="#">PackRecord</a>	Packages a local record into the format for the remote system.
	<a href="#">UnpackRecord</a>	Unpacks a remote record into the local format.

See Also

### Reference

[IRecordConverter Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverter.PackRecord Method

Packages a local record into the format for the remote system.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub PackRecord ( _
    record As Object, _
    buffer As Byte(), _
    ByRef count As Integer _
)
```

C#

```
void PackRecord (
    Object record,
    byte[] buffer,
    ref int count
)
```

C++

```
void PackRecord (
    Object^ record,
    array<unsigned char>^ buffer,
    int% count
)
```

J#

```
void PackRecord (
    Object record,
    byte[] buffer,
    /** @ref */ int count
)
```

JScript

## Parameters

record

buffer

count

The number of records to pack.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IRecordConverter Interface](#)

[IRecordConverter Members](#)



# IRecordConverter.UnpackRecord Method

Unpacks a remote record into the local format.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function UnpackRecord ( _
    buffer As Byte(), _
    ByRef count As Integer _
) As Object
```

C#

```
Object UnpackRecord (
    byte[] buffer,
    ref int count
)
```

C++

```
Object^ UnpackRecord (
    array<unsigned char>^ buffer,
    int% count
)
```

J#

```
Object UnpackRecord (
    byte[] buffer,
    /** @ref */ int count
)
```

JScript

## Parameters

buffer

The buffer that currently stores the remote record.

count

The number of records to pack.

## Return Value

An object containing the new local record.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IRecordConverter Interface](#)


[IRecordConverter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IRecordConverter Properties

## Public Properties

	Name	Description
	<a href="#">RecordType</a>	Gets the record type.

See Also

## Reference

[IRecordConverter Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverter.RecordType Property

Gets the record type.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property RecordType As Type
```

C#

```
Type RecordType { get; }
```

C++

```
property Type^ RecordType {  
    Type^ get ();  
}
```

J#

```
/** @property */  
Type get_RecordType ()
```

JScript

```
function get RecordType () : Type
```

## Property Value

The type of the record.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IRecordConverter Interface](#)

[IRecordConverter Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IRecordConverterFactory Interface

This API supports the product infrastructure and is not intended to be used directly from your code.

Represents a factory interface for creating instances of the [IRecordConverter](#) class.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public interface IRecordConverterFactory
```

C++

```
public interface class IRecordConverterFactory
```



F#

```
type IRecordConverterFactory = interface end
```

VB

```
Public Interface IRecordConverterFactory
```

Methods

	Name	Description
	<a href="#">CreateConverter(Type)</a>	Creates the converter of the record.
	<a href="#">CreateConverter2(Int16, Type)</a>	

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



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# IRecordConverterFactory Members

Represents a factory interface for creating instances of the [IRecordConverter](#) class.

The following tables list the members exposed by the [IRecordConverterFactory](#) type.

Public Methods

	Name	Description
	<a href="#">CreateConverter</a>	Creates the converter of the record.
	<a href="#">CreateConverter2</a>	

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See Also



Reference

[IRecordConverterFactory Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverterFactory Methods

Public Methods

	Name	Description
	<a href="#">CreateConverter</a>	Creates the converter of the record.
	<a href="#">CreateConverter2</a>	

See Also

Reference

- [IRecordConverterFactory Interface](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverterFactory.CreateConverter Method

This method supports the infrastructure and is not intended to be used directly from your code.

Creates the converter of the record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function CreateConverter ( _
    recordType As Type _
) As IRecordConverter
```

C#

```
IRecordConverter CreateConverter (
    Type recordType
)
```

C++

```
IRecordConverter^ CreateConverter (
    Type^ recordType
)
```

J#

```
IRecordConverter CreateConverter (
    Type recordType
)
```

JScript

```
function CreateConverter (
    recordType : Type
) : IRecordConverter
```

## Parameters

recordType

The type of the record.

## Return Value

The converter of the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IRecordConverterFactory Interface](#)

[IRecordConverterFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IRecordConverterFactory.CreateConverter2 Method

This method supports the infrastructure and is not intended to be used directly from your code.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function CreateConverter2 ( _
    ccsid As Short, _
    recordType As Type _
) As IRecordConverter
```

C#

```
IRecordConverter CreateConverter2 (
    short ccsid,
    Type recordType
)
```

C++

```
IRecordConverter^ CreateConverter2 (
    short ccsid,
    Type^ recordType
)
```

J#

```
IRecordConverter CreateConverter2 (
    short ccsid,
    Type recordType
)
```

JScript

```
function CreateConverter2 (
    ccsid : short,
    recordType : Type
) : IRecordConverter
```

## Parameters

ccsid

recordType

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IRecordConverterFactory Interface](#)

[IRecordConverterFactory Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord Interface

Provides access to the column values within each row.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public interface IUpdateableDataRecord : IDataRecord
```

C++

```
public interface class IUpdateableDataRecord : IDataRecord
```





F#

```
type IUpdateableDataRecord =  
    interface  
        interface IDataRecord  
    end
```












VB

```
Public Interface IUpdateableDataRecord  
    Inherits IDataRecord
```

Properties

	Name	Description
	<a href="#">FieldCount</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">Item(Int32)</a>	Gets or sets the specified column based on the specified index.
	<a href="#">Item(String)</a>	Gets the column with the specified name.
	<a href="#">State</a>	Gets the state of the current column.

Methods

	Name	Description
	<a href="#">AddNew()</a>	Adds a new column to the table.
	<a href="#">Delete()</a>	Deletes the current instance.
	<a href="#">GetBoolean(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetByte(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetBytes(Int32, Int64, Byte[], Int32, Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetChar(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetData(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetDataTypeName(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetDateTime(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
	<a href="#">GetDecimal(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)

 <a href="#">GetDouble(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetFieldType(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetFloat(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetGuid(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt16(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt32(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetInt64(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetName(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetOrdinal(String)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetRecordSet(Int32)</a>	Retrieves a recordset based on the specified index.
 <a href="#">GetString(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetValue(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">GetValue(Int32, DataRecordVersion)</a>	Retrieves the value of a field, based on the specified index and data record version.
 <a href="#">GetValues(Object[])</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">IsDBNull(Int32)</a>	(Inherited from <a href="#">IDataRecord</a> .)
 <a href="#">SetValue(Int32, Object)</a>	Sets the value of the field at the specified index.
 <a href="#">Update()</a>	Updates the current instance.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



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# IUpdateableDataRecord Members

Provides access to the column values within each row.







The following tables list the members exposed by the [IUpdateableDataRecord](#) type.

## Public Properties

	Name	Description
	<a href="#">Item</a>	Overloaded. Gets the specified column.
	<a href="#">State</a>	Gets the state of the current column.

[Top](#)

## Public Methods

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the table.
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">GetRecordSet</a>	Retrieves a recordset based on the specified index.
	<a href="#">GetValue</a>	Retrieves the value of a field, based on the specified index and data record version.
	<a href="#">SetValue</a>	Sets the value of the field at the specified index.
	<a href="#">Update</a>	Updates the current instance.

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See Also

## Reference







[IUpdateableDataRecord Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IUpdateableDataRecord Methods

## Public Methods

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the table.
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">GetRecordSet</a>	Retrieves a recordset based on the specified index.
	<a href="#">GetValue</a>	Retrieves the value of a field, based on the specified index and data record version.
	<a href="#">SetValue</a>	Sets the value of the field at the specified index.
	<a href="#">Update</a>	Updates the current instance.

See Also

### Reference

[IUpdateableDataRecord Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.AddNew Method

Adds a new column to the table.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub AddNew
```

C#

```
void AddNew ()
```

C++

```
void AddNew ()
```

J#

```
void AddNew ()
```

JScript

```
function AddNew ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.Delete Method

Deletes the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Sub Delete
```

C#

```
void Delete ()
```

C++

```
void Delete ()
```

J#

```
void Delete ()
```

JScript

```
function Delete ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.GetRecordSet Method

Retrieves a recordset based on the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function GetRecordSet ( _
    index As Integer _
) As IDataRecordSet
```

C#

```
IDataRecordSet GetRecordSet (
    int index
)
```

C++

```
IDataRecordSet^ GetRecordSet (
    int index
)
```

J#

```
IDataRecordSet GetRecordSet (
    int index
)
```

JScript

```
function GetRecordSet (
    index : int
) : IDataRecordSet
```

## Parameters

index

The index of the recordset to retrieve.

## Return Value

The specified recordset.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.GetValue Method

Retrieves the value of a field, based on the specified index and data record version.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Function GetValue ( _
    index As Integer, _
    version As DataRecordVersion _
) As Object
```

C#

```
Object GetValue (
    int index,
    DataRecordVersion version
)
```

C++

```
Object^ GetValue (
    int index,
    DataRecordVersion version
)
```

J#

```
Object GetValue (
    int index,
    DataRecordVersion version
)
```

JScript

```
function GetValue (
    index : int,
    version : DataRecordVersion
) : Object
```

## Parameters

index

The index of the value to retrieve.

version

The version of the value to retrieve.

## Return Value

An object containing the value of the specified field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.SetValue Method

Sets the value of the field at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Sub SetValue ( _
    index As Integer, _
    value As Object _
)
```

C#

```
void SetValue (
    int index,
    Object value
)
```

C++

```
void SetValue (
    int index,
    Object^ value
)
```

J#

```
void SetValue (
    int index,
    Object value
)
```

JScript

```
function SetValue (
    index : int,
    value : Object
)
```

## Parameters

index

The index of the field to set.

value

The value to set the field to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# IUpdateableDataRecord.Update Method

Updates the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Function Update As UpdateResult
```

C#

```
UpdateResult Update ()
```

C++

```
UpdateResult Update ()
```

J#

```
UpdateResult Update ()
```

JScript

```
function Update () : UpdateResult
```

## Return Value

The result of the update.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord Properties

## Public Properties

	Name	Description
	<a href="#">Item</a>	Overloaded. Gets the specified column.
	<a href="#">State</a>	Gets the state of the current column.

## See Also

### Reference

[IUpdateableDataRecord Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# IUpdateableDataRecord.Item Property

Gets the specified column.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">Item(Int32)</a>	Gets or sets the specified column based on the specified index.
	<a href="#">Item(String)</a>	Gets the column with the specified name.

See Also

[IUpdateableDataRecord Interface](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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### IUpdateableDataRecord.Item Property (Int32)

Gets or sets the specified column based on the specified index.

Syntax

C#

```
object this[
    int index
] { get; set; }
```

C++

```
property Object^ default[
    int index
] {
    Object^ get(int index);
    void set(int index, Object^ value);
}
```

F#

```
abstract Item :
    index:int -> Object with get, set
```

VB

```
Property Item (
    index As Integer
) As Object
```

## Parameters

*index*

Type: [System.Int32](#)

The index of the column to get.

## Property Value

Type: [System.Object](#)

The column located at the specified index as an Object.

## Implements

[IDataRecord.Item\(Int32\)](#)

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### IUpdateableDataRecord.Item Property (String)

Gets the column with the specified name.

## Syntax

### C#

```
object this[
    string name
] { get; set; }
```

### C++

```
property Object^ default[
    String^ name
] {
    Object^ get(String^ name);
    void set(String^ name, Object^ value);
}
```

### F#

```
abstract Item :
    name:string -> Object with get, set
```

### VB

```
Property Item (
    name As String
) As Object
```

## Parameters

*name*

Type: [System.String](#)

The name of the column to find.

## Property Value

Type: [System.Object](#)

The column with the specified name as an Object.

## Implements

[IDataRecord.Item\(String\)](#)

## Remarks

A case-sensitive lookup is performed first. If it fails, a second case-insensitive search is made.

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# IUpdateableDataRecord.Item Property (Int32)

Gets or sets the specified column based on the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Default Property Item ( _
    index As Integer _
) As Object
```

C#

```
Object this [
    int index
] { get; set; }
```

C++

```
property Object^ default [int] {
    Object^ get (int index);
    void set (int index, Object^ value);
}
```

J#

```
/** @property */
Object get_Item (int index)

/** @property */
void set_Item (int index, Object value)
```

JScript

## Parameters

index

The index of the column to get.

## Property Value

The column located at the specified index as an Object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# IUpdateableDataRecord.Item Property (String)

Gets the column with the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Default Property Item ( _
    name As String _
) As Object
```

C#

```
Object this [
    string name
] { get; set; }
```

C++

```
property Object^ default [String^] {
    Object^ get (String^ name);
    void set (String^ name, Object^ value);
}
```

J#

```
/** @property */
Object get_Item (String name)

/** @property */
void set_Item (String name, Object value)
```

JScript

## Parameters

name

The name of the column to find.

## Property Value

The column with the specified name as an Object.

Remarks

A case-sensitive lookup is performed first. If it fails, a second case-insensitive search is made.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)



# IUpdateableDataRecord.State Property

Gets the state of the current column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property State As DataRecordState
```

C#

```
DataRecordState State { get; }
```

C++

```
property DataRecordState State {  
    DataRecordState get ();  
}
```

J#

```
/** @property */  
DataRecordState get_State ()
```

JScript

```
function get State () : DataRecordState
```

## Property Value

The state of the column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IUpdateableDataRecord Interface](#)

[IUpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# MYKEYDEFST Structure

Displays the key def structure.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
<GuidAttribute("65748307-ED00-4DB7-82B7-C2189A49E3C9")> _
Public Structure MYKEYDEFST
```

C#

```
[GuidAttribute("65748307-ED00-4DB7-82B7-C2189A49E3C9")]
public struct MYKEYDEFST
```

C++

```
[GuidAttribute(L"65748307-ED00-4DB7-82B7-C2189A49E3C9")]
public value class MYKEYDEFST
```

J#

```
/** @attribute GuidAttribute("65748307-ED00-4DB7-82B7-C2189A49E3C9") */
public final class MYKEYDEFST extends ValueType
```

JScript

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Members](#)






[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST Members

Displays the key def structure.







The following tables list the members exposed by the [MYKEYDEFST](#) type.

Public Fields

	Name	Description
	<a href="#">colid</a>	The colid.
	<a href="#">keyclass</a>	The keyclass.
	<a href="#">length</a>	The length.
	<a href="#">offset</a>	The offset.
	<a href="#">seq</a>	The seq.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also






Reference

[MYKEYDEFST Structure](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST Fields

Public Fields

	Name	Description
	<a href="#">colid</a>	The colid.
	<a href="#">keyclass</a>	The keyclass.
	<a href="#">length</a>	The length.
	<a href="#">offset</a>	The offset.
	<a href="#">seq</a>	The seq.

See Also

**Reference**

[MYKEYDEFST Structure](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST.colid Field

The colid.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public colid As Integer
```

C#

```
public int colid
```

C++

```
public:  
int colid
```

J#

```
public int colid
```

JScript

```
public var colid : int
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Structure](#)

[MYKEYDEFST Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST.keyclass Field

The keyclass.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public keyclass As Short
```

C#

```
public short keyclass
```

C++

```
public:  
short keyclass
```

J#

```
public short keyclass
```

JScript

```
public var keyclass : short
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Structure](#)

[MYKEYDEFST Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST.length Field

The length.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public length As Short
```

C#

```
public short length
```

C++

```
public:  
short length
```

J#

```
public short length
```

JScript

```
public var length : short
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Structure](#)

[MYKEYDEFST Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST.offset Field

The offset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public offset As UInteger
```

C#

```
public uint offset
```

C++

```
public:  
unsigned int offset
```

J#

```
public UInt32 offset
```

JScript

```
public var offset : uint
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Structure](#)

[MYKEYDEFST Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# MYKEYDEFST.seq Field

The seq.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public seq As Short
```

C#

```
public short seq
```

C++

```
public:  
short seq
```

J#

```
public short seq
```

JScript

```
public var seq : short
```

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MYKEYDEFST Structure](#)







[MYKEYDEFST Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)






# MYKEYDEFST Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [MYKEYDEFST Structure](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# RecordSetType Enumeration

Represents the type of recordset on the host file system.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

```
C#  
  
public enum RecordSetType
```

```
C++  
  
public enum class RecordSetType
```

```
F#  
  
type RecordSetType
```

```
VB  
  
Public Enumeration RecordSetType
```

Members

Member name	Description
Read	The type is read.
ReadWrite	The type is read/write.
Update	The type is update.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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# UpdateableDataRecord Class

Represents an updatable data record.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.MarshalByRefObject](#)  
[System.Data.Common.DbDataReader](#)  
**Microsoft.HostIntegration.MsHostFileClient.UpdateableDataRecord**  
[Microsoft.HostIntegration.MsHostFileClient.HostFileRecordSet](#)

Syntax  
C#

```
public abstract class UpdateableDataRecord : DbDataReader, IUpdateableDataRecord,
    IDataRecord
```

C++

```
public ref class UpdateableDataRecord abstract : DbDataReader,
    IUpdateableDataRecord, IDataRecord
```












F#

```
[<AbstractClass>]
type UpdateableDataRecord =
    class
        inherit DbDataReader
        interface IUpdateableDataRecord
        interface IDataRecord
    end
```














VB








































```
Public MustInherit Class UpdateableDataRecord
    Inherits DbDataReader
    Implements IUpdateableDataRecord, IDataRecord
```










Properties

Name	Description
 Depth	(Inherited from <a href="#">DbDataReader</a> .)
 FieldCount	Gets the number of columns in the current row.(Overrides <a href="#">DbDataReader.FieldCount</a> .)
 HasRows	(Inherited from <a href="#">DbDataReader</a> .)
 IsClosed	(Inherited from <a href="#">DbDataReader</a> .)
 Item(Int32)	Gets the column located at the specified index.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
 Item(Int32, DataRecordVersion)	Gets the column with the specified index and version.
 Item(String)	Gets the column with the specified name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)
 Item(String, DataRecordVersion)	Gets the column with the specified name and version.
 RecordsAffected	(Inherited from <a href="#">DbDataReader</a> .)
 State	Gets the state of the current instance.
 VisibleFieldCount	(Inherited from <a href="#">DbDataReader</a> .)


Methods

Name	Description
 AddNew()	Adds a new column to the current instance.
 Close()	(Inherited from <a href="#">DbDataReader</a> .)
 CreateObjRef(Type)	(Inherited from <a href="#">MarshalByRefObject</a> .)
 Delete()	Deletes the current instance.
 Dispose(Boolean)	(Inherited from <a href="#">DbDataReader</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 FillRow(DataRow, DataTableMappingCollection, DataColumnMappingCollection, SchemaType, MissingSchemaAction, MissingMappingAction)	Fills the row with the specified objects.
 FillSchema(String, ICollection<DataTable>, DataSet, DataTableMappingCollection, SchemaType, MissingMappingAction, DataColumnMappingCollection)	Fills the schema with the specified objects.
 Finalize()	(Inherited from <a href="#">Object</a> .)
 GetBoolean(Int32)	Retrieves the value of the specified column as a Boolean.(Overrides <a href="#">DbDataReader.GetBoolean(Int32)</a> .)
 GetByte(Int32)	Retrieves the 8-bit unsigned integer value of the specified column.(Overrides <a href="#">DbDataReader.GetByte(Int32)</a> .)
 GetBytes(Int32, Int64, Byte[], Int32, Int32)	Reads a stream of bytes from the specified column into the buffer as an array, starting at the given buffer offset.(Overrides <a href="#">DbDataReader.GetBytes(Int32, Int64, Byte[], Int32, Int32)</a> .)
 GetChar(Int32)	Retrieves the character value of the specified column.(Overrides <a href="#">DbDataReader.GetChar(Int32)</a> .)

 <a href="#">GetChars(Int32, Int64, Char[], Int32, Int32)</a>	Reads a stream of characters from the specified column offset into the buffer as an array starting at the given offset.(Overrides <a href="#">DbDataReader.GetChars(Int32, Int64, Char[], Int32, Int32)</a> .)
 <a href="#">GetData(Int32)</a>	Retrieves the data value of the specified column.
 <a href="#">GetDataTypeName(Int32)</a>	Retrieves the data type name.(Overrides <a href="#">DbDataReader.GetDataTypeName(Int32)</a> .)
 <a href="#">GetDateTime(Int32)</a>	Retrieves the value of the specified column as a DateTime object.(Overrides <a href="#">DbDataReader.GetDateTime(Int32)</a> .)
 <a href="#">GetDbDataReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetDecimal(Int32)</a>	Retrieves the value of the specified column as a Decimal object.(Overrides <a href="#">DbDataReader.GetDecimal(Int32)</a> .)
 <a href="#">GetDouble(Int32)</a>	Retrieves the value of the specified column as a double precision floating point number.(Overrides <a href="#">DbDataReader.GetDouble(Int32)</a> .)
 <a href="#">GetFieldType(Int32)</a>	Retrieves the Type that is the data type of the specified column.(Overrides <a href="#">DbDataReader.GetFieldType(Int32)</a> .)
 <a href="#">GetFieldValue&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFieldValueAsync&lt;T&gt;(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetFloat(Int32)</a>	Retrieves the value of the specified column as a single precision floating point number.(Overrides <a href="#">DbDataReader.GetFloat(Int32)</a> .)
 <a href="#">GetGuid(Int32)</a>	Retrieves the value of the specified column as a GUID unique identifier (GUID).(Overrides <a href="#">DbDataReader.GetGuid(Int32)</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetInt16(Int32)</a>	Retrieves the value of the specified column as a 16-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt16(Int32)</a> .)
 <a href="#">GetInt32(Int32)</a>	Retrieves the value of the specified column as a 32-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt32(Int32)</a> .)
 <a href="#">GetInt64(Int32)</a>	Retrieves the value of the specified column as a 64-bit signed integer.(Overrides <a href="#">DbDataReader.GetInt64(Int32)</a> .)
 <a href="#">GetLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">GetName(Int32)</a>	Retrieves the name of the specified column.(Overrides <a href="#">DbDataReader.GetName(Int32)</a> .)
 <a href="#">GetOrdinal(String)</a>	Retrieves the ordinal of the specified column.(Overrides <a href="#">DbDataReader.GetOrdinal(String)</a> .)
 <a href="#">GetRecordSet(Int32)</a>	Retrieves the recordset of the column.
 <a href="#">GetSchemaTable()</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetSchemaTable(String)</a>	Returns a DataTable that describes the column metadata of the updateable data record.
 <a href="#">GetStream(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetString(Int32)</a>	Retrieves the value of the column as a string.(Overrides <a href="#">DbDataReader.GetString(Int32)</a> .)
 <a href="#">GetTextReader(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetValue()</a>	Returns the value of the specified column.
 <a href="#">GetValue(Int32)</a>	Returns the value of the specified record.(Overrides <a href="#">DbDataReader.GetValue(Int32)</a> .)
 <a href="#">GetValue(Int32, DataRecordVersion)</a>	Returns the value of the column with the specified version.
 <a href="#">GetValues(Object[])</a>	Returns an array of objects with the column values of the current record.(Overrides <a href="#">DbDataReader.GetValues(Object[])</a> .)
 <a href="#">InitializeLifetimeService()</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">IsDBNull(Int32)</a>	Returns a value that indicates whether the column contains non-existent or missing values.(Overrides <a href="#">DbDataReader.IsDBNull(Int32)</a> .)
 <a href="#">IsDBNullAsync(Int32)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">IsDBNullAsync(Int32, CancellationToken)</a>	(Inherited from <a href="#">DbDataReader</a> .)
 <a href="#">LoadRow(DataRow, DataTableMappingCollection, DataColumnMappingCollection, SchemaType, MissingSchemaAction, MissingMappingAction)</a>	Loads the row of the specified record.
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone(Boolean)</a>	(Inherited from <a href="#">MarshalByRefObject</a> .)
 <a href="#">NextResult()</a>	(Inherited from <a href="#">DbDataReader</a> .)

 <a href="#">NextResultAsync()</a>	(Inherited from <a href="#">DbDataReader.</a> )
 <a href="#">NextResultAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader.</a> )
 <a href="#">Read()</a>	(Inherited from <a href="#">DbDataReader.</a> )
 <a href="#">ReadAsync()</a>	(Inherited from <a href="#">DbDataReader.</a> )
 <a href="#">ReadAsync(CancellationToken)</a>	(Inherited from <a href="#">DbDataReader.</a> )
 <a href="#">SetValue(Int32, Object)</a>	Specifies the value of the updateable data record u he specified index and value.
 <a href="#">SetValue(Object)</a>	Specifies the value of the updateable data record u he specified value.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">Update()</a>	Updates the specified data record.

Explicit Interface Implementations

	Name	Description
	<a href="#">IDataRecord.GetData(Int32)</a>	(Inherited from <a href="#">DbDataReader.</a> )

Thread Safety  
Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)









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# UpdateableDataRecord Members

Represents an updatable data record.































The following tables list the members exposed by the [UpdateableDataRecord](#) type.
















## Public Properties

	Name	Description
	<a href="#">Depth</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">IsClosed</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Item</a>	Overloaded. Overridden. Gets the specified column.
	<a href="#">RecordsAffected</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">State</a>	Gets the state of the current instance.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the current instance.
	<a href="#">Close</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	Overridden. Retrieves the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Retrieves the 8-bit unsigned integer value of the specified column.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer as an array, starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Retrieves the character value of the specified column.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetData</a>	Retrieves the data value of the specified column.
	<a href="#">GetDataTypeName</a>	Overridden. Retrieves the data type name.
	<a href="#">GetDateTime</a>	Overridden. Retrieves the value of the specified column as a DateTime object.
	<a href="#">GetDecimal</a>	Overridden. Retrieves the value of the specified column as a Decimal object.
	<a href="#">GetDouble</a>	Overridden. Retrieves the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetFieldType</a>	Overridden. Retrieves the Type that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Retrieves the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Retrieves the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	Overridden. Retrieves the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Retrieves the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Retrieves the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Retrieves the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Retrieves the ordinal of the specified column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )

	<a href="#">GetRecordSet</a>	Retrieves the recordset of the column.
	<a href="#">GetSchemaTable</a>	Overloaded.
	<a href="#">GetString</a>	Overridden. Retrieves the value of the column as a string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column.
	<a href="#">GetValues</a>	Overridden. Returns an array of objects with the column values of the current record.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Returns a value that indicates whether the column contains non-existent or missing values.
	<a href="#">NextResult</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Read</a>	(inherited from <a href="#">DbDataReader</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetValue</a>	Overloaded. Specifies the value of the updateable data record.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Update</a>	Updates the specified data record.

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#### Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">FillRow</a>	Fills the row with the specified objects.
	<a href="#">FillSchema</a>	Fills the schema with the specified objects.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. Retrieves the schema table of the updateable data record.
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column.
	<a href="#">LoadRow</a>	Loads the row of the specified record.
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetValue</a>	Overloaded. Specifies the value of the updateable data record.

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#### Explicit Interface Implementations

	<b>Name</b>	<b>Description</b>
	<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item</a>	Overloaded.

[Top](#)

See Also






























#### Reference

[UpdateableDataRecord Class](#)














[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord Methods











Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">AddNew</a>	Adds a new column to the current instance.
	<a href="#">Close</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">CreateObjRef</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">Delete</a>	Deletes the current instance.
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBoolean</a>	Overridden. Retrieves the value of the specified column as a Boolean.
	<a href="#">GetByte</a>	Overridden. Retrieves the 8-bit unsigned integer value of the specified column.
	<a href="#">GetBytes</a>	Overridden. Reads a stream of bytes from the specified column offset into the buffer as an array, starting at the given buffer offset.
	<a href="#">GetChar</a>	Overridden. Retrieves the character value of the specified column.
	<a href="#">GetChars</a>	Overridden. Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.
	<a href="#">GetData</a>	Retrieves the data value of the specified column.
	<a href="#">GetDataTypeName</a>	Overridden. Retrieves the data type name.
	<a href="#">GetDateTime</a>	Overridden. Retrieves the value of the specified column as a DateTime object.
	<a href="#">GetDecimal</a>	Overridden. Retrieves the value of the specified column as a Decimal object.
	<a href="#">GetDouble</a>	Overridden. Retrieves the value of the specified column as a double-precision floating point number.
	<a href="#">GetEnumerator</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetFieldType</a>	Overridden. Retrieves the Type that is the data type of the object.
	<a href="#">GetFloat</a>	Overridden. Retrieves the value of the specified column as a single-precision floating point number.
	<a href="#">GetGuid</a>	Overridden. Retrieves the value of the specified column as a globally unique identifier (GUID).
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetInt16</a>	Overridden. Retrieves the value of the specified column as a 16-bit signed integer.
	<a href="#">GetInt32</a>	Overridden. Retrieves the value of the specified column as a 32-bit signed integer.
	<a href="#">GetInt64</a>	Overridden. Retrieves the value of the specified column as a 64-bit signed integer.
	<a href="#">GetLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">GetName</a>	Overridden. Retrieves the name of the specified column.
	<a href="#">GetOrdinal</a>	Overridden. Retrieves the ordinal of the specified column.
	<a href="#">GetProviderSpecificFieldType</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValue</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetProviderSpecificValues</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetRecordSet</a>	Retrieves the recordset of the column.
	<a href="#">GetSchemaTable</a>	Overloaded.



	<a href="#">GetString</a>	Overridden. Retrieves the value of the column as a string.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column.
	<a href="#">GetValues</a>	Overridden. Returns an array of objects with the column values of the current record.
	<a href="#">InitializeLifetimeService</a>	(inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">IsDBNull</a>	Overridden. Returns a value that indicates whether the column contains non-existent or missing values.
	<a href="#">NextResult</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Read</a>	(inherited from <a href="#">DbDataReader</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetValue</a>	Overloaded. Specifies the value of the updateable data record.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Update</a>	Updates the specified data record.

#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded. (inherited from <a href="#">DbDataReader</a> )
	<a href="#">FillRow</a>	Fills the row with the specified objects.
	<a href="#">FillSchema</a>	Fills the schema with the specified objects.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetDbDataReader</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">GetSchemaTable</a>	Overloaded. Retrieves the schema table of the updateable data record.
	<a href="#">GetValue</a>	Overloaded. Retrieves the value of the specified column.
	<a href="#">LoadRow</a>	Loads the row of the specified record.
	<a href="#">MemberwiseClone</a>	Overloaded. (inherited from <a href="#">MarshalByRefObject</a> )
	<a href="#">SetValue</a>	Overloaded. Specifies the value of the updateable data record.

#### Explicit Interface Implementations

Name	Description
<a href="#">System.Data.IDataRecord.GetData</a>	(inherited from <a href="#">DbDataReader</a> )

See Also

#### Reference

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.AddNew Method

Adds a new column to the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overridable Sub AddNew
```

C#

```
public virtual void AddNew ()
```

C++

```
public:  
virtual void AddNew ()
```

J#

```
public void AddNew ()
```

JScript

```
public function AddNew ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.Delete Method

Deletes the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Sub Delete
```

C#

```
public virtual void Delete ()
```

C++

```
public:
virtual void Delete ()
```

J#

```
public void Delete ()
```

JScript

```
public function Delete ()
```

Remarks

Note that you cannot delete or update a FLAT file. This is because the DeleteCapable property is not returned to the provider, but instead goes directly to the host. Therefore, the provider has no way of knowing if delete operations are supported on the targeted files.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.FillRow Method

Fills the row with the specified objects.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub FillRow ( _
    row As DataRow, _
    tableMappings As DataTableMappingCollection, _
    columnMappings As DataColumnMappingCollection, _
    schemaType As SchemaType, _
    schemaAction As MissingSchemaAction, _
    mappingAction As MissingMappingAction _
)
```

C#

```
protected virtual void FillRow (
    DataRow row,
    DataTableMappingCollection tableMappings,
    DataColumnMappingCollection columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

C++

```
protected:
virtual void FillRow (
    DataRow^ row,
    DataTableMappingCollection^ tableMappings,
    DataColumnMappingCollection^ columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

J#

```
protected void FillRow (
    DataRow row,
    DataTableMappingCollection tableMappings,
    DataColumnMappingCollection columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

JScript

```
protected function FillRow (
    row : DataRow,
    tableMappings : DataTableMappingCollection,
    columnMappings : DataColumnMappingCollection,
    schemaType : SchemaType,
    schemaAction : MissingSchemaAction,
    mappingAction : MissingMappingAction
)
```

## Parameters

row

The row.

tableMappings

The table mappings.

columnMappings

The column mappings.

schemaType

The schema type.

schemaAction

The schema action.

mappingAction

The mapping action.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.FillSchema Method

Fills the schema with the specified objects.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function FillSchema ( _
    tableName As String, _
    tables As ICollection(Of DataTable), _
    dataSet As DataSet, _
    tableMappings As DataTableMappingCollection, _
    schemaType As SchemaType, _
    mappingAction As MissingMappingAction, _
    <OutAttribute> ByRef columnMappings As DataColumnMappingCollection _
) As DataTable
```

C#

```
protected virtual DataTable FillSchema (
    string tableName,
    ICollection<DataTable> tables,
    DataSet dataSet,
    DataTableMappingCollection tableMappings,
    SchemaType schemaType,
    MissingMappingAction mappingAction,
    out DataColumnMappingCollection columnMappings
)
```

C++

```
protected:
virtual DataTable^ FillSchema (
    String^ tableName,
    ICollection<DataTable^>^ tables,
    DataSet^ dataSet,
    DataTableMappingCollection^ tableMappings,
    SchemaType schemaType,
    MissingMappingAction mappingAction,
    [OutAttribute] DataColumnMappingCollection^% columnMappings
)
```

J#

```
protected DataTable FillSchema (
    String tableName,
    ICollection<DataTable> tables,
    DataSet dataSet,
    DataTableMappingCollection tableMappings,
    SchemaType schemaType,
    MissingMappingAction mappingAction,
    /** @attribute OutAttribute() */ /** @ref */ DataColumnMappingCollection columnMappings
)
```

JScript

## Parameters

tableName

The name of the table.

tables

The tables.

dataSet

The data set.

tableMappings

The table mappings.

schemaType

The type of schema.

mappingAction

The mapping action.

columnMappings

The column mappings.

#### **Return Value**

The schema to fill.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetBoolean Method

Retrieves the value of the specified column as a Boolean.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBoolean ( _
    i As Integer _
) As Boolean
```

C#

```
public override bool GetBoolean (
    int i
)
```

C++

```
public:
virtual bool GetBoolean (
    int i
) override
```

J#

```
public boolean GetBoolean (
    int i
)
```

JScript

```
public override function GetBoolean (
    i : int
) : boolean
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.GetByte Method

Retrieves the 8-bit unsigned integer value of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetByte ( _
    i As Integer _
) As Byte
```

C#

```
public override byte GetByte (
    int i
)
```

C++

```
public:
virtual unsigned char GetByte (
    int i
) override
```

J#

```
public byte GetByte (
    int i
)
```

JScript

```
public override function GetByte (
    i : int
) : byte
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The 8-bit unsigned integer value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetBytes Method

Reads a stream of bytes from the specified column offset into the buffer as an array, starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetBytes ( _
    i As Integer, _
    fieldOffset As Long, _
    buffer As Byte(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetBytes (
    int i,
    long fieldOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetBytes (
    int i,
    long long fieldOffset,
    array<unsigned char>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetBytes (
    int i,
    long fieldOffset,
    byte[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetBytes (
    i : int,
    fieldOffset : long,
    buffer : byte[],
    bufferOffset : int,
    length : int
) : long
```

**Parameters**

i

The zero-based column ordinal.

fieldOffset

The index within the field from which to start the read operation.

buffer

The buffer into which to read the stream of bytes.

bufferOffset

The index for buffer to start the read operation.

length

The number of bytes to read.

#### **Return Value**

The actual number of bytes read.

#### **Remarks**

GetBytes returns the number of available bytes in the field. Frequently this is the exact length of the field. However, the number returned may be less than the true length of the field if GetBytes has already been used to obtain bytes from the field.

If you pass a buffer that is **null** reference (Nothing in Visual Basic), GetBytes returns the length of the row in bytes.

No conversions are performed; therefore the data retrieved must already be a byte array.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetChar Method

Retrieves the character value of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChar ( _
    i As Integer _
) As Char
```

C#

```
public override char GetChar (
    int i
)
```

C++

```
public:
virtual wchar_t GetChar (
    int i
) override
```

J#

```
public char GetChar (
    int i
)
```

JScript

```
public override function GetChar (
    i : int
) : char
```

## Parameters

i

The zero-based column ordinal

## Return Value

The character value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetChars Method

Reads a stream of characters from the specified column offset into the buffer as an array starting at the given buffer offset.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetChars ( _
    i As Integer, _
    fieldOffset As Long, _
    buffer As Char(), _
    bufferOffset As Integer, _
    length As Integer _
) As Long
```

C#

```
public override long GetChars (
    int i,
    long fieldOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

C++

```
public:
virtual long long GetChars (
    int i,
    long long fieldOffset,
    array<wchar_t>^ buffer,
    int bufferOffset,
    int length
) override
```

J#

```
public long GetChars (
    int i,
    long fieldOffset,
    char[] buffer,
    int bufferOffset,
    int length
)
```

JScript

```
public override function GetChars (
    i : int,
    fieldOffset : long,
    buffer : char[],
    bufferOffset : int,
    length : int
) : long
```

**Parameters**

i

The zero-based column ordinal.

fieldOffset

The index within the field from which to start the read operation.

buffer

The buffer into which to read the stream of characters.

bufferOffset

The index for buffer to start the read operation.

length

The maximum number of characters read.

#### **Return Value**

The actual number of characters read.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetData Method

Retrieves the data value of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetData ( _
    i As Integer _
) As DbDataReader
```

C#

```
public DbDataReader GetData (
    int i
)
```

C++

```
public:
    DbDataReader^ GetData (
        int i
    )
```

J#

```
public DbDataReader GetData (
    int i
)
```

JScript

```
public function GetData (
    i : int
) : DbDataReader
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The data value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetDataTypeName Method

Retrieves the data type name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDataTypeName ( _
    i As Integer _
) As String
```

C#

```
public override string GetDataTypeName (
    int i
)
```

C++

```
public:
virtual String^ GetDataTypeName (
    int i
) override
```

J#

```
public String GetDataTypeName (
    int i
)
```

JScript

```
public override function GetDataTypeName (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The data type name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.GetDateTime Method

Retrieves the value of the specified column as a DateTime object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDateTime ( _
    i As Integer _
) As DateTime
```

C#

```
public override DateTime GetDateTime (
    int i
)
```

C++

```
public:
virtual DateTime GetDateTime (
    int i
) override
```

J#

```
public DateTime GetDateTime (
    int i
)
```

JScript

```
public override function GetDateTime (
    i : int
) : DateTime
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetDecimal Method

Retrieves the value of the specified column as a Decimal object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDecimal ( _
    i As Integer _
) As Decimal
```

C#

```
public override decimal GetDecimal (
    int i
)
```

C++

```
public:
virtual Decimal GetDecimal (
    int i
) override
```

J#

```
public Decimal GetDecimal (
    int i
)
```

JScript

```
public override function GetDecimal (
    i : int
) : decimal
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetDouble Method

Retrieves the value of the specified column as a double-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetDouble ( _
    i As Integer _
) As Double
```

C#

```
public override double GetDouble (
    int i
)
```

C++

```
public:
virtual double GetDouble (
    int i
) override
```

J#

```
public double GetDouble (
    int i
)
```

JScript

```
public override function GetDouble (
    i : int
) : double
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetFieldType Method

Retrieves the Type that is the data type of the object.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFieldType ( _
    i As Integer _
) As Type
```

C#

```
public override Type GetFieldType (
    int i
)
```

C++

```
public:
virtual Type^ GetFieldType (
    int i
) override
```

J#

```
public Type GetFieldType (
    int i
)
```

JScript

```
public override function GetFieldType (
    i : int
) : Type
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The Type that is the data type of the object. If the type does not exist on the client, in the case of a User-Defined Type (UDT) returned from the database, **GetFieldType** returns **null**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetFloat Method

Retrieves the value of the specified column as a single-precision floating point number.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetFloat ( _
    i As Integer _
) As Single
```

C#

```
public override float GetFloat (
    int i
)
```

C++

```
public:
virtual float GetFloat (
    int i
) override
```

J#

```
public float GetFloat (
    int i
)
```

JScript

```
public override function GetFloat (
    i : int
) : float
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetGuid Method

Retrieves the value of the specified column as a globally unique identifier (GUID).

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetGuid ( _
    i As Integer _
) As Guid
```

C#

```
public override Guid GetGuid (
    int i
)
```

C++

```
public:
virtual Guid GetGuid (
    int i
) override
```

J#

```
public Guid GetGuid (
    int i
)
```

JScript

```
public override function GetGuid (
    i : int
) : Guid
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetInt16 Method

Retrieves the value of the specified column as a 16-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt16 ( _
    i As Integer _
) As Short
```

C#

```
public override short GetInt16 (
    int i
)
```

C++

```
public:
virtual short GetInt16 (
    int i
) override
```

J#

```
public short GetInt16 (
    int i
)
```

JScript

```
public override function GetInt16 (
    i : int
) : short
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetInt32 Method

Retrieves the value of the specified column as a 32-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt32 ( _
    i As Integer _
) As Integer
```

C#

```
public override int GetInt32 (
    int i
)
```

C++

```
public:
virtual int GetInt32 (
    int i
) override
```

J#

```
public int GetInt32 (
    int i
)
```

JScript

```
public override function GetInt32 (
    i : int
) : int
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.GetInt64 Method

Retrieves the value of the specified column as a 64-bit signed integer.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetInt64 ( _
    i As Integer _
) As Long
```

C#

```
public override long GetInt64 (
    int i
)
```

C++

```
public:
virtual long long GetInt64 (
    int i
) override
```

J#

```
public long GetInt64 (
    int i
)
```

JScript

```
public override function GetInt64 (
    i : int
) : long
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetName Method

Retrieves the name of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetName ( _
    i As Integer _
) As String
```

C#

```
public override string GetName (
    int i
)
```

C++

```
public:
virtual String^ GetName (
    int i
) override
```

J#

```
public String GetName (
    int i
)
```

JScript

```
public override function GetName (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The name of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetOrdinal Method

Retrieves the ordinal of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetOrdinal ( _
    name As String _
) As Integer
```

C#

```
public override int GetOrdinal (
    string name
)
```

C++

```
public:
virtual int GetOrdinal (
    String^ name
) override
```

J#

```
public int GetOrdinal (
    String name
)
```

JScript

```
public override function GetOrdinal (
    name : String
) : int
```

## Parameters

name

The name of the column.

## Return Value

The ordinal of the specified column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetRecordSet Method

Retrieves the recordset of the column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function GetRecordSet ( _
    index As Integer _
) As IDataRecordSet
```

C#

```
public virtual IDataRecordSet GetRecordSet (
    int index
)
```

C++

```
public:
virtual IDataRecordSet^ GetRecordSet (
    int index
)
```

J#

```
public IDataRecordSet GetRecordSet (
    int index
)
```

JScript

```
public function GetRecordSet (
    index : int
) : IDataRecordSet
```

## Parameters

index

The zero-based column ordinal.

## Return Value

The recordset of the column.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)



[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetSchemaTable Method

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">GetSchemaTable()</a>	(Inherited from <a href="#">DbDataReader</a> .)
	<a href="#">GetSchemaTable(String)</a>	Returns a DataTable that describes the column metadata of the updateable data record.

See Also

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## UpdateableDataRecord.GetSchemaTable Method (String)

Returns a DataTable that describes the column metadata of the updateable data record.

Syntax

C#

```
protected virtual DataTable GetSchemaTable(  
    string tableName  
)
```

C++

```
protected:  
virtual DataTable^ GetSchemaTable(  
    String^ tableName  
)
```

F#

```
abstract GetSchemaTable :  
    tableName:string -> DataTable  
override GetSchemaTable :  
    tableName:string -> DataTable
```

VB

```
Protected Overridable Function GetSchemaTable (  
    tableName As String  
) As DataTable
```

## Parameters

*tableName*

Type: [System.String](#)

The name of the table.

## Return Value

Type: [System.Data.DataTable](#)

A DataTable that describes the column metadata.

[Return to top](#)

# UpdateableDataRecord.GetSchemaTable Method (String)

Returns a DataTable that describes the column metadata of the updateable data record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function GetSchemaTable ( _
    tableName As String _
) As DataTable
```

C#

```
protected virtual DataTable GetSchemaTable (
    string tableName
)
```

C++

```
protected:
virtual DataTable^ GetSchemaTable (
    String^ tableName
)
```

J#

```
protected DataTable GetSchemaTable (
    String tableName
)
```

JScript

```
protected function GetSchemaTable (
    tableName : String
) : DataTable
```

## Parameters

tableName

The name of the table.

## Return Value

A DataTable that describes the column metadata.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetString Method

Retrieves the value of the column as a string.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetString ( _
    i As Integer _
) As String
```

C#

```
public override string GetString (
    int i
)
```

C++

```
public:
virtual String^ GetString (
    int i
) override
```

J#

```
public String GetString (
    int i
)
```

JScript

```
public override function GetString (
    i : int
) : String
```

## Parameters

i

The zero-based column ordinal.

## Return Value

The value of the column as a string.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)




# UpdateableDataRecord.GetValue Method

Retrieves the value of the specified column.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

	Name	Description
	<a href="#">GetValue()</a>	Returns the value of the specified column.
	<a href="#">GetValue(Int32)</a>	Returns the value of the specified record.(Overrides <a href="#">DbDataReader.GetValue(Int32)</a> .)
	<a href="#">GetValue(Int32, DataRecordVersion)</a>	Returns the value of the column with the specified index and version.

See Also

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

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## UpdateableDataRecord.GetValue Method ()

Returns the value of the specified column.

Syntax

C#

```
protected object GetValue()
```

C++

```
protected:  
Object^ GetValue()
```

F#

```
member GetValue : unit -> Object
```

VB

```
Protected Function GetValue As Object
```

## Return Value

Type: [System.Object](#)

The value of the specified column.

[Return to top](#)

## UpdateableDataRecord.GetValue Method (Int32)

Returns the value of the specified record.

Syntax

C#

```
public override object GetValue(  
    int i  
)
```

C++

```
public:  
virtual Object^ GetValue(  
    int i  
) override
```



F#

```
override GetValue :  
    i:int -> Object
```

VB

```
Public Overrides Function GetValue (  
    i As Integer  
) As Object
```

#### Parameters

*i*

Type: [System.Int32](#)

The index of the specified record.

#### Return Value

Type: [System.Object](#)

The value of the specified record.

#### Implements

[IDataRecord.GetValue\(Int32\)](#) [IDataRecord.GetValue\(Int32\)](#)

[Return to top](#)

#### UpdateableDataRecord.GetValue Method (Int32, DataRecordVersion)

Returns the value of the column with the specified index and version.

Syntax

C#

```
public virtual object GetValue(  
    int index,  
    DataRecordVersion version  
)
```

C++

```
public:  
virtual Object^ GetValue(  
    int index,  
    DataRecordVersion version  
)
```

F#

```
abstract GetValue :  
    index:int *  
    version:DataRecordVersion -> Object  
override GetValue :  
    index:int *  
    version:DataRecordVersion -> Object
```

VB

```
Public Overridable Function GetValue (  
    index As Integer,  
    version As DataRecordVersion  
) As Object
```

#### Parameters

*index*

Type: [System.Int32](#)

The zero-based column ordinal.

*version*

Type: [Microsoft.HostIntegration.MsHostFileClient.DataRecordVersion](#)

The version of the column.

#### **Return Value**

Type: [System.Object](#)

The value of the column.

#### **Implements**

[IUpdateableDataRecord.GetValue\(Int32, DataRecordVersion\)](#)

[Return to top](#)

# UpdateableDataRecord.GetValue Method ()

Returns the value of the specified column.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Function GetValue As Object
```

C#

```
protected Object GetValue ()
```

C++

```
protected:
Object^ GetValue ()
```

J#

```
protected Object GetValue ()
```

JScript

```
protected function GetValue () : Object
```

## Return Value

The value of the specified column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetValue Method (Int32)

Returns the value of the specified record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValue ( _
    i As Integer _
) As Object
```

C#

```
public override Object GetValue (
    int i
)
```

C++

```
public:
virtual Object^ GetValue (
    int i
) override
```

J#

```
public Object GetValue (
    int i
)
```

JScript

```
public override function GetValue (
    i : int
) : Object
```

## Parameters

i

The index of the specified record.

## Return Value

The value of the specified record.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetValue Method (Int32, DataRecordVersion)

Returns the value of the column with the specified index and version.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function GetValue ( _
    index As Integer, _
    version As DataRecordVersion _
) As Object
```

C#

```
public virtual Object GetValue (
    int index,
    DataRecordVersion version
)
```

C++

```
public:
virtual Object^ GetValue (
    int index,
    DataRecordVersion version
)
```

J#

```
public Object GetValue (
    int index,
    DataRecordVersion version
)
```

JScript

```
public function GetValue (
    index : int,
    version : DataRecordVersion
) : Object
```

## Parameters

index

The zero-based column ordinal.

version

The version of the column.

## Return Value

The value of the column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.GetValues Method

Returns an array of objects with the column values of the current record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function GetValues ( _
    values As Object() _
) As Integer
```

C#

```
public override int GetValues (
    Object[] values
)
```

C++

```
public:
virtual int GetValues (
    array<Object^>^ values
) override
```

J#

```
public int GetValues (
    Object[] values
)
```

JScript

```
public override function GetValues (
    values : Object[]
) : int
```

## Parameters

values

An array of object to copy the attribute fields into.

## Return Value

The number of column values copied into the array.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.IsDBNull Method

Returns a value that indicates whether the column contains non-existent or missing values.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function IsDBNull ( _
    i As Integer _
) As Boolean
```

C#

```
public override bool IsDBNull (
    int i
)
```

C++

```
public:
virtual bool IsDBNull (
    int i
) override
```

J#

```
public boolean IsDBNull (
    int i
)
```

JScript

```
public override function IsDBNull (
    i : int
) : boolean
```

## Parameters

i

The zero-based column ordinal.

## Return Value

**true** if the specified column value is equivalent to DBNull; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.LoadRow Method

Loads the row of the specified record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub LoadRow ( _
    row As DataRow, _
    tableMappings As DataTableMappingCollection, _
    columnMappings As DataColumnMappingCollection, _
    schemaType As SchemaType, _
    schemaAction As MissingSchemaAction, _
    mappingAction As MissingMappingAction _
)
```

C#

```
protected virtual void LoadRow (
    DataRow row,
    DataTableMappingCollection tableMappings,
    DataColumnMappingCollection columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

C++

```
protected:
virtual void LoadRow (
    DataRow^ row,
    DataTableMappingCollection^ tableMappings,
    DataColumnMappingCollection^ columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

J#

```
protected void LoadRow (
    DataRow row,
    DataTableMappingCollection tableMappings,
    DataColumnMappingCollection columnMappings,
    SchemaType schemaType,
    MissingSchemaAction schemaAction,
    MissingMappingAction mappingAction
)
```

JScript

```
protected function LoadRow (
    row : DataRow,
    tableMappings : DataTableMappingCollection,
    columnMappings : DataColumnMappingCollection,
    schemaType : SchemaType,
    schemaAction : MissingSchemaAction,
    mappingAction : MissingMappingAction
)
```

## Parameters

row

The row.

tableMappings

The table mappings.

columnMappings

The column mappings.

schemaType

The schema type.

schemaAction

The schema action.

mappingAction

The mapping action.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.SetValue Method

Specifies the value of the updateable data record.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Overload List

	Name	Description
	<a href="#">SetValue(Int32, Object)</a>	Specifies the value of the updateable data record using the specified index and value.
	<a href="#">SetValue(Object)</a>	Specifies the value of the updateable data record using the specified value.

See Also

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

**UpdateableDataRecord.SetValue Method (Int32, Object)**

Specifies the value of the updateable data record using the specified index and value.

Syntax

C#

```
public virtual void SetValue(  
    int index,  
    object value  
)
```

C++

```
public:  
virtual void SetValue(  
    int index,  
    Object^ value  
)
```

F#

```
abstract SetValue :  
    index:int *  
    value:Object -> unit  
override SetValue :  
    index:int *  
    value:Object -> unit
```

VB

```
Public Overridable Sub SetValue (  
    index As Integer,  
    value As Object  
)
```

**Parameters**

*index*

Type: [System.Int32](#)

The zero-based column ordinal.

*value*

Type: [System.Object](#)

The value of the record.

**Implements**

[IUpdateableDataRecord.SetValue\(Int32, Object\)](#)

[Return to top](#)

### **UpdateableDataRecord.SetValue Method (Object)**

Specifies the value of the updateable data record using the specified value.

Syntax

C#

```
protected void SetValue(  
    object value  
)
```

C++

```
protected:  
void SetValue(  
    Object^ value  
)
```

F#

```
member SetValue :  
    value:Object -> unit
```

VB

```
Protected Sub SetValue (  
    value As Object  
)
```

### **Parameters**

*value*

Type: [System.Object](#)

The value of the record.

[Return to top](#)

# UpdateableDataRecord.SetValue Method (Object)

Specifies the value of the updateable data record using the specified value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub SetValue ( _
    value As Object _
)
```

C#

```
protected void SetValue (
    Object value
)
```

C++

```
protected:
void SetValue (
    Object^ value
)
```

J#

```
protected void SetValue (
    Object value
)
```

JScript

```
protected function SetValue (
    value : Object
)
```

## Parameters

value

The value of the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.SetValue Method (Int32, Object)

Specifies the value of the updateable data record using the specified index and value.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Sub SetValue ( _
    index As Integer, _
    value As Object _
)
```

C#

```
public virtual void SetValue (
    int index,
    Object value
)
```

C++

```
public:
virtual void SetValue (
    int index,
    Object^ value
)
```

J#

```
public void SetValue (
    int index,
    Object value
)
```

JScript

```
public function SetValue (
    index : int,
    value : Object
)
```

## Parameters

index

The zero-based column ordinal.

value

The value of the record.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)



# UpdateableDataRecord.Update Method

Updates the specified data record.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function Update As UpdateResult
```

C#

```
public virtual UpdateResult Update ()
```

C++

```
public:
virtual UpdateResult Update ()
```

J#

```
public UpdateResult Update ()
```

JScript

```
public function Update () : UpdateResult
```

## Return Value

The update result.

Remarks

Note that you cannot delete or update a FLAT file. This is because the DeleteCapable property is not returned to the provider, but instead goes directly to the host. Therefore, the provider has no way of knowing if delete operations are supported on the targeted files.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)









[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord Properties

Public Properties

	Name	Description
	<a href="#">Depth</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">FieldCount</a>	Overridden. Gets the number of columns in the current row.
	<a href="#">HasRows</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">IsClosed</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">Item</a>	Overloaded. Overridden. Gets the specified column.
	<a href="#">RecordsAffected</a>	(inherited from <a href="#">DbDataReader</a> )
	<a href="#">State</a>	Gets the state of the current instance.
	<a href="#">VisibleFieldCount</a>	(inherited from <a href="#">DbDataReader</a> )

Explicit Interface Implementations

	Name	Description
	<a href="#">Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item</a>	Overloaded.

See Also

Reference

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.FieldCount Property

Gets the number of columns in the current row.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FieldCount As Integer
```

C#

```
public override int FieldCount { get; }
```

C++

```
public:
virtual property int FieldCount {
    int get () override;
}
```

J#

```
/** @property */
public int get_FieldCount ()
```

JScript

```
public override function get FieldCount () : int
```

## Property Value

When not positioned in a valid recordset, 0; otherwise the number of columns in the current record. The default is -1.

Remarks

After executing a query that does not return rows (for example, using the ExecuteNonQuery method), FieldCount returns -1.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)





# UpdateableDataRecord.Item Property

Gets the specified column.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

## Overload List

Name	Description
 <a href="#">Item(Int32)</a>	Gets the column located at the specified index.(Overrides <a href="#">DbDataReader.Item(Int32)</a> .)
 <a href="#">Item(Int32, DataRecordVersion)</a>	Gets the column with the specified index and version.
 <a href="#">Item(String)</a>	Gets the column with the specified name.(Overrides <a href="#">DbDataReader.Item(String)</a> .)
 <a href="#">Item(String, DataRecordVersion)</a>	Gets the column with the specified name and version.

See Also

[UpdateableDataRecord Class](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

[Return to top](#)

## UpdateableDataRecord.Item Property (Int32)

Gets the column located at the specified index.

Syntax

C#

```
public override object this[
    int index
] { get; }
```

C++

```
public:
property Object^ default[
    int index
] {
    virtual Object^ get(int index) override;
}
```

F#

```
override Item :
    index:int -> Object with get
```

VB

```
Public Overrides ReadOnly Property Item (
    index As Integer
) As Object
```

## Parameters

*index*

Type: [System.Int32](#)

The index of the column to get.

## Property Value

Type: [System.Object](#)

The column located at the specified index as an Object.

## Implements

[IDataRecord.Item\(Int32\)](#) [IDataRecord.Item\(Int32\)](#)

[Return to top](#)

### UpdateableDataRecord.Item Property (Int32, DataRecordVersion)

Gets the column with the specified index and version.

Syntax

C#

```
public virtual object this[
    int index,
    DataRecordVersion version
] { get; }
```

C++

```
public:
property Object^ default[
    int index,
    DataRecordVersion version
] {
    virtual Object^ get(int index, DataRecordVersion version);
}
```

F#

```
abstract Item :
    index:int *
    version:DataRecordVersion -> Object with get
override Item :
    index:int *
    version:DataRecordVersion -> Object with get
```

VB

```
Public Overridable ReadOnly Property Item (
    index As Integer,
    version As DataRecordVersion
) As Object
```

#### Parameters

*index*

Type: [System.Int32](#)

The index of the column to get.

*version*

Type: [Microsoft.HostIntegration.MsHostFileClient.DataRecordVersion](#)

The version of the column to get.

#### Property Value

Type: [System.Object](#)

The column with the specified index and version.

[Return to top](#)

### UpdateableDataRecord.Item Property (String)

Gets the column with the specified name.

Syntax

C#

```
public override object this[
    string name
] { get; }
```

C++

```
public:
property Object^ default[
```

```
String^ name
] {
    virtual Object^ get(String^ name) override;
}
```

F#

```
override Item :
    name:string -> Object with get
```

VB

```
Public Overrides ReadOnly Property Item (
    name As String
) As Object
```

## Parameters

*name*

Type: [System.String](#)

The name of the column to find.

## Property Value

Type: [System.Object](#)

The column with the specified name as an Object.

## Implements

[IDataRecord.Item\(String\)](#) [IDataRecord.Item\(String\)](#)

Remarks

A case-sensitive lookup is performed first. If it fails, a second case-insensitive search is made.

[Return to top](#)

## UpdateableDataRecord.Item Property (String, DataRecordVersion)

Gets the column with the specified name and version.

Syntax

C#

```
public virtual object this[
    string name,
    DataRecordVersion version
] { get; }
```

C++

```
public:
property Object^ default[
    String^ name,
    DataRecordVersion version
] {
    virtual Object^ get(String^ name, DataRecordVersion version);
}
```

F#

```
abstract Item :
    name:string *
    version:DataRecordVersion -> Object with get
override Item :
    name:string *
    version:DataRecordVersion -> Object with get
```

VB

```
Public Overridable ReadOnly Property Item (
    name As String,
    version As DataRecordVersion
```

) [As Object](#)

#### Parameters

##### *Name*

The name of the column to get.

##### *version*

Type: [Microsoft.HostIntegration.MsHostFileClient.DataRecordVersion](#)

The version of the column to get.

#### Property Value

Type: [System.Object](#)

The column with the specified name and version.

[Return to top](#)

# UpdateableDataRecord.Item Property (Int32)

Gets the column located at the specified index.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    index As Integer _
) As Object
```

C#

```
public override Object this [
    int index
] { get; }
```

C++

```
public:
virtual property Object^ default [int] {
    Object^ get (int index) override;
}
```

J#

```
/** @property */
public Object get_Item (int index)
```

JScript

## Parameters

index

The index of the column to get.

## Property Value

The column located at the specified index as an Object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.Item Property (String)

Gets the column with the specified name.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Default Property Item ( _
    name As String _
) As Object
```

C#

```
public override Object this [
    string name
] { get; }
```

C++

```
public:
virtual property Object^ default [String^] {
    Object^ get (String^ name) override;
}
```

J#

```
/** @property */
public Object get_Item (String name)
```

JScript

## Parameters

name

The name of the column to find.

## Property Value

The column with the specified name as an Object.

Remarks

A case-sensitive lookup is performed first. If it fails, a second case-insensitive search is made.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)



# UpdateableDataRecord.Item Property (Int32, DataRecordVersion)

Gets the column with the specified index and version.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable ReadOnly Default Property Item ( _
    index As Integer, _
    version As DataRecordVersion _
) As Object
```

C#

```
public virtual Object this [
    int index,
    DataRecordVersion version
] { get; }
```

C++

```
public:
virtual property Object^ default [int, DataRecordVersion] {
    Object^ get (int index, DataRecordVersion version);
}
```

J#

```
/** @property */
public Object get_Item (int index, DataRecordVersion version)
```

JScript

## Parameters

index

The index of the column to get.

version

The version of the column to get.

## Property Value

The column with the specified index and version.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)



# UpdateableDataRecord.Item Property (String, DataRecordVersion)

Gets the column with the specified name and version.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable ReadOnly Default Property Item ( _
    name As String, _
    version As DataRecordVersion _
) As Object
```

C#

```
public virtual Object this [
    string name,
    DataRecordVersion version
] { get; }
```

C++

```
public:
virtual property Object^ default [String^, DataRecordVersion] {
    Object^ get (String^ name, DataRecordVersion version);
}
```

J#

```
/** @property */
public Object get_Item (String name, DataRecordVersion version)
```

JScript

## Parameters

name

version

The version of the column to get.

## Property Value

The column with the specified name and version.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item Property

Overload List

Name	Description
<a href="#">UpdateableDataRecord.Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item (Int32)</a>	
<a href="#">UpdateableDataRecord.Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item (String)</a>	

See Also

**Reference**

- [UpdateableDataRecord Class](#)
- [UpdateableDataRecord Members](#)
- [Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item Property (Int32)

**Namespace:** Microsoft.HostIntegration.MsHostFileClient  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)  
Usage  
Syntax  
VB

```
'Declaration
```

C#

C++

J#

JScript

**Parameters**  
index  
  
Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.  
Platforms  
**Development Platforms**  
Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2  
**Target Platforms**  
See Also  
**Reference**  
[UpdateableDataRecord Class](#)  
[UpdateableDataRecord Members](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.Microsoft.HostIntegration.MsHostFileClient.IUpdateableDataRecord.Item Property (String)

**Namespace:** Microsoft.HostIntegration.MsHostFileClient  
**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)  
Usage  
Syntax  
VB

```
'Declaration
```

```
C#
```

```
C++
```

```
J#
```

```
JScript
```

**Parameters**  
name  
  
Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.  
Platforms  
**Development Platforms**  
Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2  
**Target Platforms**  
See Also  
**Reference**  
[UpdateableDataRecord Class](#)  
[UpdateableDataRecord Members](#)  
[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateableDataRecord.State Property

Gets the state of the current instance.

**Namespace:** Microsoft.HostIntegration.MsHostFileClient

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in microsoft.hostintegration.mshostfileclient.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable ReadOnly Property State As DataRecordState
```

C#

```
public virtual DataRecordState State { get; }
```

C++

```
public:
virtual property DataRecordState State {
    DataRecordState get ();
}
```

J#

```
/** @property */
public DataRecordState get_State ()
```

JScript

```
public function get State () : DataRecordState
```

## Property Value

The state of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[UpdateableDataRecord Class](#)

[UpdateableDataRecord Members](#)

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)

# UpdateResult Enumeration

Specifies the result of an attempted update.

**Namespace:** [Microsoft.HostIntegration.MsHostFileClient](#)

**Assembly:** Microsoft.HostIntegration.MsHostFileClient (in Microsoft.HostIntegration.MsHostFileClient.dll)

Syntax

C#

```
public enum UpdateResult
```

C++

```
public enum class UpdateResult
```

F#

```
type UpdateResult
```

VB

```
Public Enumeration UpdateResult
```

Members

Member name	Description
<b>Added</b>	The result is added.
<b>Deleted</b>	The result is deleted.
<b>None</b>	The result is none.
<b>Updated</b>	The result is updated.

See Also

[Microsoft.HostIntegration.MsHostFileClient Namespace](#)






















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# Microsoft.HostIntegration.SNA.Session Namespace














Contains the Session Integrator interface, which allows programmatic access to LU0 and LU2 protocols.

## Classes

Class	Description
 <a href="#">EBCDICEncoding</a>	Assists in encoding strings into the EBCDIC format.
 <a href="#">FunctionManagementHeader</a>	Represents a single function management header.
 <a href="#">HostConverter</a>	Provides a wrapper for the string conversion methods in the EBCDICEncoding class.
 <a href="#">ScreenCursor</a>	Provides access to the cursor on the terminal screen.
 <a href="#">ScreenData</a>	Grants access to a specified area of the raw 3270 data representation.
 <a href="#">ScreenField</a>	Grants access to a particular area of the LU2 screen, including the data and attributes.
 <a href="#">ScreenFieldAttributeData</a>	Provides all of the attributes about the ScreenField data.
 <a href="#">ScreenFieldCollection</a>	Contains a collection of ScreenField instances.
 <a href="#">ScreenFieldIndividualAttributeData</a>	Describes the attribute data of a single field.
 <a href="#">ScreenPartialField</a>	Provides access to a part of a screen field.
 <a href="#">ScreenPartialFieldCollection</a>	Contains a collection of ScreenPartialFields instances.
 <a href="#">ScreenPosition</a>	Provides access to a position on the LU2 screen as a 1-based row and column position.
 <a href="#">SessionConnection</a>	SessionConnection is an abstract connection inherited by SessionConnectionLU0 and SessionConnectionDisplay.
 <a href="#">SessionConnectionDisplay</a>	Provides the connection interface for the session display.
 <a href="#">SessionConnectionLU0</a>	Connects to a LU0 session.
 <a href="#">SessionDisplay</a>	Represents a virtual 3270 screen.
 <a href="#">SessionDisplayScript</a>	Programmatically accesses scripts created for the Microsoft Host Integration Server 3270 client.
 <a href="#">SessionDisplayVariableCollection</a>	Provides variables you can use in Session Integrator scripts.
 <a href="#">SessionException</a>	Represents a session exception.
 <a href="#">SessionLU0</a>	Represents a programmable SNA Session to a mainframe.
 <a href="#">SessionLU0Data</a>	Provides access to data being sent and received on an active LU0 session.

## Enumerations

Enumeration	Description
 <a href="#">FunctionManagementHeaderType</a>	Describes the type of function management header (FMH) associated with a given set of data.
 <a href="#">FunctionManagementProfile</a>	Represents the function management profiles supported by Session Integrator.
 <a href="#">ImplementationDetail</a>	Enumerates an implementation details.
 <a href="#">InvalidCharacterAction</a>	Enumerates the action for invalid character.
 <a href="#">ScreenFieldAttribute</a>	Describes the attributes of a field.

 <a href="#">ScreenFieldColor</a>	Contains the possible screen colors returned in the 3270 data stream.
 <a href="#">ScreenFieldHighlighting</a>	Contains the possible screen highlighting values returned in the 3270 data stream.
 <a href="#">SessionDisplayKeys</a>	Describes the session display keys.
 <a href="#">SessionDisplayTransport</a>	Contains the possible transport values for establishing a SessionDisplayConnection.
 <a href="#">SessionDisplayWaitType</a>	Contains the possible wait types that can be used when calling the wait functions.
 <a href="#">SessionLU0InitType</a>	Represents the session initialization type.
 <a href="#">SessionLU0ReceiveIndication</a>	Represents the current state of a session associated with a receive call.
 <a href="#">SessionLU0SendIndication</a>	Contains values used by the Send method of SessionLU0.
 <a href="#">SessionStatus</a>	Displays the status message of a Session Integrator session.
 <a href="#">TNCertificateCheck</a>	Represents the TN Certificate Check.
 <a href="#">TNDeviceType</a>	Describes the TN device types.
 <a href="#">TNSecurity</a>	Represents the TN Security.
 <a href="#">TransmissionServicesProfile</a>	Describes the transmission services profiles supported by Session Integrator.

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# EBCDICEncoding Class

Assists in encoding strings into the EBCDIC format.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.SNA.Session.EBCDICEncoding**

Syntax  
C#

```
[SerializableAttribute]
public class EBCDICEncoding
```

C++

```
[SerializableAttribute]
public ref class EBCDICEncoding
```



F#

```
[<SerializableAttribute>]
type EBCDICEncoding = class end
```













VB

```
<SerializableAttribute>
Public Class EBCDICEncoding
```

Constructors

	Name	Description
	<a href="#">EBCDICEncoding()</a>	Creates a new instance of the <b>EBCDICEncoding</b> class.
	<a href="#">EBCDICEncoding(Int32)</a>	Creates a new instance of the <b>EBCDICEncoding</b> class using the specified codepage.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetBytes(String)</a>	Converts a Unicode string to EBCDIC, returning a byte array.
	<a href="#">GetCodePage()</a>	Returns the code page of the current object.
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetString(Byte[])</a>	Gets the string described in the specified array.
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">SetCodePage(Int32)</a>	Sets the code page of the current object.
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
	 <a href="#">ValidateCodePage(Int32)</a>	Validates the specified code page.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# EBCDICEncoding Members

Assists in encoding strings into the EBCDIC format.














The following tables list the members exposed by the [EBCDICEncoding](#) type.

## Public Constructors

Name	Description
<a href="#">EBCDICEncoding</a>	Overloaded. Creates a new instance of the <a href="#">EBCDICEncoding</a> class.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetByteCount</a>	Gets the byte count of the specified character string. <b>Obsolete.</b>
	<a href="#">GetBytes</a>	Overloaded.
	<a href="#">GetCodePage</a>	Returns the code page of the current object.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Overloaded.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetCodePage</a>	Sets the code page of the current object.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateCodePage</a>	Validates the specified code page.

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[EBCDICEncoding Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# EBCDICEncoding Constructor

Creates a new instance of the [EBCDICEncoding](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">EBCDICEncoding()</a>	Creates a new instance of the <a href="#">EBCDICEncoding</a> class.
 <a href="#">EBCDICEncoding(Int32)</a>	Creates a new instance of the <a href="#">EBCDICEncoding</a> class using the specified codepage.

See Also

[EBCDICEncoding Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### EBCDICEncoding Constructor ()

Creates a new instance of the [EBCDICEncoding](#) class.

Syntax

C#

```
public EBCDICEncoding()
```

C++

```
public:  
EBCDICEncoding()
```

F#

```
new : unit -> EBCDICEncoding
```

VB

```
Public Sub New
```

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### EBCDICEncoding Constructor (Int32)

Creates a new instance of the [EBCDICEncoding](#) class using the specified codepage.

Syntax

C#

```
public EBCDICEncoding(  
    int codePage  
)
```

C++

```
public:  
EBCDICEncoding(  
    int codePage  
)
```

F#

```
new :  
    codePage:int -> EBCDICEncoding
```

VB

```
Public Sub New (  
    codePage As Integer  
)
```

#### Parameters

*codePage*

Type: [System.Int32](#)

The codepage to use.

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# EBCDICEncoding Constructor ()

Creates a new instance of the [EBCDICEncoding](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public EBCDICEncoding ()
```

C++

```
public:  
EBCDICEncoding ()
```

J#

```
public EBCDICEncoding ()
```

JScript

```
public function EBCDICEncoding ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# EBCDICEncoding Constructor (Int32)

Creates a new instance of the [EBCDICEncoding](#) class using the specified codepage.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    codePage As Integer _
)
```

C#

```
public EBCDICEncoding (
    int codePage
)
```

C++

```
public:
    EBCDICEncoding (
        int codePage
    )
```

J#

```
public EBCDICEncoding (
    int codePage
)
```

JScript

```
public function EBCDICEncoding (
    codePage : int
)
```

## Parameters

codePage

The codepage to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetByteCount</a>	Gets the byte count of the specified character string. <b>Obsolete.</b>
	<a href="#">GetBytes</a>	Overloaded.
	<a href="#">GetCodePage</a>	Returns the code page of the current object.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetString</a>	Overloaded.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SetCodePage</a>	Sets the code page of the current object.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ValidateCodePage</a>	Validates the specified code page.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [EBCDICEncoding Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.GetByteCount Method

Gets the byte count of the specified character string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Was needed for Obsolete overload of GetBytes")> _
Public Function GetByteCount ( _
    characters As String _
) As Integer
```

C#

```
[ObsoleteAttribute("Was needed for Obsolete overload of GetBytes")]
public int GetByteCount (
    string characters
)
```

C++

```
[ObsoleteAttribute(L"Was needed for Obsolete overload of GetBytes")]
public:
int GetByteCount (
    String^ characters
)
```

J#

```
/** @attribute ObsoleteAttribute("Was needed for Obsolete overload of GetBytes") */
public int GetByteCount (
    String characters
)
```

JScript

```
ObsoleteAttribute("Was needed for Obsolete overload of GetBytes")
public function GetByteCount (
    characters : String
) : int
```

## Parameters

characters

The string to find the byte count for.

## Return Value

The byte count of the specified character string.

Remarks

This method is obsolete.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.GetBytes Method (String)

Converts a Unicode string to EBCDIC, returning a byte array.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public byte[] GetBytes(  
    string characters  
)
```

C++

```
public:  
array<unsigned char>^ GetBytes(  
    String^ characters  
)
```

F#

```
member GetBytes :  
    characters:string -> byte[]
```

VB

```
Public Function GetBytes (  
    characters As String  
) As Byte()
```

## Parameters

*characters*

Type: [System.String](#)

## Return Value

Type: [System.Byte](#)

A byte array.

See Also

[EBCDICEncoding Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# EBCDICEncoding.GetBytes Method (String)

Converts a Unicode string to EBCDIC, returning a byte array.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetBytes ( _
    characters As String _
) As Byte()
```

C#

```
public byte[] GetBytes (
    string characters
)
```

C++

```
public:
array<unsigned char>^ GetBytes (
    String^ characters
)
```

J#

```
public byte[] GetBytes (
    String characters
)
```

JScript

```
public function GetBytes (
    characters : String
) : byte[]
```

## Parameters

characters

## Return Value

A byte array.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.GetBytes Method (String, Int32, Int32, Byte[], Int32)

Gets the bytes of the specified characters.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Replaced by the overload with one Parameter")> _
Public Function GetBytes ( _
    characters As String, _
    characterIndex As Integer, _
    characterCount As Integer, _
    bytes As Byte(), _
    byteIndex As Integer _
) As Integer
```

C#

```
[ObsoleteAttribute("Replaced by the overload with one Parameter")]
public int GetBytes (
    string characters,
    int characterIndex,
    int characterCount,
    byte[] bytes,
    int byteIndex
)
```

C++

```
[ObsoleteAttribute(L"Replaced by the overload with one Parameter")]
public:
int GetBytes (
    String^ characters,
    int characterIndex,
    int characterCount,
    array<unsigned char>^ bytes,
    int byteIndex
)
```

J#

```
/** @attribute ObsoleteAttribute("Replaced by the overload with one Parameter") */
public int GetBytes (
    String characters,
    int characterIndex,
    int characterCount,
    byte[] bytes,
    int byteIndex
)
```

JScript

```
ObsoleteAttribute("Replaced by the overload with one Parameter")
public function GetBytes (
    characters : String,
    characterIndex : int,
    characterCount : int,
    bytes : byte[],
```

```
byteIndex : int  
) : int
```

#### Parameters

characters

The characters to retrieve the byte number of.

characterIndex

The character index.

characterCount

The character count.

bytes

The bytes.

byteIndex

The byte index.

#### Return Value

The number of bytes in the specified byte array.

Remarks

This method is obsolete.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

See Also

#### Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# EBCDICEncoding.GetCodePage Method

Returns the code page of the current object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function GetCodePage As Integer
```

C#

```
public int GetCodePage ()
```

C++

```
public:  
int GetCodePage ()
```

J#

```
public int GetCodePage ()
```

JScript

```
public function GetCodePage () : int
```

## Return Value

The code page of the current object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.GetString Method (Byte[])

Gets the string described in the specified array.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public string GetString(  
    byte[] ebcDicValue  
)
```

C++

```
public:  
String^ GetString(  
    array<unsigned char>^ ebcDicValue  
)
```

F#

```
member GetString :  
    ebcDicValue:byte[] -> string
```

VB

```
Public Function GetString (  
    ebcDicValue As Byte()  
) As String
```

## Parameters

*ebcDicValue*

Type: [System.Byte](#)

## Return Value

Type: [System.String](#)

The string described in the specified array.

See Also

[EBCDICEncoding Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# EBCDICEncoding.GetString Method (Byte[])

Gets the string described in the specified array.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetString ( _
    ebcdicValue As Byte() _
) As String
```

C#

```
public string GetString (
    byte[] ebcdicValue
)
```

C++

```
public:
String^ GetString (
    array<unsigned char>^ ebcdicValue
)
```

J#

```
public String GetString (
    byte[] ebcdicValue
)
```

JScript

```
public function GetString (
    ebcdicValue : byte[]
) : String
```

## Parameters

ebcdicValue

## Return Value

The string described in the specified array.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.GetString Method (Byte[], Int32, Int32)

Gets the string described in the specified array. Obsolete.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Replaced by the overload with one Parameter")> _
Public Function GetString ( _
    bytes As Byte(), _
    index As Integer, _
    count As Integer _
) As String
```

C#

```
[ObsoleteAttribute("Replaced by the overload with one Parameter")]
public string GetString (
    byte[] bytes,
    int index,
    int count
)
```

C++

```
[ObsoleteAttribute(L"Replaced by the overload with one Parameter")]
public:
String^ GetString (
    array<unsigned char>^ bytes,
    int index,
    int count
)
```

J#

```
/** @attribute ObsoleteAttribute("Replaced by the overload with one Parameter") */
public String GetString (
    byte[] bytes,
    int index,
    int count
)
```

JScript

```
ObsoleteAttribute("Replaced by the overload with one Parameter")
public function GetString (
    bytes : byte[],
    index : int,
    count : int
) : String
```

## Parameters

bytes

The bytes to translate.

index

The byte index of the string.

count

The number of bytes in the specified byte array.

#### **Return Value**

The string described in *bytes*.

Remarks

This method is obsolete.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.SetCodePage Method

Sets the code page of the current object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SetCodePage ( _
    codePage As Integer _
)
```

C#

```
public void SetCodePage (
    int codePage
)
```

C++

```
public:
void SetCodePage (
    int codePage
)
```

J#

```
public void SetCodePage (
    int codePage
)
```

JScript

```
public function SetCodePage (
    codePage : int
)
```

## Parameters

codePage

The code page to set the current object to.

Remarks

Used in GetBytes and GetString to perform the conversions.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# EBCDICEncoding.ValidateCodePage Method

Validates the specified code page.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub ValidateCodePage ( _
    codePage As Integer _
)
```

C#

```
public static void ValidateCodePage (
    int codePage
)
```

C++

```
public:
static void ValidateCodePage (
    int codePage
)
```

J#

```
public static void ValidateCodePage (
    int codePage
)
```

JScript

```
public static function ValidateCodePage (
    codePage : int
)
```

## Parameters

codePage

The code page to validate.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[EBCDICEncoding Class](#)

[EBCDICEncoding Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader Class

Represents a single function management header.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy[System.Object](#)

**Microsoft.HostIntegration.SNA.Session.FunctionManagementHeader**

Syntax

C#

```
public class FunctionManagementHeader
```

C++

```
public ref class FunctionManagementHeader
```


F#

```
type FunctionManagementHeader = class end
```



VB

```
Public Class FunctionManagementHeader
```







Constructors

	Name	Description
	<a href="#">FunctionManagementHeader()</a>	Creates a new instance of the <b>FunctionManagementHeader</b> class.


Properties

	Name	Description
	<a href="#">Data</a>	Gets or sets the data portion of the data stream.
	<a href="#">FMHType</a>	Gets or sets a value that describes the type of function management header in the current instance.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Fields

	Name	Description
	<a href="#">ConcatenationBit</a>	Used to get/set the ContatenationBit.

Remarks

FunctionManagementHeader fields can be used to get or set the concatenation bit.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.



See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# FunctionManagementHeader Members

Represents a single function management header.


The following tables list the members exposed by the [FunctionManagementHeader](#) type.

## Public Constructors

Name	Description
<a href="#">FunctionManagementHeader</a>	Creates a new instance of the <a href="#">FunctionManagementHeader</a> class.



[Top](#)

## Public Fields

Name	Description
 <a href="#">ConcatenationBit</a>	Used to get/set the ContatenationBit.






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## Public Properties

Name	Description
 <a href="#">Data</a>	Gets or sets the data portion of the data stream.
 <a href="#">FMHType</a>	Gets or sets a value that describes the type of function management header in the current instance.



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also


## Reference

[FunctionManagementHeader Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader Fields

Public Fields

	Name	Description
	<a href="#">ConcatenationBit</a>	Used to get/set the ContatenationBit.

See Also

**Reference**

- [FunctionManagementHeader Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader.ConcatenationBit Field

Used to get/set the ContatenationBit.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public const byte ConcatenationBit
```

C++

```
public:  
literal unsigned char ConcatenationBit
```

F#

```
static val mutable ConcatenationBit : byte
```

VB

```
Public Const ConcatenationBit As Byte
```

**Field Value**

Type: [System.Byte](#)

See Also

[FunctionManagementHeader Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# FunctionManagementHeader Constructor

Creates a new instance of the [FunctionManagementHeader](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public FunctionManagementHeader ()
```

C++

```
public:  
FunctionManagementHeader ()
```

J#

```
public FunctionManagementHeader ()
```

JScript

```
public function FunctionManagementHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[FunctionManagementHeader Class](#)

[FunctionManagementHeader Members](#)




[Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )



See Also

**Reference**

- [FunctionManagementHeader Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader Properties

Public Properties

	Name	Description
	<a href="#">Data</a>	Gets or sets the data portion of the data stream.
	<a href="#">FMHType</a>	Gets or sets a value that describes the type of function management header in the current instance.

See Also

Reference

- [FunctionManagementHeader Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeader.Data Property

Gets or sets the data portion of the data stream.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Data As Byte()
```

C#

```
public byte[] Data { get; set; }
```

C++

```
public:
property array<unsigned char>^ Data {
    array<unsigned char>^ get ();
    void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_Data ()

/** @property */
public void set_Data (byte[] value)
```

JScript

```
public function get Data () : byte[]

public function set Data (value : byte[])
```

## Property Value

The data portion of the data stream.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FunctionManagementHeader Class](#)

[FunctionManagementHeader Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# FunctionManagementHeader.FMHType Property

Gets or sets a value that describes the type of function management header in the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property FMHType As FunctionManagementHeaderType
```

C#

```
public FunctionManagementHeaderType FMHType { get; set; }
```

C++

```
public:
property FunctionManagementHeaderType FMHType {
    FunctionManagementHeaderType get ();
    void set (FunctionManagementHeaderType value);
}
```

J#

```
/** @property */
public FunctionManagementHeaderType get_FMHType ()

/** @property */
public void set_FMHType (FunctionManagementHeaderType value)
```

JScript

```
public function get FMHType () : FunctionManagementHeaderType

public function set FMHType (value : FunctionManagementHeaderType)
```

## Property Value

The type of function management header contained in FunctionManagementHeader.Data.

Remarks

The value will be checked against the FunctionManagementHeaderType enumeration.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[FunctionManagementHeader Class](#)

[FunctionManagementHeader Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# FunctionManagementHeaderType Enumeration

Describes the type of function management header (FMH) associated with a given set of data.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum FunctionManagementHeaderType
```

C++

```
public enum class FunctionManagementHeaderType
```

F#

```
type FunctionManagementHeaderType
```

VB

```
Public Enumeration FunctionManagementHeaderType
```

Members

Member name	Description
<b>FMH0</b>	Function Management Header type 0.
<b>FMH1</b>	Function Management Header type 1. Selects a destination with a logical unit (LU).
<b>FMH2</b>	Function Management Header type 2. Used after an FMH1 to handle data management tasks for the destination.
<b>FMH3</b>	Function Management Header type 3. Handles LU-LU session data management tasks that are common to all destinations.
<b>FMH4</b>	Function Management Header type 4. Carries information about the logical block command contained within a logical message for the Logical Message Service.
<b>FMH61</b>	Function Management Header type 6.1
<b>FMH62</b>	Function Management Header type 6.2.
<b>FMH7</b>	Function Management Header type 7.

Remarks  
61/62/7 are related to APPC, and are not expected to be used in the LU0 programming of SI. The are included for completeness.

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# FunctionManagementProfile Enumeration

Represents the function management profiles supported by Session Integrator.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

```
C#  
  
public enum FunctionManagementProfile
```

```
C++  
  
public enum class FunctionManagementProfile
```

```
F#  
  
type FunctionManagementProfile
```

```
VB  
  
Public Enumeration FunctionManagementProfile
```

Members

Member name	Description
Profile18	FM Profile 18
Profile2	FM Profile 2
Profile3	FM Profile 3
Profile4	FM Profile 4
Profile7	FM Profile 7
ProfileNotInitialized	Profile not initialized

Remarks

For more information on the FM Profile formats, see the SNA Formats Guide.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# HostConverter Class

Provides a wrapper for the string conversion methods in the EBCDICEncoding class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.SNA.Session.HostConverter**

Syntax  
C#

```
public sealed class HostConverter
```

C++

```
public ref class HostConverter sealed
```


F#

```
[<Sealed>]  
type HostConverter = class end
```


VB

```
Public NotInheritable Class HostConverter
```







Constructors

	Name	Description
	<a href="#">HostConverter()</a>	Creates a new instance of the <b>HostConverter</b> class.

Properties

	Name	Description
	<a href="#">CodePage</a>	Sets the code page to convert to.

Methods

	Name	Description
	<a href="#">ConvertEbcDicToUnicode(Byte[])</a>	Converts the specified EBCDIC string to Unicode.
	<a href="#">ConvertUnicodeToEbcDic(String)</a>	Converts the specified Unicode string to EBCDIC.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Remarks

This class replaces the HostStringConverter class, which has been deprecated. The HostConverter conversion routines are no longer static, which was a problem with HostStringConverter because all threads shared one code page.

Null in output strings are converted to blanks.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# HostConverter Members

Provides a wrapper for the string conversion methods in the EBCDICEncoding class.


The following tables list the members exposed by the [HostConverter](#) type.

Public Constructors

Name	Description
<a href="#">HostConverter</a>	Creates a new instance of the <a href="#">HostConverter</a> class.









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Public Properties

Name	Description
 <a href="#">CodePage</a>	Sets the code page to convert to.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ConvertEbcDicToUnicode</a>	Converts the specified EBCDIC string to Unicode.
	<a href="#">ConvertUnicodeToEbcDic</a>	Converts the specified Unicode string to EBCDIC.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

Reference

[HostConverter Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostConverter Constructor

Creates a new instance of the [HostConverter](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public HostConverter ()
```

C++

```
public:  
HostConverter ()
```

J#

```
public HostConverter ()
```

JScript

```
public function HostConverter ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**









[HostConverter Class](#)

[HostConverter Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostConverter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ConvertEbcDicToUnicode</a>	Converts the specified EBCDIC string to Unicode.
	<a href="#">ConvertUnicodeToEbcDic</a>	Converts the specified Unicode string to EBCDIC.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [HostConverter Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)



# HostConverter.ConvertEbcDicToUnicode Method

Converts the specified EBCDIC string to Unicode.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ConvertEbcDicToUnicode ( _
    ebcDicData As Byte() _
) As String
```

C#

```
public string ConvertEbcDicToUnicode (
    byte[] ebcDicData
)
```

C++

```
public:
String^ ConvertEbcDicToUnicode (
    array<unsigned char>^ ebcDicData
)
```

J#

```
public String ConvertEbcDicToUnicode (
    byte[] ebcDicData
)
```

JScript

```
public function ConvertEbcDicToUnicode (
    ebcDicData : byte[]
) : String
```

## Parameters

ebcDicData

The string to convert.

## Return Value

The converted EBCDIC string

Remarks

Nulls in the output strings are replaced by blanks.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostConverter Class](#)

[HostConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# HostConverter.ConvertUnicodeToEbcdic Method

Converts the specified Unicode string to EBCDIC.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ConvertUnicodeToEbcdic ( _
    asciiText As String _
) As Byte()
```

C#

```
public byte[] ConvertUnicodeToEbcdic (
    string asciiText
)
```

C++

```
public:
array<unsigned char>^ ConvertUnicodeToEbcdic (
    String^ asciiText
)
```

J#

```
public byte[] ConvertUnicodeToEbcdic (
    String asciiText
)
```

JScript

```
public function ConvertUnicodeToEbcdic (
    asciiText : String
) : byte[]
```

## Parameters

asciiText

The string to convert.

## Return Value

The converted Unicode string.

Remarks

Nulls in the output strings are replaced by blanks.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostConverter Class](#)


[HostConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# HostConverter Properties

Public Properties

	Name	Description
	<a href="#">CodePage</a>	Sets the code page to convert to.

See Also

Reference

- [HostConverter Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostConverter.CodePage Property

Sets the code page to convert to.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodePage As Integer
```

C#

```
public int CodePage { get; set; }
```

C++

```
public:
property int CodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_CodePage ()

/** @property */
public void set_CodePage (int value)
```

JScript

```
public function get CodePage () : int

public function set CodePage (value : int)
```

## Property Value

The code page to convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostConverter Class](#)

[HostConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostStringConverter Class

Converts a string between EBCDIC to Unicode, using the specified code page.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
<ObsoleteAttribute("Replaced by HostConverter")> _
Public NotInheritable Class HostStringConverter
```

C#

```
[ObsoleteAttribute("Replaced by HostConverter")]
public sealed class HostStringConverter
```

C++

```
[ObsoleteAttribute(L"Replaced by HostConverter")]
public ref class HostStringConverter sealed
```

J#

```
/** @attribute ObsoleteAttribute("Replaced by HostConverter") */
public final class HostStringConverter
```

JScript

```
ObsoleteAttribute("Replaced by HostConverter")
public final class HostStringConverter
```

Remarks

This class is deprecated. Use the [HostConverter](#) class instead.

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.HostStringConverter**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostStringConverter Members](#)


[Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostStringConverter Members

Converts a string between EBCDIC to Unicode, using the specified code page. **Obsolete.**








The following tables list the members exposed by the [HostStringConverter](#) type.

Public Properties

	Name	Description
	<a href="#">CodePage</a>	Sets the code page to convert to.



[Top](#)

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ConvertEbcDicToUnicode</a>	Converts the specified EBCDIC string to Unicode.
	<a href="#">ConvertUnicodeToEbcDic</a>	Converts the specified Unicode string to EBCDIC.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also








Reference

- [HostStringConverter Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)





# HostStringConverter Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ConvertEbcDicToUnicode</a>	Converts the specified EBCDIC string to Unicode.
	<a href="#">ConvertUnicodeToEbcDic</a>	Converts the specified Unicode string to EBCDIC.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [HostStringConverter Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostStringConverter.ConvertEbcDicToUnicode Method

Converts the specified EBCDIC string to Unicode.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ConvertEbcDicToUnicode ( _
    ebcDicData As Byte() _
) As String
```

C#

```
public static string ConvertEbcDicToUnicode (
    byte[] ebcDicData
)
```

C++

```
public:
static String^ ConvertEbcDicToUnicode (
    array<unsigned char>^ ebcDicData
)
```

J#

```
public static String ConvertEbcDicToUnicode (
    byte[] ebcDicData
)
```

JScript

```
public static function ConvertEbcDicToUnicode (
    ebcDicData : byte[]
) : String
```

## Parameters

ebcDicData

The string to convert.

## Return Value

The specified string in EBCDIC.

Remarks

This class is deprecated. Use the [HostConverter](#) class instead.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostStringConverter Class](#)

[HostStringConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# HostStringConverter.ConvertUnicodeToEbcdic Method

Converts the specified Unicode string to EBCDIC.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function ConvertUnicodeToEbcdic ( _
    asciiText As String _
) As Byte()
```

C#

```
public static byte[] ConvertUnicodeToEbcdic (
    string asciiText
)
```

C++

```
public:
static array<unsigned char>^ ConvertUnicodeToEbcdic (
    String^ asciiText
)
```

J#

```
public static byte[] ConvertUnicodeToEbcdic (
    String asciiText
)
```

JScript

```
public static function ConvertUnicodeToEbcdic (
    asciiText : String
) : byte[]
```

## Parameters

asciiText

The string to convert.

## Return Value

The specified string, in EBCDIC.

Remarks

This class is deprecated. Use the [HostConverter](#) class instead.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[HostStringConverter Class](#)



[HostStringConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# HostStringConverter Properties

Public Properties

	Name	Description
	 <a href="#">CodePage</a>	Sets the code page to convert to.

See Also

Reference

[HostStringConverter Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# HostStringConverter.CodePage Property

Sets the code page to convert to.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Property CodePage As Integer
```

C#

```
public static int CodePage { get; set; }
```

C++

```
public:
static property int CodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public static int get_CodePage ()

/** @property */
public static void set_CodePage (int value)
```

JScript

```
public static function get CodePage () : int

public static function set CodePage (value : int)
```

Remarks

This class is deprecated. Use the [HostConverter](#) class instead.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[HostStringConverter Class](#)

[HostStringConverter Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor Class

Provides access to the cursor on the terminal screen.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.SNA.Session.ScreenCursor**

Syntax  
C#

```
public class ScreenCursor
```

C++

```
public ref class ScreenCursor
```



F#

```
type ScreenCursor = class end
```







VB

```
Public Class ScreenCursor
```

Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the cursor column position.
	<a href="#">Row</a>	Gets or sets the cursor row position.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	Translates the current instance to a string.(Overrides <a href="#">Object.ToString()</a> .)

Remarks

ScreenCursor is a reference to the actual terminal cursor, and is always associated with the cursor. Changes to the row and column values will show up in ScreenCursor, regardless of which screen the cursor is pointing to.

The only way to retrieve an instance of ScreenCursor is to request an instance from the Screen.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)  
[Return to top](#)





# ScreenCursor Members

Provides access to the cursor on the terminal screen.







The following tables list the members exposed by the [ScreenCursor](#) type.

## Public Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the cursor column position.
	<a href="#">Row</a>	Gets or sets the cursor row position.



[Top](#)

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

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## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also







## Reference

[ScreenCursor Class](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[ScreenCursor Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor.ToString Method

Translates the current instance to a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance as a string value.

Remarks

The output has the form: Cursor Row:<row>, Cursor Column:<column> where row/column are the numerical values.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[ScreenCursor Class](#)

[ScreenCursor Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor Properties

## Public Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the cursor column position.
	<a href="#">Row</a>	Gets or sets the cursor row position.

See Also

### Reference

[ScreenCursor Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor.Column Property

Gets or sets the cursor column position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Column As Short
```

C#

```
public short Column { get; set; }
```

C++

```
public:
property short Column {
    short get ();
    void set (short value);
}
```

J#

```
/** @property */
public short get_Column ()

/** @property */
public void set_Column (short value)
```

JScript

```
public function get Column () : short

public function set Column (value : short)
```

## Property Value

The cursor column position.

Remarks

An exception will be thrown if you try to set the Column value outside the current screen size.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenCursor Class](#)

[ScreenCursor Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenCursor.Row Property

Gets or sets the cursor row position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Row As Short
```

C#

```
public short Row { get; set; }
```

C++

```
public:
property short Row {
    short get ();
    void set (short value);
}
```

J#

```
/** @property */
public short get_Row ()

/** @property */
public void set_Row (short value)
```

JScript

```
public function get Row () : short

public function set Row (value : short)
```

## Property Value

The cursor row position.

Remarks

An exception will be thrown if you try to set the Row value outside the current screen size.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenCursor Class](#)

[ScreenCursor Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData Class

Grants access to a specified area of the raw 3270 data representation.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenData**

Syntax

C#

```
[SerializableAttribute]
public class ScreenData : ISerializable
```

C++

```
[SerializableAttribute]
public ref class ScreenData : ISerializable
```

F#

```
[<SerializableAttribute>]
type ScreenData =
    class
        interface ISerializable
    end
```








VB

```
<SerializableAttribute>
Public Class ScreenData
    Implements ISerializable
```



Constructors






	Name	Description
	<a href="#">ScreenData(SerializationInfo, StreamingContext)</a>	

Properties

	Name	Description
	<a href="#">Column</a>	Gets the column where the data begins.
	<a href="#">Data</a>	Gets or sets the raw screen data bytes.
	<a href="#">ExtendedAttributes</a>	Gets the 3270 extended attribute information about the screen.
	<a href="#">Length</a>	Gets the length in bytes of the data.
	<a href="#">Position</a>	Gets the position of the start of the data.
	<a href="#">Row</a>	Gets the row where the data starts.
	<a href="#">SpecialAttributes</a>	Gets all of the special attributes for all of the fields and character positions corresponding to the bytes in the Data property.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)

 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetObjectData(SerializationInfo, StreamingContext)	
 GetType()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 ToString()	Translates the screen data to a string.(Overrides <a href="#">Object.ToString()</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenData Members

Grants access to a specified area of the raw 3270 data representation.







The following tables list the members exposed by the [ScreenData](#) type.

## Public Properties

	Name	Description
	<a href="#">Column</a>	Gets the column where the data begins.
	<a href="#">Data</a>	Gets or sets the raw screen data bytes.
	<a href="#">ExtendedAttributes</a>	Gets the 3270 extended attribute information about the screen.
	<a href="#">Length</a>	Gets the length in bytes of the data.
	<a href="#">Position</a>	Gets the position of the start of the data.
	<a href="#">Row</a>	Gets the row where the data starts.
	<a href="#">SpecialAttributes</a>	Gets all of the special attributes for all of the fields and character positions corresponding to the bytes in the Data property.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the screen data to a string.

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## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also







## Reference

[ScreenData Class](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the screen data to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

[ScreenData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.ToString Method

Translates the screen data to a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

A string containing the string data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData Properties

Public Properties

	Name	Description
	<a href="#">Column</a>	Gets the column where the data begins.
	<a href="#">Data</a>	Gets or sets the raw screen data bytes.
	<a href="#">ExtendedAttributes</a>	Gets the 3270 extended attribute information about the screen.
	<a href="#">Length</a>	Gets the length in bytes of the data.
	<a href="#">Position</a>	Gets the position of the start of the data.
	<a href="#">Row</a>	Gets the row where the data starts.
	<a href="#">SpecialAttributes</a>	Gets all of the special attributes for all of the fields and character positions corresponding to the bytes in the Data property.

See Also

Reference

[ScreenData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.Column Property

Gets the column where the data begins.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Column As Short
```

C#

```
public short Column { get; }
```

C++

```
public:  
property short Column {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Column ()
```

JScript

```
public function get Column () : short
```

## Property Value

The column where the data begins.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.Data Property

Gets or sets the raw screen data bytes.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Data As Byte()
```

C#

```
public byte[] Data { get; set; }
```

C++

```
public:
property array<unsigned char>^ Data {
    array<unsigned char>^ get ();
    void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_Data ()

/** @property */
public void set_Data (byte[] value)
```

JScript

```
public function get Data () : byte[]

public function set Data (value : byte[])
```

## Property Value

The data retrieved is not translated from the Host Code Page to Unicode.

The screen may change between the times that you get Data and when you set Data. If the screen has changed during this interval, an exception will be thrown when you attempt to set Data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.ExtendedAttributes Property

Gets the 3270 extended attribute information about the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ExtendedAttributes As Byte()
```

C#

```
public byte[] ExtendedAttributes { get; }
```

C++

```
public:
property array<unsigned char>^ ExtendedAttributes {
    array<unsigned char>^ get ();
}
```

J#

```
/** @property */
public byte[] get_ExtendedAttributes ()
```

JScript

```
public function get ExtendedAttributes () : byte[]
```

## Property Value

The COM3270 extended attribute information about the screen.

Remarks

ExtendedAttributes contains all of the extended attributes for all of the fields and each character position individually corresponding to the bytes in Data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.Length Property

Gets the length in bytes of the data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Length As Short
```

C#

```
public short Length { get; }
```

C++

```
public:
property short Length {
    short get ();
}
```

J#

```
/** @property */
public short get_Length ()
```

JScript

```
public function get Length () : short
```

## Property Value

The length in bytes of the data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenData.Position Property

Gets the position of the start of the data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Position As ScreenPosition
```

C#

```
public ScreenPosition Position { get; }
```

C++

```
public:  
property ScreenPosition^ Position {  
    ScreenPosition^ get ();  
}
```

J#

```
/** @property */  
public ScreenPosition get_Position ()
```

JScript

```
public function get Position () : ScreenPosition
```

## Property Value

The position of the start of the data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.Row Property

Gets the row where the data starts.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Row As Short
```

C#

```
public short Row { get; }
```

C++

```
public:
property short Row {
    short get ();
}
```

J#

```
/** @property */
public short get_Row ()
```

JScript

```
public function get Row () : short
```

## Property Value

The row where the data starts.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenData.SpecialAttributes Property

Gets all of the special attributes for all of the fields and character positions corresponding to the bytes in the Data property.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property SpecialAttributes As Short()
```

C#

```
public short[] SpecialAttributes { get; }
```

C++

```
public:
property array<short>^ SpecialAttributes {
    array<short>^ get ();
}
```

J#

```
/** @property */
public short[] get_SpecialAttributes ()
```

JScript

```
public function get SpecialAttributes () : short[]
```

## Property Value

The special attributes of the fields and character positions corresponding to the bytes in Data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenData Class](#)

[ScreenData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField Class

Grants access to a particular area of the LU2 screen, including the data and attributes.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenField**

Syntax

C#

```
public class ScreenField
```

C++

```
public ref class ScreenField
```





F#

```
type ScreenField = class end
```











VB





```
Public Class ScreenField
```

Constructors

Name	Description
 <a href="#">ScreenField(Int16, Int16)</a>	Creates a new instance of the ScreenField class, using the specified row and column position.
 <a href="#">ScreenField(ScreenPosition)</a>	Creates a new instance of the ScreenField class, using the specified field position.
 <a href="#">ScreenField(String, Int16, Int16)</a>	Creates a new instance of the ScreenField class, using the specified data string, row position, and column position.
 <a href="#">ScreenField(String, ScreenPosition)</a>	Creates a new instance of the ScreenField class, using the specified data string and field position.

Properties









Name	Description
 <a href="#">Attributes</a>	Gets the attribute information of the field.
 <a href="#">Column</a>	Gets a 1-based column value that describes the field starts.
 <a href="#">Data</a>	Gets or sets the screen data characters contained in the field.
 <a href="#">IsSnapshot</a>	Gets whether the screen field is a snapshot.
 <a href="#">IsValid</a>	Gets whether the screen field is valid.
 <a href="#">Item(Int16)</a>	Describes an item from a screen field.
 <a href="#">Item(Int16, Int16)</a>	Describes an item from a screen field.
 <a href="#">Length</a>	Gets the length of the field.
 <a href="#">Next</a>	Gets the next field.
 <a href="#">Position</a>	Gets the current screen position.



 Previous	Gets the previous field.
 Row	Gets the row of the current field.
 Screen	Retrieves the screen.
 Snapshot	Retrieves a snapshot of the current screen field.

#### Methods

	Name	Description
	Add(Int32)	Starts the cursor on the specified field and moves forward the specified number of fields.
	Compare(ScreenField, ScreenField)	Compares two specified ScreenField objects and returns an integer that indicates their relationship to one another in the sort order.
	CompareTo(ScreenField)	Compares this instance with a specified ScreenField and returns an integer that indicates whether this instance precedes, follows, or appears in the same position in the sort order as the specified ScreenField.
	Decrement()	Starts the cursor on the specified field and moves back one.
	Equals(Object)	Determines if the current instance is equal to the specified object.(Overrides <a href="#">Object.Equals(Object).</a> )
	Equals(ScreenField)	Determines if the current instance is equal to the specified object.
	Equals(ScreenField, ScreenField)	Determines if the current instance is equal to the specified object with specified sides.
	Finalize()	(Inherited from <a href="#">Object.</a> )
	GetHashCode()	Retrieves the hash code for the current instance.(Overrides <a href="#">Object.GetHashCode().</a> )
	GetType()	(Inherited from <a href="#">Object.</a> )
	Increment()	Starts the cursor on the specified field and moves forward by one.
	MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
	Subtract(Int32)	Starts the cursor on the specified field and moves back the specified number of fields.
	ToString()	Translates the current instance to a string.(Overrides <a href="#">Object.ToString().</a> )

#### Operators

	Name	Description
	Addition(ScreenField, Int32)	Starts the cursor at the specified field and moves forward the specified number.
	Decrement(ScreenField)	Starts the cursor on the specified field and moves back one.
	Equality(ScreenField, ScreenField)	Determines if the specified fields are equal.
	GreaterThan(ScreenField, ScreenField)	Determines if the first specified field is greater than the second specified field.
	GreaterThanOrEqual(ScreenField, ScreenField)	Determines if the first specified field is greater than or equal to the second field.
	Increment(ScreenField)	Starts the cursor on the specified field and moves forward by one.
	Inequality(ScreenField, ScreenField)	Determines if the specified fields are unequal.
	LessThan(ScreenField, ScreenField)	Determines if the first specified field is less than the second field.

	<a href="#">LessThanOrEqual(ScreenField, ScreenField)</a>	Determines if the first specified field is less than or equal to the second field.
	<a href="#">Subtraction(ScreenField, Int32)</a>	Starts the cursor on the specified field and moves back the specified number of fields.

#### Remarks

The constructors create partial fields which are detached from a screen, thus they are never valid. They are used in searching or waiting, as they define the position and content of partial fields that are found on an actual screen.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenField Members

Grants access to a particular area of the LU2 screen, including the data and attributes.














The following tables list the members exposed by the [ScreenField](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenField</a>	Overloaded. Creates a new instance of the ScreenField class.






















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## Public Properties

Name	Description
 <a href="#">Attributes</a>	Gets the attribute information of the field.
 <a href="#">Column</a>	Gets a 1-based column value that describes the field starts.
 <a href="#">Data</a>	Gets or sets the screen data characters contained in the field.
 <a href="#">IsSnapshot</a>	Gets whether the screen field is a snapshot.
 <a href="#">IsValid</a>	Gets whether the screen field is valid.
 <a href="#">Item</a>	Overloaded. Describes an item from a screen field.
 <a href="#">Length</a>	Gets the length of the field.
 <a href="#">Next</a>	Gets the next field.
 <a href="#">Position</a>	Gets the current screen position.
 <a href="#">Previous</a>	Gets the previous field.
 <a href="#">Row</a>	Gets the row of the current field.
 <a href="#">Screen</a>	Retrieves the screen.
 <a href="#">Snapshot</a>	Retrieves a snapshot of the current screen field.

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Add</a>	Starts the cursor on the specified field and moves forward the specified number of fields.
 <a href="#">Compare</a>	Compares two specified ScreenField objects and returns an integer that indicates their relationship to one another in the sort order.
 <a href="#">CompareTo</a>	Compares this instance with a specified ScreenField and returns an integer that indicates whether this instance precedes, follows, or appears in the same position in the sort order as the specified ScreenField.
 <a href="#">Decrement</a>	Starts the cursor on the specified field and moves back one.
 <a href="#">Equals</a>	Overloaded. Overridden. Determines if the current instance is equal to the specified object.
 <a href="#">GetHashCode</a>	Overridden. Retrieves the hash code for the current instance.
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Increment</a>	Starts the cursor on the specified field and moves forward by one.
 <a href="#">op_Addition</a>	Starts the cursor at the specified field and moves forward the specified number.
 <a href="#">op_Decrement</a>	Starts the cursor on the specified field and moves back one.
 <a href="#">op_Equality</a>	Determines if the specified fields are equal.
 <a href="#">op_GreaterThan</a>	Determines if the first specified field is greater than the second specified field.
 <a href="#">op_GreaterThanOrEqual</a>	Determines if the first specified field is greater than or equal to the second field.
 <a href="#">op_Increment</a>	Starts the cursor on the specified field and moves forward by one.
 <a href="#">op_Inequality</a>	Determines if the specified fields are unequal.
 <a href="#">op_LessThan</a>	Determines if the first specified field is less than the second field.
 <a href="#">op_LessThanOrEqual</a>	Determines if the first specified field is less than or equal to the second field.
 <a href="#">op_Subtraction</a>	Starts the cursor on the specified field and moves back the specified number of fields.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Subtract</a>	Starts the cursor on the specified field and moves back the specified number of fields.
 <a href="#">ToString</a>	Overridden. Translates the current instance to a string.

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## Protected Methods

Name	Description
------	-------------

	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

**Reference**

[ScreenField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)







# ScreenField Constructor

Creates a new instance of the ScreenField class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

### Overload List

Name	Description
 <a href="#">ScreenField(Int16, Int16)</a>	Creates a new instance of the ScreenField class, using the specified row and column position.
 <a href="#">ScreenField(ScreenPosition)</a>	Creates a new instance of the ScreenField class, using the specified field position.
 <a href="#">ScreenField(String, Int16, Int16)</a>	Creates a new instance of the ScreenField class, using the specified data string, row position, and column position.
 <a href="#">ScreenField(String, ScreenPosition)</a>	Creates a new instance of the ScreenField class, using the specified data string and field position.

See Also  
[ScreenField Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)  
**ScreenField Constructor (Int16, Int16)**  
Creates a new instance of the ScreenField class, using the specified row and column position.

### Syntax

```
C#  
  
public ScreenField(  
    short row,  
    short column  
)
```

```
C++  
  
public:  
ScreenField(  
    short row,  
    short column  
)
```

```
F#  
  
new :  
    row:int16 *  
    column:int16 -> ScreenField
```

```
VB  
  
Public Sub New (  
    row As Short,  
    column As Short  
)
```

**Parameters**  
*row*  
Type: [System.Int16](#)  
A 1-based value describing where the row starts.  
  
*column*

Type: [System.Int16](#)

A 1-based value describing where the column starts.

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#### ScreenField Constructor (ScreenPosition)

Creates a new instance of the ScreenField class, using the specified field position.

Syntax

C#

```
public ScreenField(  
    ScreenPosition position  
)
```

C++

```
public:  
ScreenField(  
    ScreenPosition^ position  
)
```

F#

```
new :  
    position:ScreenPosition -> ScreenField
```

VB

```
Public Sub New (  
    position As ScreenPosition  
)
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the start of the field.

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#### ScreenField Constructor (String, Int16, Int16)

Creates a new instance of the ScreenField class, using the specified data string, row position, and column position.

Syntax

C#

```
public ScreenField(  
    string data,  
    short row,  
    short column  
)
```

C++

```
public:  
ScreenField(  
    String^ data,  
    short row,  
    short column  
)
```

F#

```
new :  
    data:string *  
    row:int16 *  
    column:int16 -> ScreenField
```

VB

```
Public Sub New (  
    data As String,  
    row As Short,  
    column As Short  
)
```

#### Parameters

*data*

Type: [System.String](#)

A string of text used in the Data portion of the screen field.

*row*

Type: [System.Int16](#)

A 1-based value describing where the row starts.

*column*

Type: [System.Int16](#)

A 1-based value describing where the column starts.

[Return to top](#)

#### ScreenField Constructor (String, ScreenPosition)

Creates a new instance of the ScreenField class, using the specified data string and field position.

Syntax

C#

```
public ScreenField(  
    string data,  
    ScreenPosition position  
)
```

C++

```
public:  
ScreenField(  
    String^ data,  
    ScreenPosition^ position  
)
```

F#

```
new :  
    data:string *  
    position:ScreenPosition -> ScreenField
```

VB

```
Public Sub New (  
    data As String,  
    position As ScreenPosition  
)
```

#### Parameters

*data*

Type: [System.String](#)

A string of text used in the Data portion of the screen field.

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the start of the field.

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# ScreenField Constructor (ScreenPosition)

Creates a new instance of the ScreenField class, using the specified field position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    position As ScreenPosition _
)
```

C#

```
public ScreenField (
    ScreenPosition position
)
```

C++

```
public:
    ScreenField (
        ScreenPosition^ position
    )
```

J#

```
public ScreenField (
    ScreenPosition position
)
```

JScript

```
public function ScreenField (
    position : ScreenPosition
)
```

## Parameters

position

The position of the start of the field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField Constructor (Int16, Int16)

Creates a new instance of the ScreenField class, using the specified row and column position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    row As Short, _
    column As Short _
)
```

C#

```
public ScreenField (
    short row,
    short column
)
```

C++

```
public:
ScreenField (
    short row,
    short column
)
```

J#

```
public ScreenField (
    short row,
    short column
)
```

JScript

```
public function ScreenField (
    row : short,
    column : short
)
```

## Parameters

row

A 1-based value describing where the row starts.

column

A 1-based value describing where the column starts.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField Constructor (String, ScreenPosition)

Creates a new instance of the ScreenField class, using the specified data string and field position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    data As String, _
    position As ScreenPosition _
)
```

C#

```
public ScreenField (
    string data,
    ScreenPosition position
)
```

C++

```
public:
ScreenField (
    String^ data,
    ScreenPosition^ position
)
```

J#

```
public ScreenField (
    String data,
    ScreenPosition position
)
```

JScript

```
public function ScreenField (
    data : String,
    position : ScreenPosition
)
```

## Parameters

data

A string of text used in the Data portion of the screen field.

position

The position of the start of the field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField Constructor (String, Int16, Int16)

Creates a new instance of the ScreenField class, using the specified data string, row position, and column position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    data As String, _
    row As Short, _
    column As Short _
)
```

C#

```
public ScreenField (
    string data,
    short row,
    short column
)
```

C++

```
public:
ScreenField (
    String^ data,
    short row,
    short column
)
```

J#

```
public ScreenField (
    String data,
    short row,
    short column
)
```

JScript

```
public function ScreenField (
    data : String,
    row : short,
    column : short
)
```

## Parameters

data

A string of text used in the Data portion of the screen field.

row

A 1-based value describing where the row starts.

column

A 1-based value describing where the column starts.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenField Class](#)






















[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# ScreenField Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Starts the cursor on the specified field and moves forward the specified number of fields.
	<a href="#">Compare</a>	Compares two specified ScreenField objects and returns an integer that indicates their relationship to one another in the sort order.
	<a href="#">CompareTo</a>	Compares this instance with a specified ScreenField and returns an integer that indicates whether this instance precedes, follows, or appears in the same position in the sort order as the specified ScreenField.
	<a href="#">Decrement</a>	Starts the cursor on the specified field and moves back one.
	<a href="#">Equals</a>	Overloaded. Overridden. Determines if the current instance is equal to the specified object.
	<a href="#">GetHashCode</a>	Overridden. Retrieves the hash code for the current instance.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Increment</a>	Starts the cursor on the specified field and moves forward by one.
	<a href="#">op_Addition</a>	Starts the cursor at the specified field and moves forward the specified number.
	<a href="#">op_Decrement</a>	Starts the cursor on the specified field and moves back one.
	<a href="#">op_Equality</a>	Determines if the specified fields are equal.
	<a href="#">op_GreaterThan</a>	Determines if the first specified field is greater than the second specified field.
	<a href="#">op_GreaterThanOrEqual</a>	Determines if the first specified field is greater than or equal to the second field.
	<a href="#">op_Increment</a>	Starts the cursor on the specified field and moves forward by one.
	<a href="#">op_Inequality</a>	Determines if the specified fields are unequal.
	<a href="#">op_LessThan</a>	Determines if the first specified field is less than the second field.
	<a href="#">op_LessThanOrEqual</a>	Determines if the first specified field is less than or equal to the second field.
	<a href="#">op_Subtraction</a>	Starts the cursor on the specified field and moves back the specified number of fields.
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Subtract</a>	Starts the cursor on the specified field and moves back the specified number of fields.
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[ScreenField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Add Method

Starts the cursor on the specified field and moves forward the specified number of fields.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Add ( _
    numberToMove As Integer _
) As ScreenField
```

C#

```
public ScreenField Add (
    int numberToMove
)
```

C++

```
public:
ScreenField^ Add (
    int numberToMove
)
```

J#

```
public ScreenField Add (
    int numberToMove
)
```

JScript

```
public function Add (
    numberToMove : int
) : ScreenField
```

## Parameters

numberToMove

The field to move.

## Return Value

The screen object to be added.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Compare Method

Compares two specified ScreenField objects and returns an integer that indicates their relationship to one another in the sort order.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function Compare ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Integer
```

C#

```
public static int Compare (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static int Compare (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

```
public static int Compare (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

JScript

```
public static function Compare (
    leftHandSide : ScreenField,
    rightHandSide : ScreenField
) : int
```

## Parameters

leftHandSide

The object being compared.

rightHandSide

The object being compared.

## Return Value

The compared objects.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.CompareTo Method

Compares this instance with a specified ScreenField and returns an integer that indicates whether this instance precedes, follows, or appears in the same position in the sort order as the specified ScreenField.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function CompareTo ( _
    rightHandSide As ScreenField _
) As Integer
```

C#

```
public int CompareTo (
    ScreenField rightHandSide
)
```

C++

```
public:
int CompareTo (
    ScreenField^ rightHandSide
)
```

J#

```
public int CompareTo (
    ScreenField rightHandSide
)
```

JScript

```
public function CompareTo (
    rightHandSide : ScreenField
) : int
```

## Parameters

rightHandSide

## Return Value

The compared item.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Decrement Method

Starts the cursor on the specified field and moves back one.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function Decrement As ScreenField
```

C#

```
public ScreenField Decrement ()
```

C++

```
public:  
ScreenField^ Decrement ()
```

J#

```
public ScreenField Decrement ()
```

JScript

```
public function Decrement () : ScreenField
```

## Return Value

The result of the decrement.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)




[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Equals Method

Determines if the current instance is equal to the specified object.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

	Name	Description
	<a href="#">Equals(Object)</a>	Determines if the current instance is equal to the specified object.(Overrides <a href="#">Object.Equals(Object)</a> .)
	<a href="#">Equals(ScreenField)</a>	Determines if the current instance is equal to the specified object.
	<a href="#">Equals(ScreenField, ScreenField)</a>	Determines if the current instance is equal to the specified object with specified sides.

See Also  
[ScreenField Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

**ScreenField.Equals Method (Object)**

Determines if the current instance is equal to the specified object.

Syntax

```
C#  
  
public override bool Equals(  
    object obj  
)
```

```
C++  
  
public:  
virtual bool Equals(  
    Object^ obj  
) override
```

```
F#  
  
override Equals :  
    obj:Object -> bool
```

```
VB  
  
Public Overrides Function Equals (  
    obj As Object  
) As Boolean
```

**Parameters**

*obj*  
Type: [System.Object](#)  
The object to compare the current instance to.

**Return Value**

Type: [System.Boolean](#)  
**True** if the objects are equal; otherwise, **false**.

[Return to top](#)

**ScreenField.Equals Method (ScreenField)**

Determines if the current instance is equal to the specified object.

Syntax

C#

```
public bool Equals(  
    ScreenField rightHandSide  
)
```

C++

```
public:  
bool Equals(  
    ScreenField^ rightHandSide  
)
```

F#

```
member Equals :  
    rightHandSide:ScreenField -> bool
```

VB

```
Public Function Equals (  
    rightHandSide As ScreenField  
) As Boolean
```

#### Parameters

*rightHandSide*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

#### Return Value

Type: [System.Boolean](#)

**True** if the current instance is equal to the specified object; otherwise, **false**.

[Return to top](#)

#### ScreenField.Equals Method (ScreenField, ScreenField)

Determines if the current instance is equal to the specified object with specified sides.

Syntax

C#

```
public static bool Equals(  
    ScreenField leftHandSide,  
    ScreenField rightHandSide  
)
```

C++

```
public:  
static bool Equals(  
    ScreenField^ leftHandSide,  
    ScreenField^ rightHandSide  
)
```

F#

```
static member Equals :  
    leftHandSide:ScreenField *  
    rightHandSide:ScreenField -> bool
```

VB

```
Public Shared Function Equals (  
    leftHandSide As ScreenField,  
    rightHandSide As ScreenField  
) As Boolean
```



**Parameters***leftHandSide*Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The object to be compared to

*rightHandSide*Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The object to be compared to

**Return Value**Type: [System.Boolean](#)**True** if the current instance is equal to the specified object; otherwise, **false**.[Return to top](#)

# ScreenField.Equals Method (Object)

Determines if the current instance is equal to the specified object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Equals ( _
    obj As Object _
) As Boolean
```

C#

```
public override bool Equals (
    Object obj
)
```

C++

```
public:
virtual bool Equals (
    Object^ obj
) override
```

J#

```
public boolean Equals (
    Object obj
)
```

JScript

```
public override function Equals (
    obj : Object
) : boolean
```

## Parameters

obj

The object to compare the current instance to.

## Return Value

**True** if the objects are equal; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Equals Method (ScreenField)

Determines if the current instance is equal to the specified object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Equals ( _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public bool Equals (
    ScreenField rightHandSide
)
```

C++

```
public:
bool Equals (
    ScreenField^ rightHandSide
)
```

J#

```
public boolean Equals (
    ScreenField rightHandSide
)
```

JScript

```
public function Equals (
    rightHandSide : ScreenField
) : boolean
```

## Parameters

rightHandSide

## Return Value

**True** if the current instance is equal to the specified object; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Equals Method (ScreenField, ScreenField)

Determines if the current instance is equal to the specified object with specified sides.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function Equals ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool Equals (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool Equals (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

```
public static boolean Equals (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

JScript

```
public static function Equals (
    leftHandSide : ScreenField,
    rightHandSide : ScreenField
) : boolean
```

## Parameters

leftHandSide

The object to be compared to

rightHandSide

The object to be compared to

## Return Value

**True** if the current instance is equal to the specified object; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.GetHashCode Method

Retrieves the hash code for the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function GetHashCode As Integer
```

C#

```
public override int GetHashCode ()
```

C++

```
public:  
virtual int GetHashCode () override
```

J#

```
public int GetHashCode ()
```

JScript

```
public override function GetHashCode () : int
```

## Return Value

The hash code for the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Increment Method

Starts the cursor on the specified field and moves forward by one.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function Increment As ScreenField
```

C#

```
public ScreenField Increment ()
```

C++

```
public:  
ScreenField^ Increment ()
```

J#

```
public ScreenField Increment ()
```

JScript

```
public function Increment () : ScreenField
```

## Return Value

The result of the increment.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_Addition Method

Starts the cursor at the specified field and moves forward the specified number.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator + ( _
    field As ScreenField, _
    numberToMove As Integer _
) As ScreenField
```

C#

```
public static ScreenField operator + (
    ScreenField field,
    int numberToMove
)
```

C++

```
public:
static ScreenField^ operator + (
    ScreenField^ field,
    int numberToMove
)
```

J#

JScript

## Parameters

field

The field to start on.

numberToMove

The number of fields to move.

## Return Value

The new field that the cursor is on.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenField.op\_Decrement Method

Starts the cursor on the specified field and moves back one.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator -- ( _
    field As ScreenField _
) As ScreenField
```

C#

```
public static ScreenField operator -- (
    ScreenField field
)
```

C++

```
public:
static ScreenField^ operator -- (
    ScreenField^ field
)
```

J#

JScript

## Parameters

field

The field to decrement.

## Return Value

The new screen field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_Equality Method

Determines if the specified fields are equal.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator = ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator == (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator == (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

Left-hand side of the equation.

rightHandSide

Right-hand side of the equation.

## Return Value

true if the specified fields are equal; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_GreaterThan Method

Determines if the first specified field is greater than the second specified field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator > ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator > (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator > (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

The first field to compare.

rightHandSide

The second field to compare.

## Return Value

True if the first field is greater than the second; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_GreaterThanOrEqual Method

Determines if the first specified field is greater than or equal to the second field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator >= ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator >= (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator >= (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

The first field to compare.

rightHandSide

The second field to compare.

## Return Value

True if the first field is greater than or equal to the second; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_Increment Method

Starts the cursor on the specified field and moves forward by one.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator ++ ( _
    field As ScreenField _
) As ScreenField
```

C#

```
public static ScreenField operator ++ (
    ScreenField field
)
```

C++

```
public:
static ScreenField^ operator ++ (
    ScreenField^ field
)
```

J#

JScript

## Parameters

field

The field to increment.

## Return Value

The new screen field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_Inequality Method

Determines if the specified fields are unequal.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator <> ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator != (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator != (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

The first field to compare.

rightHandSide

The second field to compare.

## Return Value

true if the fields are unequal; otherwise, false.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_LessThan Method

Determines if the first specified field is less than the second field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator < ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator < (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator < (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

The first field to compare.

rightHandSide

The second field to compare.

## Return Value

true if the first field is less than the second field; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.op\_LessThanOrEqual Method

Determines if the first specified field is less than or equal to the second field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator <= ( _
    leftHandSide As ScreenField, _
    rightHandSide As ScreenField _
) As Boolean
```

C#

```
public static bool operator <= (
    ScreenField leftHandSide,
    ScreenField rightHandSide
)
```

C++

```
public:
static bool operator <= (
    ScreenField^ leftHandSide,
    ScreenField^ rightHandSide
)
```

J#

JScript

## Parameters

leftHandSide

The first field to compare.

rightHandSide

The second field to compare.

## Return Value

true if the first field is less than or equal to the second field; otherwise, false.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenField.op\_Subtraction Method

Starts the cursor on the specified field and moves back the specified number of fields.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Operator - ( _
    field As ScreenField, _
    numberToMove As Integer _
) As ScreenField
```

C#

```
public static ScreenField operator - (
    ScreenField field,
    int numberToMove
)
```

C++

```
public:
static ScreenField^ operator - (
    ScreenField^ field,
    int numberToMove
)
```

J#

JScript

## Parameters

field

The field to start on.

numberToMove

The number of fields to move back.

## Return Value

The field the cursor currently resides in.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Subtract Method

Starts the cursor on the specified field and moves back the specified number of fields.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Subtract ( _
    numberToMove As Integer _
) As ScreenField
```

C#

```
public ScreenField Subtract (
    int numberToMove
)
```

C++

```
public:
ScreenField^ Subtract (
    int numberToMove
)
```

J#

```
public ScreenField Subtract (
    int numberToMove
)
```

JScript

```
public function Subtract (
    numberToMove : int
) : ScreenField
```

## Parameters

numberToMove

The field to move.

## Return Value

The moved field object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.ToString Method

Translates the current instance to a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance, translated as a string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference














[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField Properties

## Public Properties

	Name	Description
	<a href="#">Attributes</a>	Gets the attribute information of the field.
	<a href="#">Column</a>	Gets a 1-based column value that describes the field starts.
	<a href="#">Data</a>	Gets or sets the screen data characters contained in the field.
	<a href="#">IsSnapshot</a>	Gets whether the screen field is a snapshot.
	<a href="#">IsValid</a>	Gets whether the screen field is valid.
	<a href="#">Item</a>	Overloaded. Describes an item from a screen field.
	<a href="#">Length</a>	Gets the length of the field.
	<a href="#">Next</a>	Gets the next field.
	<a href="#">Position</a>	Gets the current screen position.
	<a href="#">Previous</a>	Gets the previous field.
	<a href="#">Row</a>	Gets the row of the current field.
	<a href="#">Screen</a>	Retrieves the screen.
	<a href="#">Snapshot</a>	Retrieves a snapshot of the current screen field.

See Also

### Reference

[ScreenField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Attributes Property

Gets the attribute information of the field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Attributes As ScreenFieldAttributeData
```

C#

```
public ScreenFieldAttributeData Attributes { get; }
```

C++

```
public:
property ScreenFieldAttributeData^ Attributes {
    ScreenFieldAttributeData^ get ();
}
```

J#

```
/** @property */
public ScreenFieldAttributeData get_Attributes ()
```

JScript

```
public function get Attributes () : ScreenFieldAttributeData
```

## Property Value

The attribute information of the field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Column Property

Gets a 1-based column value that describes the field starts.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Column As Short
```

C#

```
public short Column { get; }
```

C++

```
public:
property short Column {
    short get ();
}
```

J#

```
/** @property */
public short get_Column ()
```

JScript

```
public function get Column () : short
```

## Property Value

A 1-based column value that describes the field starts.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Data Property

Gets or sets the screen data characters contained in the field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Data As String
```

C#

```
public string Data { get; set; }
```

C++

```
public:
property String^ Data {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Data ()

/** @property */
public void set_Data (String value)
```

JScript

```
public function get Data () : String

public function set Data (value : String)
```

## Property Value

The screen data characters contained in the field.

Remarks

The field associated with the current instance may be updated outside of your application. Therefore, you may receive an error if you attempt to overwrite the updated information.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.IsSnapshot Property

Gets whether the screen field is a snapshot.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsSnapshot As Boolean
```

C#

```
public bool IsSnapshot { get; }
```

C++

```
public:
property bool IsSnapshot {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_IsSnapshot ()
```

JScript

```
public function get IsSnapshot () : boolean
```

## Property Value

**True** if the screen field is a snapshot; otherwise, **false**.

Remarks

True only if the Snapshot property has been used on another field. If a field is a Snapshot, you cannot change its data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenField.IsValid Property

Gets whether the screen field is valid.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsValid As Boolean
```

C#

```
public bool IsValid { get; }
```

C++

```
public:
property bool IsValid {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_IsValid ()
```

JScript

```
public function get IsValid () : boolean
```

## Property Value

**True** if the screen field is valid; otherwise, **false**.

Remarks

Whenever the screen updates, which occurs when the host sends data, any field which was extracted from the screen will become invalid. For example:

```
ScreenField f = sessionDisplay.GetField(1,1)
```

```
sessionDisplay.SendKey ("@E")
```

```
sessionDisplay.Wait(...).
```

At this point, f.IsValid is false.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Item Property

Describes an item from a screen field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

	Name	Description
	<a href="#">Item(Int16)</a>	Describes an item from a screen field.
	<a href="#">Item(Int16, Int16)</a>	Describes an item from a screen field.

Remarks  
Describes screenField [start] screenField [start, length], returning part of the field as a ScreenPartialField.

See Also  
[ScreenField Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

**ScreenField.Item Property (Int16)**  
Describes an item from a screen field.

Syntax  
C#

```
public ScreenPartialField this[
    short offset
] { get; }
```

C++

```
public:
property ScreenPartialField^ default[
    short offset
] {
    ScreenPartialField^ get(short offset);
}
```

F#

```
member Item :
    offset:int16 -> ScreenPartialField with get
```

VB

```
Public ReadOnly Property Item (
    offset As Short
) As ScreenPartialField
```

**Parameters**  
*offset*  
Type: [System.Int16](#)  
The offset of the current item.

**Property Value**  
Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)  
The item from a screen field.

[Return to top](#)

**ScreenField.Item Property (Int16, Int16)**  
Describes an item from a screen field.

## Syntax

### C#

```
public ScreenPartialField this[
    short offset,
    short length
] { get; }
```

### C++

```
public:
property ScreenPartialField^ default[
    short offset,
    short length
] {
    ScreenPartialField^ get(short offset, short length);
}
```

### F#

```
member Item :
    offset:int16 *
    length:int16 -> ScreenPartialField with get
```

### VB

```
Public ReadOnly Property Item (
    offset As Short,
    length As Short
) As ScreenPartialField
```

## Parameters

### *offset*

Type: [System.Int16](#)

The offset of the item.

### *length*

Type: [System.Int16](#)

The length of the item.

## Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The item from a screen field.

[Return to top](#)

# ScreenField.Item Property (Int16)

Describes an item from a screen field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    offset As Short _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    short offset
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [short] {
    ScreenPartialField^ get (short offset);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (short offset)
```

JScript

## Parameters

offset

The offset of the current item.

## Property Value

The item from a screen field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Item Property (Int16, Int16)

Describes an item from a screen field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    offset As Short, _
    length As Short _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    short offset,
    short length
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [short, short] {
    ScreenPartialField^ get (short offset, short length);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (short offset, short length)
```

JScript

## Parameters

offset

The offset of the item.

length

The length of the item.

## Property Value

The item from a screen field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Length Property

Gets the length of the field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Length As Short
```

C#

```
public short Length { get; }
```

C++

```
public:  
property short Length {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Length ()
```

JScript

```
public function get Length () : short
```

## Property Value

The length of the field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Next Property

Gets the next field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Next As ScreenField
```

C#

```
public ScreenField Next { get; }
```

C++

```
public:
property ScreenField^ Next {
    ScreenField^ get ();
}
```

J#

```
/** @property */
public ScreenField get_Next ()
```

JScript

```
public function get Next () : ScreenField
```

## Property Value

The next screen field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Position Property

Gets the current screen position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Position As ScreenPosition
```

C#

```
public ScreenPosition Position { get; }
```

C++

```
public:  
property ScreenPosition^ Position {  
    ScreenPosition^ get ();  
}
```

J#

```
/** @property */  
public ScreenPosition get_Position ()
```

JScript

```
public function get Position () : ScreenPosition
```

## Property Value

The current screen position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenField.Previous Property

Gets the previous field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Previous As ScreenField
```

C#

```
public ScreenField Previous { get; }
```

C++

```
public:  
property ScreenField^ Previous {  
    ScreenField^ get ();  
}
```

J#

```
/** @property */  
public ScreenField get_Previous ()
```

JScript

```
public function get Previous () : ScreenField
```

## Property Value

The previous field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Row Property

Gets the row of the current field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Row As Short
```

C#

```
public short Row { get; }
```

C++

```
public:
property short Row {
    short get ();
}
```

J#

```
/** @property */
public short get_Row ()
```

JScript

```
public function get Row () : short
```

## Property Value

The row of the current field.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Screen Property

Retrieves the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Screen As SessionDisplay
```

C#

```
public SessionDisplay Screen { get; }
```

C++

```
public:  
property SessionDisplay^ Screen {  
    SessionDisplay^ get ();  
}
```

J#

```
/** @property */  
public SessionDisplay get_Screen ()
```

JScript

```
public function get Screen () : SessionDisplay
```

## Property Value

The screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenField.Snapshot Property

Retrieves a snapshot of the current screen field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Snapshot As ScreenField
```

C#

```
public ScreenField Snapshot { get; }
```

C++

```
public:
property ScreenField^ Snapshot {
    ScreenField^ get ();
}
```

J#

```
/** @property */
public ScreenField get_Snapshot ()
```

JScript

```
public function get Snapshot () : ScreenField
```

## Property Value

A snapshot of the current screen field.

Remarks

It is the NEW field which has the IsSnapshot property set to true.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenField Class](#)

[ScreenField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttribute Enumeration

Describes the attributes of a field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
[FlagsAttribute]
public enum ScreenFieldAttribute
```

C++

```
[FlagsAttribute]
public enum class ScreenFieldAttribute
```

F#

```
[<FlagsAttribute>]
type ScreenFieldAttribute
```

VB

```
<FlagsAttribute>
Public Enumeration ScreenFieldAttribute
```

## Members

Member name	Description
<b>AutoSkip</b>	The field color is an Autoskip field.
<b>Bright</b>	The Field color is bright and detectable by light pen.
<b>DisplayPen</b>	The Field is a normal display, and detectable by light pen.
<b>Modified</b>	The field has been modified.
<b>NonDisplay</b>	The field is non-display, and not detectable by light pen.
<b>Normal</b>	The field is normal.
<b>Numeric</b>	The field is a numeric input only field.
<b>Protected</b>	The field is protected.

## Remarks

Provides methods to access a collection of short descriptions such as SKIP, DARK or PROT, NUM, BRT that are combined with information about the color and highlighting.

## See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# ScreenFieldAttributeData Class

Provides all of the attributes about the ScreenField data.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData**

[Microsoft.HostIntegration.SNA.Session.ScreenFieldIndividualAttributeData](#)

Syntax

C#

```
public class ScreenFieldAttributeData
```

C++

```
public ref class ScreenFieldAttributeData
```



F#

```
type ScreenFieldAttributeData = class end
```









VB

```
Public Class ScreenFieldAttributeData
```


Constructors






Name	Description
 <a href="#">ScreenFieldAttributeData(ScreenFieldAttribute)</a>	Creates a new instance of the <b>ScreenFieldAttributeData</b> class using the specified attributes.
 <a href="#">ScreenFieldAttributeData(ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)</a>	Creates a new instance of the <b>ScreenFieldAttributeData</b> class using the specified attributes, color, and highlighting.

Properties

Name	Description
 <a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric.
 <a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field.
 <a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal.
 <a href="#">Color</a>	Gets the value of the color attribute in the screen field.
 <a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden.
 <a href="#">Highlighting</a>	Gets the value of the highlighting attribute in the screen field.
 <a href="#">Modified</a>	Gets a value that determines if the field has been modified by the client application.
 <a href="#">Protected</a>	Gets a value that determines if the field has been protected or non-protected.

Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)

 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	Translates the current instance to a string.(Overrides <a href="#">Object.ToString()</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# ScreenFieldAttributeData Members

Provides all of the attributes about the ScreenField data.









The following tables list the members exposed by the [ScreenFieldAttributeData](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenFieldAttributeData</a>	Overloaded. Creates a new instance of the <a href="#">ScreenFieldAttributeData</a> class.







## Top

## Public Properties

Name	Description
 <a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric.
 <a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field.
 <a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal.
 <a href="#">Color</a>	Gets the value of the color attribute in the screen field.
 <a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden.
 <a href="#">Highlighting</a>	Gets the value of the highlighting attribute in the screen field.
 <a href="#">Modified</a>	Gets a value that determines if the field has been modified by the client application.
 <a href="#">Protected</a>	Gets a value that determines if the field has been protected or non-protected.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	Overridden. Translates the current instance to a string.

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[ScreenFieldAttributeData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# ScreenFieldAttributeData Constructor

Creates a new instance of the [ScreenFieldAttributeData](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

Name	Description
 <a href="#">ScreenFieldAttributeData(ScreenFieldAttribute)</a>	Creates a new instance of the <a href="#">ScreenFieldAttributeData</a> class using the specified attributes.
 <a href="#">ScreenFieldAttributeData(ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)</a>	Creates a new instance of the <a href="#">ScreenFieldAttributeData</a> class using the specified attributes, color, and highlighting.

## See Also

[ScreenFieldAttributeData Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## ScreenFieldAttributeData Constructor (ScreenFieldAttribute)

Creates a new instance of the [ScreenFieldAttributeData](#) class using the specified attributes.

## Syntax

C#

```
public ScreenFieldAttributeData(  
    ScreenFieldAttribute attribute  
)
```

C++

```
public:  
ScreenFieldAttributeData(  
    ScreenFieldAttribute attribute  
)
```

F#

```
new :  
    attribute:ScreenFieldAttribute -> ScreenFieldAttributeData
```

VB

```
Public Sub New (  
    attribute As ScreenFieldAttribute  
)
```

## Parameters

*attribute*  
Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttribute](#)  
A binary list or OR'd attributes.

## Remarks

When using [ScreenDisplay.GetField](#) on an object created with this constructor, only the standard attributes will be available.

[Return to top](#)

## ScreenFieldAttributeData Constructor (ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)

Creates a new instance of the [ScreenFieldAttributeData](#) class using the specified attributes, color, and highlighting.

## Syntax

### C#

```
public ScreenFieldAttributeData(  
    ScreenFieldAttribute attribute,  
    ScreenFieldColor color,  
    ScreenFieldHighlighting highlighting  
)
```

### C++

```
public:  
ScreenFieldAttributeData(  
    ScreenFieldAttribute attribute,  
    ScreenFieldColor color,  
    ScreenFieldHighlighting highlighting  
)
```

### F#

```
new :  
    attribute:ScreenFieldAttribute *  
    color:ScreenFieldColor *  
    highlighting:ScreenFieldHighlighting -> ScreenFieldAttributeData
```

### VB

```
Public Sub New (  
    attribute As ScreenFieldAttribute,  
    color As ScreenFieldColor,  
    highlighting As ScreenFieldHighlighting  
)
```

## Parameters

### *attribute*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttribute](#)

A binary list or OR'd attributes.

### *color*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldColor](#)

The color of the screen.

### *highlighting*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldHighlighting](#)

The color of the field highlights.

[Return to top](#)

# ScreenFieldAttributeData Constructor (ScreenFieldAttribute)

Creates a new instance of the [ScreenFieldAttributeData](#) class using the specified attributes.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attribute As ScreenFieldAttribute _
)
```

C#

```
public ScreenFieldAttributeData (
    ScreenFieldAttribute attribute
)
```

C++

```
public:
ScreenFieldAttributeData (
    ScreenFieldAttribute attribute
)
```

J#

```
public ScreenFieldAttributeData (
    ScreenFieldAttribute attribute
)
```

JScript

```
public function ScreenFieldAttributeData (
    attribute : ScreenFieldAttribute
)
```

## Parameters

attribute

A binary list or OR'd attributes.

Remarks

When using `ScreenDisplay.GetField` on an object created with this constructor, only the standard attributes will be available.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData Constructor (ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)

Creates a new instance of the [ScreenFieldAttributeData](#) class using the specified attributes, color, and highlighting.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attribute As ScreenFieldAttribute, _
    color As ScreenFieldColor, _
    highlighting As ScreenFieldHighlighting _
)
```

C#

```
public ScreenFieldAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

C++

```
public:
ScreenFieldAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

J#

```
public ScreenFieldAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

JScript

```
public function ScreenFieldAttributeData (
    attribute : ScreenFieldAttribute,
    color : ScreenFieldColor,
    highlighting : ScreenFieldHighlighting
)
```

## Parameters

attribute

A binary list or OR'd attributes.

color

The color of the screen.

highlighting

The color of the field highlights.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ScreenFieldAttributeData Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.ToString Method

Translates the current instance to a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance as a string value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData Properties

Public Properties

	Name	Description
	<a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric.
	<a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field.
	<a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal.
	<a href="#">Color</a>	Gets the value of the color attribute in the screen field.
	<a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden.
	<a href="#">Highlighting</a>	Gets the value of the highlighting attribute in the screen field.
	<a href="#">Modified</a>	Gets a value that determines if the field has been modified by the client application.
	<a href="#">Protected</a>	Gets a value that determines if the field has been protected or non-protected.

See Also

Reference

[ScreenFieldAttributeData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldAttributeData.Alphanumeric Property

Gets a value that describes if the field is alphanumeric or numeric.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Alphanumeric As Boolean
```

C#

```
public bool Alphanumeric { get; }
```

C++

```
public:
property bool Alphanumeric {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_Alphanumeric ()
```

JScript

```
public function get Alphanumeric () : boolean
```

## Property Value

**True** if the field is alphanumeric; otherwise, **false**.

Remarks

Alphanumeric is a this is a 3270 field attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.AutoSkip Property

Gets a value that determines whether the field is an Autoskip field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property AutoSkip As Boolean
```

C#

```
public bool AutoSkip { get; }
```

C++

```
public:
property bool AutoSkip {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_AutoSkip ()
```

JScript

```
public function get AutoSkip () : boolean
```

## Property Value

**True** if the field is an Autoskip field; otherwise, **false**.

Remarks

An Autoskip field is equivalent to having both the protected and numeric bits set.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Bright Property

Gets a value that determines whether the field is bright or normal.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Bright As Boolean
```

C#

```
public bool Bright { get; }
```

C++

```
public:
property bool Bright {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_Bright ()
```

JScript

```
public function get Bright () : boolean
```

## Property Value

**True** if the screen is bright; **false** if the screen is normal.

Remarks

Bright is a 3270 field attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Color Property

Gets the value of the color attribute in the screen field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Color As ScreenFieldColor
```

C#

```
public ScreenFieldColor Color { get; }
```

C++

```
public:
property ScreenFieldColor Color {
    ScreenFieldColor get ();
}
```

J#

```
/** @property */
public ScreenFieldColor get_Color ()
```

JScript

```
public function get Color () : ScreenFieldColor
```

## Property Value

The value of the color attribute in the screen field.

Remarks

Color is a 3270 extended attribute (field and character).

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Displayable Property

Gets a value that determines if the field is displayable or hidden.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Displayable As Boolean
```

C#

```
public bool Displayable { get; }
```

C++

```
public:
property bool Displayable {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_Displayable ()
```

JScript

```
public function get Displayable () : boolean
```

## Property Value

**True** if the field is displayable; **false** if the field is hidden.

Remarks

Displayable is a 3270 field attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Highlighting Property

Gets the value of the highlighting attribute in the screen field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Highlighting As ScreenFieldHighlighting
```

C#

```
public ScreenFieldHighlighting Highlighting { get; }
```

C++

```
public:
property ScreenFieldHighlighting Highlighting {
    ScreenFieldHighlighting get ();
}
```

J#

```
/** @property */
public ScreenFieldHighlighting get_Highlighting ()
```

JScript

```
public function get Highlighting () : ScreenFieldHighlighting
```

## Property Value

The value of the highlighting attribute in the screen field.

Remarks

Highlighting is a 3270 extended attribute (field and character).

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Modified Property

Gets a value that determines if the field has been modified by the client application.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Modified As Boolean
```

C#

```
public bool Modified { get; }
```

C++

```
public:
property bool Modified {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_Modified ()
```

JScript

```
public function get Modified () : boolean
```

## Property Value

**True** if the field has been modified; otherwise, **false**.

Remarks

Modified is a 3270 field attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldAttributeData.Protected Property

Gets a value that determines if the field has been protected or non-protected.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Protected As Boolean
```

C#

```
public bool Protected { get; }
```

C++

```
public:
property bool Protected {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_Protected ()
```

JScript

```
public function get Protected () : boolean
```

## Property Value

**True** if the field is protected; **false** if the field is non-protected.

Remarks

Protected is a 3270 field attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldAttributeData Class](#)

[ScreenFieldAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection Class

Contains a collection of ScreenField instances.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection**

Syntax

C#

```
public class ScreenFieldCollection : IEnumerable
```

C++

```
public ref class ScreenFieldCollection : IEnumerable
```



F#

```
type ScreenFieldCollection =  
    class  
        interface IEnumerable  
    end
```







VB

```
Public Class ScreenFieldCollection  
    Implements IEnumerable
```





Constructors









	Name	Description
	<a href="#">ScreenFieldCollection()</a>	Initializes a new instance of the <b>ScreenFieldCollection</b> class using default values.
	<a href="#">ScreenFieldCollection(Int32)</a>	Initializes a new instance of the <b>ScreenFieldCollection</b> class using the specified entries.

Properties

	Name	Description
	<a href="#">Item(Int32)</a>	Retrieves the ScreenField located at the specified index.
	<a href="#">Item(ScreenField)</a>	Gets the ScreenField from the collection that matches the specified ScreenField.
	<a href="#">Item(ScreenPartialField)</a>	Retrieves the ScreenField that contains the specified partial field.
	<a href="#">Item(ScreenPosition)</a>	Retrieves the ScreenField in the collection which is located at the specified position.
	<a href="#">Item(String)</a>	Retrieves the ScreenField in the collection that contains the specified string.
	<a href="#">Length</a>	Gets the number of the Screen Fields in the collection.

Methods

	Name	Description
	<a href="#">Add(ScreenField)</a>	Adds the specified ScreenField to the collection.
	<a href="#">Clear()</a>	Clears the collection.
	<a href="#">Contains(ScreenField)</a>	Returns a value that determines whether the specified screen field is in the collection.
	<a href="#">Contains(ScreenPartialField)</a>	Returns a value that determines whether a screen field containing the specified partial field is in the collection.

 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetEnumerator()</a>	Returns an enumerator for the current instance.
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Remove(ScreenField)</a>	Removes the specified ScreenField from the collection.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenFieldCollection Members

Contains a collection of ScreenField instances.



The following tables list the members exposed by the [ScreenFieldCollection](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenFieldCollection</a>	Overloaded. Initializes a new instance of the <a href="#">ScreenFieldCollection</a> class.












## Top

## Public Properties

Name	Description
 <a href="#">Item</a>	Overloaded. Retrieves the specified ScreenField from the collection.
 <a href="#">Length</a>	Gets the number of the Screen Fields in the collection.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Adds the specified ScreenField to the collection.
	<a href="#">Clear</a>	Clears the collection.
	<a href="#">Contains</a>	Overloaded. Returns a value that determines if the specified screen field is in the collection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Returns an enumerator for the current instance.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Removes the specified ScreenField from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[ScreenFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection Constructor

Initializes a new instance of the [ScreenFieldCollection](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">ScreenFieldCollection()</a>	Initializes a new instance of the <a href="#">ScreenFieldCollection</a> class using default values.
 <a href="#">ScreenFieldCollection(Int32)</a>	Initializes a new instance of the <a href="#">ScreenFieldCollection</a> class using the specified entries.

See Also

[ScreenFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### ScreenFieldCollection Constructor ()

Initializes a new instance of the [ScreenFieldCollection](#) class using default values.

Syntax

C#

```
public ScreenFieldCollection()
```

C++

```
public:  
ScreenFieldCollection()
```

F#

```
new : unit -> ScreenFieldCollection
```

VB

```
Public Sub New
```

[Return to top](#)

### ScreenFieldCollection Constructor (Int32)

Initializes a new instance of the [ScreenFieldCollection](#) class using the specified entries.

Syntax

C#

```
public ScreenFieldCollection(  
    int entries  
)
```

C++

```
public:  
ScreenFieldCollection(  
    int entries  
)
```

F#

```
new :  
    entries:int -> ScreenFieldCollection
```

VB

```
Public Sub New (  
    entries As Integer  
)
```

#### Parameters

*entries*

Type: [System.Int32](#)

The number of ScreenFields you expect to add to the collection.

[Return to top](#)

# ScreenFieldCollection Constructor ()

Initializes a new instance of the [ScreenFieldCollection](#) class using default values.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public ScreenFieldCollection ()
```

C++

```
public:  
ScreenFieldCollection ()
```

J#

```
public ScreenFieldCollection ()
```

JScript

```
public function ScreenFieldCollection ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection Constructor (Int32)

Initializes a new instance of the [ScreenFieldCollection](#) class using the specified entries.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    entries As Integer _
)
```

C#

```
public ScreenFieldCollection (
    int entries
)
```

C++

```
public:
    ScreenFieldCollection (
        int entries
    )
```

J#

```
public ScreenFieldCollection (
    int entries
)
```

JScript

```
public function ScreenFieldCollection (
    entries : int
)
```

## Parameters

entries

The number of ScreenFields you expect to add to the collection.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Adds the specified ScreenField to the collection.
	<a href="#">Clear</a>	Clears the collection.
	<a href="#">Contains</a>	Overloaded. Returns a value that determines if the specified screen field is in the collection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Returns an enumerator for the current instance.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Removes the specified ScreenField from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ScreenFieldCollection Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection.Add Method

Adds the specified ScreenField to the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Add ( _
    newField As ScreenField _
)
```

C#

```
public void Add (
    ScreenField newField
)
```

C++

```
public:
void Add (
    ScreenField^ newField
)
```

J#

```
public void Add (
    ScreenField newField
)
```

JScript

```
public function Add (
    newField : ScreenField
)
```

## Parameters

newField

The ScreenField to add.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Clear Method

Clears the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Clear
```

C#

```
public void Clear ()
```

C++

```
public:  
void Clear ()
```

J#

```
public void Clear ()
```

JScript

```
public function Clear ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection.Contains Method

Returns a value that determines if the specified screen field is in the collection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">Contains(ScreenField)</a>	Returns a value that determines whether the specified screen field is in the collection.
 <a href="#">Contains(ScreenPartialField)</a>	Returns a value that determines whether a screen field containing the specified partial field is in the collection.

See Also

[ScreenFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## ScreenFieldCollection.Contains Method (ScreenField)

Returns a value that determines whether the specified screen field is in the collection.

Syntax

C#

```
public bool Contains(  
    ScreenField searchField  
)
```

C++

```
public:  
bool Contains(  
    ScreenField^ searchField  
)
```

F#

```
member Contains :  
    searchField:ScreenField -> bool
```

VB

```
Public Function Contains (  
    searchField As ScreenField  
) As Boolean
```

## Parameters

*searchField*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The ScreenField to search for.

## Return Value

Type: [System.Boolean](#)

**True** if the specified ScreenField is in the collection; otherwise, **false**.

[Return to top](#)

## ScreenFieldCollection.Contains Method (ScreenPartialField)

Returns a value that determines whether a screen field containing the specified partial field is in the collection.

Syntax

C#

```
public bool Contains(  
    ScreenPartialField searchPartialField  
)
```

C++

```
public:  
bool Contains(  
    ScreenPartialField^ searchPartialField  
)
```

F#

```
member Contains :  
    searchPartialField:ScreenPartialField -> bool
```

VB

```
Public Function Contains (  
    searchPartialField As ScreenPartialField  
) As Boolean
```

#### Parameters

*searchPartialField*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The partial field to search on.

#### Return Value

Type: [System.Boolean](#)

**True** if a screen in the collection contains the specified partial field; otherwise, **false**.

[Return to top](#)

# ScreenFieldCollection.Contains Method (ScreenField)

Returns a value that determines whether the specified screen field is in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Contains ( _
    searchField As ScreenField _
) As Boolean
```

C#

```
public bool Contains (
    ScreenField searchField
)
```

C++

```
public:
bool Contains (
    ScreenField^ searchField
)
```

J#

```
public boolean Contains (
    ScreenField searchField
)
```

JScript

```
public function Contains (
    searchField : ScreenField
) : boolean
```

## Parameters

searchField

The ScreenField to search for.

## Return Value

**True** if the specified ScreenField is in the collection; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Contains Method (ScreenPartialField)

Returns a value that determines whether a screen field containing the specified partial field is in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Contains ( _
    searchPartialField As ScreenPartialField _
) As Boolean
```

C#

```
public bool Contains (
    ScreenPartialField searchPartialField
)
```

C++

```
public:
bool Contains (
    ScreenPartialField^ searchPartialField
)
```

J#

```
public boolean Contains (
    ScreenPartialField searchPartialField
)
```

JScript

```
public function Contains (
    searchPartialField : ScreenPartialField
) : boolean
```

## Parameters

searchPartialField

The partial field to search on.

## Return Value

**True** if a screen in the collection contains the specified partial field; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.GetEnumerator Method

Returns an enumerator for the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function GetEnumerator As IEnumerator
```

C#

```
public IEnumerator GetEnumerator ()
```

C++

```
public:  
virtual IEnumerator^ GetEnumerator () sealed
```

J#

```
public final IEnumerator GetEnumerator ()
```

JScript

```
public final function GetEnumerator () : IEnumerator
```

## Return Value

An enumerator for the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Remove Method

Removes the specified ScreenField from the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Remove ( _
    oldField As ScreenField _
)
```

C#

```
public void Remove (
    ScreenField oldField
)
```

C++

```
public:
void Remove (
    ScreenField^ oldField
)
```

J#

```
public void Remove (
    ScreenField oldField
)
```

JScript

```
public function Remove (
    oldField : ScreenField
)
```

## Parameters

oldField

The ScreenField to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)



[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection Properties

## Public Properties

	Name	Description
	<a href="#">Item</a>	Overloaded. Retrieves the specified ScreenField from the collection.
	<a href="#">Length</a>	Gets the number of the Screen Fields in the collection.

See Also

### Reference

[ScreenFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)






# ScreenFieldCollection.Item Property

Retrieves the specified ScreenField from the collection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">Item(Int32)</a>	Retrieves the ScreenField located at the specified index.
 <a href="#">Item(ScreenField)</a>	Gets the ScreenField from the collection that matches the specified ScreenField.
 <a href="#">Item(ScreenPartialField)</a>	Retrieves the ScreenField that contains the specified partial field.
 <a href="#">Item(ScreenPosition)</a>	Retrieves the ScreenField in the collection which is located at the specified position.
 <a href="#">Item(String)</a>	Retrieves the ScreenField in the collection that contains the specified string.

See Also

[ScreenFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### ScreenFieldCollection.Item Property (Int32)

Retrieves the ScreenField located at the specified index.

Syntax

C#

```
public ScreenField this[
    int index
] { get; }
```

C++

```
public:
property ScreenField^ default[
    int index
] {
    ScreenField^ get(int index);
}
```

F#

```
member Item :
    index:int -> ScreenField with get
```

VB

```
Public ReadOnly Property Item (
    index As Integer
) As ScreenField
```

### Parameters

*index*

Type: [System.Int32](#)

The index of the ScreenField to retrieve.

### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The ScreenField at the specified index.

[Return to top](#)

### ScreenFieldCollection.Item Property (ScreenField)

Gets the ScreenField from the collection that matches the specified ScreenField.

Syntax

C#

```
public ScreenField this[
    ScreenField searchField
] { get; }
```

C++

```
public:
property ScreenField^ default[
    ScreenField^ searchField
] {
    ScreenField^ get(ScreenField^ searchField);
}
```

F#

```
member Item :
    searchField:ScreenField -> ScreenField with get
```

VB

```
Public ReadOnly Property Item (
    searchField As ScreenField
) As ScreenField
```

### Parameters

*searchField*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The ScreenField to search for in the collection.

### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The ScreenField that matches the specified ScreenField.

[Return to top](#)

### ScreenFieldCollection.Item Property (ScreenPartialField)

Retrieves the ScreenField that contains the specified partial field.

Syntax

C#

```
public ScreenField this[
    ScreenPartialField searchPartialField
] { get; }
```

C++

```
public:
property ScreenField^ default[
    ScreenPartialField^ searchPartialField
] {
    ScreenField^ get(ScreenPartialField^ searchPartialField);
}
```

F#

```
member Item :
    searchPartialField:ScreenPartialField -> ScreenField with get
```

VB

```
Public ReadOnly Property Item (  
    searchPartialField As ScreenPartialField  
) As ScreenField
```

#### Parameters

*searchPartialField*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The partial field to search for in the collection.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The screen field that contains the specified partial field.

[Return to top](#)

#### ScreenFieldCollection.Item Property (ScreenPosition)

Retrieves the ScreenField in the collection which is located at the specified position.

Syntax

C#

```
public ScreenField this[  
    ScreenPosition position  
] { get; }
```

C++

```
public:  
property ScreenField^ default[  
    ScreenPosition^ position  
] {  
    ScreenField^ get(ScreenPosition^ position);  
}
```

F#

```
member Item :  
    position:ScreenPosition -> ScreenField with get
```

VB

```
Public ReadOnly Property Item (  
    position As ScreenPosition  
) As ScreenField
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position to retrieve the ScreenField from.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The ScreenField at the specified position.

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#### ScreenFieldCollection.Item Property (String)

Retrieves the ScreenField in the collection that contains the specified string.

Syntax

C#

```
public ScreenField this[  
    string searchText  
] { get; }
```

C++

```
public:
property ScreenField^ default[
    String^ searchText
] {
    ScreenField^ get(String^ searchText);
}
```

F#

```
member Item :
    searchText:string -> ScreenField with get
```

VB

```
Public ReadOnly Property Item (
    searchText As String
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The string to search on.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

the ScreenField in the collection that contains the specified string.

[Return to top](#)

# ScreenFieldCollection.Item Property (Int32)

Retrieves the ScreenField located at the specified index.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    index As Integer _
) As ScreenField
```

C#

```
public ScreenField this [
    int index
] { get; }
```

C++

```
public:
property ScreenField^ default [int] {
    ScreenField^ get (int index);
}
```

J#

```
/** @property */
public ScreenField get_Item (int index)
```

JScript

## Parameters

index

The index of the ScreenField to retrieve.

## Property Value

The ScreenField at the specified index.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Item Property (ScreenField)

Gets the ScreenField from the collection that matches the specified ScreenField.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    searchField As ScreenField _
) As ScreenField
```

C#

```
public ScreenField this [
    ScreenField searchField
] { get; }
```

C++

```
public:
property ScreenField^ default [ScreenField^] {
    ScreenField^ get (ScreenField^ searchField);
}
```

J#

```
/** @property */
public ScreenField get_Item (ScreenField searchField)
```

JScript

## Parameters

searchField

The ScreenField to search for in the collection.

## Property Value

The ScreenField that matches the specified ScreenField.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Item Property (ScreenPartialField)

Retrieves the ScreenField that contains the specified partial field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    searchPartialField As ScreenPartialField _
) As ScreenField
```

C#

```
public ScreenField this [
    ScreenPartialField searchPartialField
] { get; }
```

C++

```
public:
property ScreenField^ default [ScreenPartialField^] {
    ScreenField^ get (ScreenPartialField^ searchPartialField);
}
```

J#

```
/** @property */
public ScreenField get_Item (ScreenPartialField searchPartialField)
```

JScript

## Parameters

searchPartialField

The partial field to search for in the collection.

## Property Value

The screen field that contains the specified partial field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenFieldCollection.Item Property (ScreenPosition)

Retrieves the ScreenField in the collection which is located at the specified position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    position As ScreenPosition _
) As ScreenField
```

C#

```
public ScreenField this [
    ScreenPosition position
] { get; }
```

C++

```
public:
property ScreenField^ default [ScreenPosition^] {
    ScreenField^ get (ScreenPosition^ position);
}
```

J#

```
/** @property */
public ScreenField get_Item (ScreenPosition position)
```

JScript

## Parameters

position

The position to retrieve the ScreenField from.

## Property Value

The ScreenField at the specified position.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Item Property (String)

Retrieves the ScreenField in the collection that contains the specified string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    searchText As String _
) As ScreenField
```

C#

```
public ScreenField this [
    string searchText
] { get; }
```

C++

```
public:
property ScreenField^ default [String^] {
    ScreenField^ get (String^ searchText);
}
```

J#

```
/** @property */
public ScreenField get_Item (String searchText)
```

JScript

## Parameters

searchText

The string to search on.

## Property Value

the ScreenField in the collection that contains the specified string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldCollection.Length Property

Gets the number of the Screen Fields in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Length As Integer
```

C#

```
public int Length { get; }
```

C++

```
public:  
property int Length {  
    int get ();  
}
```

J#

```
/** @property */  
public int get_Length ()
```

JScript

```
public function get Length () : int
```

## Property Value

The number of the Screen Fields in the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldCollection Class](#)

[ScreenFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldColor Enumeration

Contains the possible screen colors returned in the 3270 data stream.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum ScreenFieldColor
```

C++

```
public enum class ScreenFieldColor
```

F#

```
type ScreenFieldColor
```

VB

```
Public Enumeration ScreenFieldColor
```

Members

Member name	Description
Blue	Blue
Default	The default screen color
Green	Green
Pink	Pink
Red	Red
Turquoise	Turquoise
White	White
Yellow	Yellow

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenFieldHighlighting Enumeration

Contains the possible screen highlighting values returned in the 3270 data stream.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum ScreenFieldHighlighting
```

C++

```
public enum class ScreenFieldHighlighting
```

F#

```
type ScreenFieldHighlighting
```

VB

```
Public Enumeration ScreenFieldHighlighting
```

Members

Member name	Description
Blink	Blinking
Default	Default
Reverse	Reverse
Underscore	Underscore

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# ScreenFieldIndividualAttributeData Class

Describes the attribute data of a single field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

**Microsoft.HostIntegration.SNA.Session.ScreenFieldIndividualAttributeData**

Syntax

C#

```
public class ScreenFieldIndividualAttributeData : ScreenFieldAttributeData
```

C++

```
public ref class ScreenFieldIndividualAttributeData : ScreenFieldAttributeData
```



F#

```
type ScreenFieldIndividualAttributeData =  
    class  
        inherit ScreenFieldAttributeData  
    end
```






VB




```
Public Class ScreenFieldIndividualAttributeData  
    Inherits ScreenFieldAttributeData
```

Constructors







	Name	Description
	<a href="#">ScreenFieldIndividualAttributeData(ScreenFieldAttribute)</a>	Creates a new instance of the <b>ScreenFieldIndividualAttributeData</b> class using the specified collection of attributes.
	<a href="#">ScreenFieldIndividualAttributeData(ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)</a>	Creates a new instance of the <b>ScreenFieldIndividualAttributeData</b> class using the specified collection of attributes.

Properties

	Name	Description
	<a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<a href="#">Color</a>	Gets the value of the color attribute in the screen field.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)

	<b>Highlighting</b>	Gets the value of the highlighting attribute in the screen field.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<b>Modified</b>	Gets a value that determines if the field has been modified by the client application.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)
	<b>Protected</b>	Gets a value that determines if the field has been protected or non-protected.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)

#### Methods

	<b>Name</b>	<b>Description</b>
	<b><a href="#">Equals(Object)</a></b>	(Inherited from <a href="#">Object</a> .)
	<b><a href="#">Finalize()</a></b>	(Inherited from <a href="#">Object</a> .)
	<b><a href="#">GetHashCode()</a></b>	(Inherited from <a href="#">Object</a> .)
	<b><a href="#">GetType()</a></b>	(Inherited from <a href="#">Object</a> .)
	<b><a href="#">MemberwiseClone()</a></b>	(Inherited from <a href="#">Object</a> .)
	<b><a href="#">ToString()</a></b>	Translates the current instance to a string.(Inherited from <a href="#">ScreenFieldAttributeData</a> .)

#### Remarks

The difference between [ScreenFieldIndividualAttributeData](#) and [ScreenFieldAttributeData](#) is that when comparing them (or one of them and a [ScreenFieldAttributeData](#)) the attributes are not compared as a whole, but individually. If you have a field with the attributes Normal and Bright, its attribute will compare equal only to a [ScreenFieldAttributeData](#) which has both Normal and Bright set. [ScreenFieldIndividualAttributeData](#) will compare equal to three different [ScreenFieldIndividualAttributeData](#) values: bright only, normal only, both normal and bright. This can then be used to find all fields on the screen which are Bright using [GetFields\(new ScreenFieldIndividualAttributeData\(ScreenFieldAttribute.Bright\)\)](#), which will find all fields which are bright, regardless of their other attributes.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenFieldIndividualAttributeData Members

Describes the attribute data of a single field.









The following tables list the members exposed by the [ScreenFieldIndividualAttributeData](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenFieldIndividualAttributeData</a>	Overloaded. Creates a new instance of the <a href="#">ScreenFieldIndividualAttributeData</a> class.






[Top](#)

## Public Properties

Name	Description
 <a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Color</a>	Gets the value of the color attribute in the screen field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Highlighting</a>	Gets the value of the highlighting attribute in the screen field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Modified</a>	Gets a value that determines if the field has been modified by the client application. (inherited from <a href="#">ScreenFieldAttributeData</a> )
 <a href="#">Protected</a>	Gets a value that determines if the field has been protected or non-protected. (inherited from <a href="#">ScreenFieldAttributeData</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	Translates the current instance to a string. (inherited from <a href="#">ScreenFieldAttributeData</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

## Reference

[ScreenFieldIndividualAttributeData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# ScreenFieldIndividualAttributeData Constructor

Creates a new instance of the [ScreenFieldIndividualAttributeData](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

Name	Description
 <a href="#">ScreenFieldIndividualAttributeData(ScreenFieldAttribute)</a>	Creates a new instance of the <a href="#">ScreenFieldIndividualAttributeData</a> class using the specified collection of attributes.
 <a href="#">ScreenFieldIndividualAttributeData(ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)</a>	Creates a new instance of the <a href="#">ScreenFieldIndividualAttributeData</a> class using the specified collection of attributes.

See Also  
[ScreenFieldIndividualAttributeData Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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**ScreenFieldIndividualAttributeData Constructor (ScreenFieldAttribute)**

Creates a new instance of the [ScreenFieldIndividualAttributeData](#) class using the specified collection of attributes.

Syntax

```
C#  
  
public ScreenFieldIndividualAttributeData(  
    ScreenFieldAttribute attribute  
)
```

```
C++  
  
public:  
ScreenFieldIndividualAttributeData(  
    ScreenFieldAttribute attribute  
)
```

```
F#  
  
new :  
    attribute:ScreenFieldAttribute -> ScreenFieldIndividualAttributeData
```

```
VB  
  
Public Sub New (  
    attribute As ScreenFieldAttribute  
)
```

**Parameters**  
*attribute*  
Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttribute](#)  
A collection of OR'd attributes that describe the field.

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**ScreenFieldIndividualAttributeData Constructor (ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)**

Creates a new instance of the [ScreenFieldIndividualAttributeData](#) class using the specified collection of attributes.

Syntax

```
C#  
  
public ScreenFieldIndividualAttributeData(  
    ScreenFieldAttribute attribute,  
    ScreenFieldColor color,  
    ScreenFieldHighlighting highlighting
```

```
)
```

C++

```
public:
ScreenFieldIndividualAttributeData(
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

F#

```
new :
    attribute:ScreenFieldAttribute *
    color:ScreenFieldColor *
    highlighting:ScreenFieldHighlighting -> ScreenFieldIndividualAttributeData
```

VB

```
Public Sub New (
    attribute As ScreenFieldAttribute,
    color As ScreenFieldColor,
    highlighting As ScreenFieldHighlighting
)
```

#### Parameters

*attribute*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttribute](#)

A collection of OR'd attributes that describe the field.

*color*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldColor](#)

The color of the field.

*highlighting*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldHighlighting](#)

The highlight of the field.

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# ScreenFieldIndividualAttributeData Constructor (ScreenFieldAttribute)

Creates a new instance of the [ScreenFieldIndividualAttributeData](#) class using the specified collection of attributes.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attribute As ScreenFieldAttribute _
)
```

C#

```
public ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute
)
```

C++

```
public:
ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute
)
```

J#

```
public ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute
)
```

JScript

```
public function ScreenFieldIndividualAttributeData (
    attribute : ScreenFieldAttribute
)
```

## Parameters

attribute

A collection of OR'd attributes that describe the field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenFieldIndividualAttributeData Class](#)

[ScreenFieldIndividualAttributeData Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldIndividualAttributeData Constructor (ScreenFieldAttribute, ScreenFieldColor, ScreenFieldHighlighting)

Creates a new instance of the [ScreenFieldIndividualAttributeData](#) class using the specified collection of attributes.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attribute As ScreenFieldAttribute, _
    color As ScreenFieldColor, _
    highlighting As ScreenFieldHighlighting _
)
```

C#

```
public ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

C++

```
public:
ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

J#

```
public ScreenFieldIndividualAttributeData (
    ScreenFieldAttribute attribute,
    ScreenFieldColor color,
    ScreenFieldHighlighting highlighting
)
```

JScript

```
public function ScreenFieldIndividualAttributeData (
    attribute : ScreenFieldAttribute,
    color : ScreenFieldColor,
    highlighting : ScreenFieldHighlighting
)
```

## Parameters

attribute

A collection of OR'd attributes that describe the field.

color

The color of the field.

highlighting

The highlight of the field

the highlight of the field.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[ScreenFieldIndividualAttributeData Class](#)

[ScreenFieldIndividualAttributeData Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldIndividualAttributeData Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Translates the current instance to a string. (inherited from <a href="#">ScreenFieldAttributeData</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )









See Also

**Reference**

- [ScreenFieldIndividualAttributeData Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenFieldIndividualAttributeData Properties

## Public Properties

	Name	Description
	<a href="#">Alphanumeric</a>	Gets a value that describes if the field is alphanumeric or numeric. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">AutoSkip</a>	Gets a value that determines whether the field is an Autoskip field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Bright</a>	Gets a value that determines whether the field is bright or normal. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Color</a>	Gets the value of the color attribute in the screen field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Displayable</a>	Gets a value that determines if the field is displayable or hidden. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Highlighting</a>	Gets the value of the highlighting attribute in the screen field. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Modified</a>	Gets a value that determines if the field has been modified by the client application. (inherited from <a href="#">ScreenFieldAttributeData</a> )
	<a href="#">Protected</a>	Gets a value that determines if the field has been protected or non-protected. (inherited from <a href="#">ScreenFieldAttributeData</a> )

See Also

### Reference

[ScreenFieldIndividualAttributeData Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField Class

Provides access to a part of a screen field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenPartialField**

Syntax

C#

```
public class ScreenPartialField
```

C++

```
public ref class ScreenPartialField
```





F#

```
type ScreenPartialField = class end
```









VB

```
Public Class ScreenPartialField
```

Constructors

Name	Description
 <a href="#">ScreenPartialField(Int16, Int16, Int16)</a>	Creates a new instance of the <b>ScreenPartialField</b> class using the specified row, column, and length.
 <a href="#">ScreenPartialField(ScreenPosition, Int16)</a>	Creates a new instance of the <b>ScreenPartialField</b> class using the specified screen position and length.
 <a href="#">ScreenPartialField(String, Int16, Int16)</a>	Creates a new instance of the <b>ScreenPartialField</b> class using the specified screen row, column, and data.
 <a href="#">ScreenPartialField(String, ScreenPosition)</a>	Creates a new instance of the <b>ScreenPartialField</b> class using the specified text string and screen position.







Properties

Name	Description
 <a href="#">Column</a>	Gets the column where the partial field is located.
 <a href="#">Data</a>	Gets or sets the screen data characters contained in the partial field.
 <a href="#">Field</a>	Gets the field that the current instance is associated with.
 <a href="#">IsValid</a>	Returns true if there is a valid Field associated with this partial field; otherwise false.
 <a href="#">Length</a>	Gets the length of the partial field.
 <a href="#">Offset</a>	Gets the offset of a partial field within a field.
 <a href="#">Position</a>	Retrieves the position of the current instance.
 <a href="#">Row</a>	Gets the row where the partial field is located.

Methods

Name	Description
------	-------------



 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	Translates the current instance to a string value.(Overrides <a href="#">Object.ToString()</a> .)

#### Remarks

The constructors create partial fields which are detached from a screen, thus they are never valid. They are used in searching or waiting, as they define the position and content of partial fields that are found on an actual screen.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenPartialField Members

Provides access to a part of a screen field.









The following tables list the members exposed by the [ScreenPartialField](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenPartialField</a>	Overloaded. Creates a new instance of the <a href="#">ScreenPartialField</a> class.







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## Public Properties

	Name	Description
	<a href="#">Column</a>	Gets the column where the partial field is located.
	<a href="#">Data</a>	Gets or sets the screen data characters contained in the partial field.
	<a href="#">Field</a>	Gets the field that the current instance is associated with.
	<a href="#">IsValid</a>	Returns true if there is a valid Field associated with this partial field; otherwise false.
	<a href="#">Length</a>	Gets the length of the partial field.
	<a href="#">Offset</a>	Gets the offset of a partial field within a field.
	<a href="#">Position</a>	Retrieves the position of the current instance.
	<a href="#">Row</a>	Gets the row where the partial field is located.



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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string value.

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## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[ScreenPartialField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# ScreenPartialField Constructor

Creates a new instance of the [ScreenPartialField](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

Name	Description
 <a href="#">ScreenPartialField(Int16, Int16, Int16)</a>	Creates a new instance of the <a href="#">ScreenPartialField</a> class using the specified row, column, and length.
 <a href="#">ScreenPartialField(ScreenPosition, Int16)</a>	Creates a new instance of the <a href="#">ScreenPartialField</a> class using the specified screen position and length.
 <a href="#">ScreenPartialField(String, Int16, Int16)</a>	Creates a new instance of the <a href="#">ScreenPartialField</a> class using the specified screen row, column, and data.
 <a href="#">ScreenPartialField(String, ScreenPosition)</a>	Creates a new instance of the <a href="#">ScreenPartialField</a> class using the specified text string and screen position.

See Also

[ScreenPartialField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### ScreenPartialField Constructor (Int16, Int16, Int16)

Creates a new instance of the [ScreenPartialField](#) class using the specified row, column, and length.

Syntax

C#

```
public ScreenPartialField(  
    short row,  
    short column,  
    short length  
)
```

C++

```
public:  
ScreenPartialField(  
    short row,  
    short column,  
    short length  
)
```

F#

```
new :  
    row:int16 *  
    column:int16 *  
    length:int16 -> ScreenPartialField
```

VB

```
Public Sub New (  
    row As Short,  
    column As Short,  
    length As Short  
)
```

Parameters

*row*

Type: [System.Int16](#)

The 1-based row where the partial field starts.

*column*

Type: [System.Int16](#)

The 1-based column where the partial field starts.

*length*

Type: [System.Int16](#)

The maximum length of the partial field.

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#### **ScreenPartialField Constructor (ScreenPosition, Int16)**

Creates a new instance of the [ScreenPartialField](#) class using the specified screen position and length.

Syntax

C#

```
public ScreenPartialField(  
    ScreenPosition position,  
    short length  
)
```

C++

```
public:  
ScreenPartialField(  
    ScreenPosition^ position,  
    short length  
)
```

F#

```
new :  
    position:ScreenPosition *  
    length:int16 -> ScreenPartialField
```

VB

```
Public Sub New (  
    position As ScreenPosition,  
    length As Short  
)
```

#### **Parameters**

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the start of the partial field.

*length*

Type: [System.Int16](#)

The maximum length of the partial field.

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#### **ScreenPartialField Constructor (String, Int16, Int16)**

Creates a new instance of the [ScreenPartialField](#) class using the specified screen row, column, and data.

Syntax

C#

```
public ScreenPartialField(  
    string data,  
    short row,  
    short column  
)
```

C++

```
public:
ScreenPartialField(
    String^ data,
    short row,
    short column
)
```

F#

```
new :
    data:string *
    row:int16 *
    column:int16 -> ScreenPartialField
```

VB

```
Public Sub New (
    data As String,
    row As Short,
    column As Short
)
```

#### Parameters

*data*

Type: [System.String](#)

The string of text to be used in the data portion.

The length is assumed to be the number of characters in this parameter.

*row*

Type: [System.Int16](#)

The 1-based row where the partial field starts.

*column*

Type: [System.Int16](#)

The 1-based column where the partial field starts.

[Return to top](#)

#### ScreenPartialField Constructor (String, ScreenPosition)

Creates a new instance of the [ScreenPartialField](#) class using the specified text string and screen position.

Syntax

C#

```
public ScreenPartialField(
    string data,
    ScreenPosition position
)
```

C++

```
public:
ScreenPartialField(
    String^ data,
    ScreenPosition^ position
)
```

F#

```
new :
    data:string *
    position:ScreenPosition -> ScreenPartialField
```

VB

```
Public Sub New (  
    data As String,  
    position As ScreenPosition  
)
```

#### Parameters

*data*

Type: [System.String](#)

The string of text to be used in the data portion.

The length is assumed to be the number of characters in this parameter.

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the start of the partial field.

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# ScreenPartialField Constructor (ScreenPosition, Int16)

Creates a new instance of the [ScreenPartialField](#) class using the specified screen position and length.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    position As ScreenPosition, _
    length As Short _
)
```

C#

```
public ScreenPartialField (
    ScreenPosition position,
    short length
)
```

C++

```
public:
ScreenPartialField (
    ScreenPosition^ position,
    short length
)
```

J#

```
public ScreenPartialField (
    ScreenPosition position,
    short length
)
```

JScript

```
public function ScreenPartialField (
    position : ScreenPosition,
    length : short
)
```

## Parameters

position

The position of the start of the partial field.

length

The maximum length of the partial field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField Constructor (String, ScreenPosition)

Creates a new instance of the [ScreenPartialField](#) class using the specified text string and screen position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    data As String, _
    position As ScreenPosition _
)
```

C#

```
public ScreenPartialField (
    string data,
    ScreenPosition position
)
```

C++

```
public:
ScreenPartialField (
    String^ data,
    ScreenPosition^ position
)
```

J#

```
public ScreenPartialField (
    String data,
    ScreenPosition position
)
```

JScript

```
public function ScreenPartialField (
    data : String,
    position : ScreenPosition
)
```

## Parameters

data

The string of text to be used in the data portion.

The length is assumed to be the number of characters in this parameter.

position

The position of the start of the partial field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)





# ScreenPartialField Constructor (Int16, Int16, Int16)

Creates a new instance of the [ScreenPartialField](#) class using the specified row, column, and length.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    row As Short, _
    column As Short, _
    length As Short _
)
```

C#

```
public ScreenPartialField (
    short row,
    short column,
    short length
)
```

C++

```
public:
ScreenPartialField (
    short row,
    short column,
    short length
)
```

J#

```
public ScreenPartialField (
    short row,
    short column,
    short length
)
```

JScript

```
public function ScreenPartialField (
    row : short,
    column : short,
    length : short
)
```

## Parameters

row

The 1-based row where the partial field starts.

column

The 1-based column where the partial field starts.

length

The maximum length of the partial field.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField Constructor (String, Int16, Int16)

Creates a new instance of the [ScreenPartialField](#) class using the specified screen row, column, and data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    data As String, _
    row As Short, _
    column As Short _
)
```

C#

```
public ScreenPartialField (
    string data,
    short row,
    short column
)
```

C++

```
public:
ScreenPartialField (
    String^ data,
    short row,
    short column
)
```

J#

```
public ScreenPartialField (
    String data,
    short row,
    short column
)
```

JScript

```
public function ScreenPartialField (
    data : String,
    row : short,
    column : short
)
```

## Parameters

data

The string of text to be used in the data portion.

The length is assumed to be the number of characters in this parameter.

row

The 1-based row where the partial field starts.

column

The 1-based column where the partial field starts.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[ScreenPartialField Class](#)

[ScreenPartialField Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string value.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ScreenPartialField Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.ToString Method

Translates the current instance to a string value.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance, as a string value.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField Properties

Public Properties

	Name	Description
	<a href="#">Column</a>	Gets the column where the partial field is located.
	<a href="#">Data</a>	Gets or sets the screen data characters contained in the partial field.
	<a href="#">Field</a>	Gets the field that the current instance is associated with.
	<a href="#">IsValid</a>	Returns true if there is a valid Field associated with this partial field; otherwise false.
	<a href="#">Length</a>	Gets the length of the partial field.
	<a href="#">Offset</a>	Gets the offset of a partial field within a field.
	<a href="#">Position</a>	Retrieves the position of the current instance.
	<a href="#">Row</a>	Gets the row where the partial field is located.

See Also

Reference

[ScreenPartialField Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenPartialField.Column Property

Gets the column where the partial field is located.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Column As Short
```

C#

```
public short Column { get; }
```

C++

```
public:  
property short Column {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Column ()
```

JScript

```
public function get Column () : short
```

## Property Value

The column where the partial field is located.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Data Property

Gets or sets the screen data characters contained in the partial field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Data As String
```

C#

```
public string Data { get; set; }
```

C++

```
public:
property String^ Data {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Data ()

/** @property */
public void set_Data (String value)
```

JScript

```
public function get Data () : String

public function set Data (value : String)
```

## Property Value

The screen data characters contained in the partial field.

Remarks

If the current instance is associated with a field on a screen, and that field has changed, and if you attempt to change the Data for that field, you will receive an error.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Field Property

Gets the field that the current instance is associated with.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Field As ScreenField
```

C#

```
public ScreenField Field { get; }
```

C++

```
public:  
property ScreenField^ Field {  
    ScreenField^ get ();  
}
```

J#

```
/** @property */  
public ScreenField get_Field ()
```

JScript

```
public function get Field () : ScreenField
```

## Property Value

The field that the current instance is associated with. Null if the instance was created by calling the Constructor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.IsValid Property

Returns true if there is a valid Field associated with this partial field; otherwise false.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsValid As Boolean
```

C#

```
public bool IsValid { get; }
```

C++

```
public:
property bool IsValid {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_IsValid ()
```

JScript

```
public function get IsValid () : boolean
```

## Property Value

**True** if there is a valid Field associated with this partial field; otherwise **false**.

Remarks

IsValid is relevant only if the current instance is associated with a field on a screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Length Property

Gets the length of the partial field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Length As Short
```

C#

```
public short Length { get; }
```

C++

```
public:
property short Length {
    short get ();
}
```

J#

```
/** @property */
public short get_Length ()
```

JScript

```
public function get Length () : short
```

## Property Value

The length of the partial field. Will return -1 if the partial field was obtained from a field via an indexer and a length was not specified.

Remarks

If the Data property is updated (on a partial field not associated with a field), then Length will change.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Offset Property

Gets the offset of a partial field within a field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Offset As Short
```

C#

```
public short Offset { get; }
```

C++

```
public:
property short Offset {
    short get ();
}
```

J#

```
/** @property */
public short get_Offset ()
```

JScript

```
public function get Offset () : short
```

## Property Value

The offset of a partial field within a field.

Remarks

Offset is valid only if the current instance was obtained from a field through an Indexer.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Position Property

Retrieves the position of the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Position As ScreenPosition
```

C#

```
public ScreenPosition Position { get; }
```

C++

```
public:
property ScreenPosition^ Position {
    ScreenPosition^ get ();
}
```

J#

```
/** @property */
public ScreenPosition get_Position ()
```

JScript

```
public function get Position () : ScreenPosition
```

## Property Value

The position of the current instance.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialField.Row Property

Gets the row where the partial field is located.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Row As Short
```

C#

```
public short Row { get; }
```

C++

```
public:  
property short Row {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Row ()
```

JScript

```
public function get Row () : short
```

## Property Value

The row where the partial field is located.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialField Class](#)

[ScreenPartialField Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenPartialFieldCollection Class

Contains a collection of ScreenPartialFields instances.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.ScreenPartialFieldCollection**

Syntax

C#

```
public class ScreenPartialFieldCollection : IEnumerable
```

C++

```
public ref class ScreenPartialFieldCollection : IEnumerable
```



F#

```
type ScreenPartialFieldCollection =  
    class  
        interface IEnumerable  
    end
```






VB

```
Public Class ScreenPartialFieldCollection  
    Implements IEnumerable
```






Constructors







	Name	Description
	<a href="#">ScreenPartialFieldCollection()</a>	Creates a new instance of the <b>ScreenPartialFieldCollection</b> class.
	<a href="#">ScreenPartialFieldCollection(Int32)</a>	Creates a new instance of the <b>ScreenPartialFieldCollection</b> class using the specified number of potential entries.

Properties

	Name	Description
	<a href="#">Item(Int32)</a>	Retrieves a partial field from the collection using the specified index.
	<a href="#">Item(ScreenPartialField)</a>	Retrieves a partial field from the collection using the specified partial field.
	<a href="#">Item(ScreenPosition)</a>	Retrieves a partial field from the collection using the specified position.
	<a href="#">Item(String)</a>	Retrieves a partial field from the collection using the specified search string.
	<a href="#">Length</a>	Gets the number of the Screen Partial Fields in the collection.

Methods

	Name	Description
	<a href="#">Add(ScreenPartialField)</a>	Adds a new partial field to the collection.
	<a href="#">Clear()</a>	Empties the collection.
	<a href="#">Contains(ScreenPartialField)</a>	Checks to see if the specified PartialField is contained in the collection.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)

 GetEnumerator()	Retrieves an enumerator for the current instance.
 GetHashCode()	(Inherited from <a href="#">Object.</a> )
 GetType()	(Inherited from <a href="#">Object.</a> )
 MemberwiseClone()	(Inherited from <a href="#">Object.</a> )
 Remove(ScreenPartialField)	Removes the specified partial field from the collection.
 ToString()	(Inherited from <a href="#">Object.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# ScreenPartialFieldCollection Members

Contains a collection of ScreenPartialFields instances.



The following tables list the members exposed by the [ScreenPartialFieldCollection](#) type.

## Public Constructors

Name	Description
<a href="#">ScreenPartialFieldCollection</a>	Overloaded. Creates a new instance of the <a href="#">ScreenPartialFieldCollection</a> class.











## Top

## Public Properties

Name	Description
 <a href="#">Item</a>	Overloaded. Retrieves the specified partial field from the collection.
 <a href="#">Length</a>	Gets the number of the Screen Partial Fields in the collection.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Add</a>	Adds a new partial field to the collection.
 <a href="#">Clear</a>	Empties the collection.
 <a href="#">Contains</a>	Checks to see if the specified PartialField is contained in the collection.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetEnumerator</a>	Retrieves an enumerator for the current instance.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Remove</a>	Removes the specified partial field from the collection.
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenPartialFieldCollection Constructor

Creates a new instance of the [ScreenPartialFieldCollection](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

	Name	Description
	<a href="#">ScreenPartialFieldCollection()</a>	Creates a new instance of the <a href="#">ScreenPartialFieldCollection</a> class.
	<a href="#">ScreenPartialFieldCollection(Int32)</a>	Creates a new instance of the <a href="#">ScreenPartialFieldCollection</a> class using the specified number of potential entries.

See Also

[ScreenPartialFieldCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### ScreenPartialFieldCollection Constructor ()

Creates a new instance of the [ScreenPartialFieldCollection](#) class.

Syntax

C#

```
public ScreenPartialFieldCollection()
```

C++

```
public:  
ScreenPartialFieldCollection()
```

F#

```
new : unit -> ScreenPartialFieldCollection
```

VB

```
Public Sub New
```

[Return to top](#)

### ScreenPartialFieldCollection Constructor (Int32)

Creates a new instance of the [ScreenPartialFieldCollection](#) class using the specified number of potential entries.

Syntax

C#

```
public ScreenPartialFieldCollection(  
    int entries  
)
```

C++

```
public:  
ScreenPartialFieldCollection(  
    int entries  
)
```

F#

```
new :  
    entries:int -> ScreenPartialFieldCollection
```

VB

```
Public Sub New (  
    entries As Integer  
)
```

#### Parameters

*entries*

Type: [System.Int32](#)

The number of ScreenPartialFields which you expect to add to the collection.

[Return to top](#)

# ScreenPartialFieldCollection Constructor ()

Creates a new instance of the [ScreenPartialFieldCollection](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public ScreenPartialFieldCollection ()
```

C++

```
public:  
ScreenPartialFieldCollection ()
```

J#

```
public ScreenPartialFieldCollection ()
```

JScript

```
public function ScreenPartialFieldCollection ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection Constructor (Int32)

Creates a new instance of the [ScreenPartialFieldCollection](#) class using the specified number of potential entries.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    entries As Integer _
)
```

C#

```
public ScreenPartialFieldCollection (
    int entries
)
```

C++

```
public:
ScreenPartialFieldCollection (
    int entries
)
```

J#

```
public ScreenPartialFieldCollection (
    int entries
)
```

JScript

```
public function ScreenPartialFieldCollection (
    entries : int
)
```

## Parameters

entries

The number of ScreenPartialFields which you expect to add to the collection.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)




[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Adds a new partial field to the collection.
	<a href="#">Clear</a>	Empties the collection.
	<a href="#">Contains</a>	Checks to see if the specified PartialField is contained in the collection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetEnumerator</a>	Retrieves an enumerator for the current instance.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Removes the specified partial field from the collection.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ScreenPartialFieldCollection Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenPartialFieldCollection.Add Method

Adds a new partial field to the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Add ( _
    newPartialField As ScreenPartialField _
)
```

C#

```
public void Add (
    ScreenPartialField newPartialField
)
```

C++

```
public:
void Add (
    ScreenPartialField^ newPartialField
)
```

J#

```
public void Add (
    ScreenPartialField newPartialField
)
```

JScript

```
public function Add (
    newPartialField : ScreenPartialField
)
```

## Parameters

newPartialField

The new partial field to add.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Clear Method

Empties the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Clear
```

C#

```
public void Clear ()
```

C++

```
public:  
void Clear ()
```

J#

```
public void Clear ()
```

JScript

```
public function Clear ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Contains Method

Checks to see if the specified PartialField is contained in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Contains ( _
    searchPartialField As ScreenPartialField _
) As Boolean
```

C#

```
public bool Contains (
    ScreenPartialField searchPartialField
)
```

C++

```
public:
bool Contains (
    ScreenPartialField^ searchPartialField
)
```

J#

```
public boolean Contains (
    ScreenPartialField searchPartialField
)
```

JScript

```
public function Contains (
    searchPartialField : ScreenPartialField
) : boolean
```

## Parameters

searchPartialField

The field to search on. If the searchPartialField contains no data, only the starting position is used.

## Return Value

**True** if the specified partial field is in the collection; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.GetEnumerator Method

Retrieves an enumerator for the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function GetEnumerator As IEnumerator
```

C#

```
public IEnumerator GetEnumerator ()
```

C++

```
public:  
virtual IEnumerator^ GetEnumerator () sealed
```

J#

```
public final IEnumerator GetEnumerator ()
```

JScript

```
public final function GetEnumerator () : IEnumerator
```

## Return Value

An enumerator for the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Remove Method

Removes the specified partial field from the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Remove ( _
    oldPartialField As ScreenPartialField _
)
```

C#

```
public void Remove (
    ScreenPartialField oldPartialField
)
```

C++

```
public:
void Remove (
    ScreenPartialField^ oldPartialField
)
```

J#

```
public void Remove (
    ScreenPartialField oldPartialField
)
```

JScript

```
public function Remove (
    oldPartialField : ScreenPartialField
)
```

## Parameters

oldPartialField

The partial field to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection Properties

Public Properties

	Name	Description
	<a href="#">Item</a>	Overloaded. Retrieves the specified partial field from the collection.
	<a href="#">Length</a>	Gets the number of the Screen Partial Fields in the collection.

See Also

Reference





- [ScreenPartialFieldCollection Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Item Property

Retrieves the specified partial field from the collection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

Name	Description
 <a href="#">Item(Int32)</a>	Retrieves a partial field from the collection using the specified index.
 <a href="#">Item(ScreenPartialField)</a>	Retrieves a partial field from the collection using the specified partial field.
 <a href="#">Item(ScreenPosition)</a>	Retrieves a partial field from the collection using the specified position.
 <a href="#">Item(String)</a>	Retrieves a partial field from the collection using the specified search string.

See Also  
[ScreenPartialFieldCollection Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

**ScreenPartialFieldCollection.Item Property (Int32)**  
Retrieves a partial field from the collection using the specified index.

Syntax  
C#

```
public ScreenPartialField this[
    int index
] { get; }
```

C++

```
public:
property ScreenPartialField^ default[
    int index
] {
    ScreenPartialField^ get(int index);
}
```

F#

```
member Item :
    index:int -> ScreenPartialField with get
```

VB

```
Public ReadOnly Property Item (
    index As Integer
) As ScreenPartialField
```

**Parameters**  
*index*  
Type: [System.Int32](#)  
The index of the item to retrieve.

**Property Value**  
Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)  
The partial field to retrieve, or **null** if not found.

[Return to top](#)  
**ScreenPartialFieldCollection.Item Property (ScreenPartialField)**

Retrieves a partial field from the collection using the specified partial field.

Syntax

C#

```
public ScreenPartialField this[
    ScreenPartialField searchPartialField
] { get; }
```

C++

```
public:
property ScreenPartialField^ default[
    ScreenPartialField^ searchPartialField
] {
    ScreenPartialField^ get(ScreenPartialField^ searchPartialField);
}
```

F#

```
member Item :
    searchPartialField:ScreenPartialField -> ScreenPartialField with get
```

VB

```
Public ReadOnly Property Item (
    searchPartialField As ScreenPartialField
) As ScreenPartialField
```

#### Parameters

*searchPartialField*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The field to search for in the collection. May be null.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

If searchPartialField has no Data, a PartialField is returned if it contains the starting position of searchPartialField.

If searchPartialField contains data, then a PartialField is returned if it contains the data of the partial field at the appropriate location.

[Return to top](#)

#### ScreenPartialFieldCollection.Item Property (ScreenPosition)

Retrieves a partial field from the collection using the specified position.

Syntax

C#

```
public ScreenPartialField this[
    ScreenPosition position
] { get; }
```

C++

```
public:
property ScreenPartialField^ default[
    ScreenPosition^ position
] {
    ScreenPartialField^ get(ScreenPosition^ position);
}
```

F#

```
member Item :
    position:ScreenPosition -> ScreenPartialField with get
```



VB

```
Public ReadOnly Property Item (  
    position As ScreenPosition  
) As ScreenPartialField
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the field to retrieve.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The partial field located at the specified position.

[Return to top](#)

#### ScreenPartialFieldCollection.Item Property (String)

Retrieves a partial field from the collection using the specified search string.

Syntax

C#

```
public ScreenPartialField this[  
    string searchText  
] { get; }
```

C++

```
public:  
property ScreenPartialField^ default[  
    String^ searchText  
] {  
    ScreenPartialField^ get(String^ searchText);  
}
```

F#

```
member Item :  
    searchText:string -> ScreenPartialField with get
```

VB

```
Public ReadOnly Property Item (  
    searchText As String  
) As ScreenPartialField
```

#### Parameters

*searchText*

Type: [System.String](#)

The string to search on.

#### Property Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialField](#)

The first partial field in the collection that contains the specified string.

[Return to top](#)

# ScreenPartialFieldCollection.Item Property (Int32)

Retrieves a partial field from the collection using the specified index.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    index As Integer _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    int index
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [int] {
    ScreenPartialField^ get (int index);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (int index)
```

JScript

## Parameters

index

The index of the item to retrieve.

## Property Value

The partial field to retrieve, or **null** if not found.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Item Property (ScreenPartialField)

Retrieves a partial field from the collection using the specified partial field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    searchPartialField As ScreenPartialField _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    ScreenPartialField searchPartialField
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [ScreenPartialField^]{
    ScreenPartialField^ get (ScreenPartialField^ searchPartialField);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (ScreenPartialField searchPartialField)
```

JScript

## Parameters

searchPartialField

The field to search for in the collection. May be null.

## Property Value

If searchPartialField has no Data, a PartialField is returned if it contains the starting position of searchPartialField.

If searchPartialField contains data, then a PartialField is returned if it contains the data of the partial field at the appropriate location.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Item Property (ScreenPosition)

Retrieves a partial field from the collection using the specified position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    position As ScreenPosition _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    ScreenPosition position
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [ScreenPosition^] {
    ScreenPartialField^ get (ScreenPosition^ position);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (ScreenPosition position)
```

JScript

## Parameters

position

The position of the field to retrieve.

## Property Value

The partial field located at the specified position.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Item Property (String)

Retrieves a partial field from the collection using the specified search string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    searchText As String _
) As ScreenPartialField
```

C#

```
public ScreenPartialField this [
    string searchText
] { get; }
```

C++

```
public:
property ScreenPartialField^ default [String^] {
    ScreenPartialField^ get (String^ searchText);
}
```

J#

```
/** @property */
public ScreenPartialField get_Item (String searchText)
```

JScript

## Parameters

searchText

The string to search on.

## Property Value

The first partial field in the collection that contains the specified string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPartialFieldCollection.Length Property

Gets the number of the Screen Partial Fields in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Length As Integer
```

C#

```
public int Length { get; }
```

C++

```
public:
property int Length {
    int get ();
}
```

J#

```
/** @property */
public int get_Length ()
```

JScript

```
public function get Length () : int
```

## Property Value

The number of the Screen Partial Fields in the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPartialFieldCollection Class](#)

[ScreenPartialFieldCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition Class

Provides access to a position on the LU2 screen as a 1-based row and column position.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.SNA.Session.ScreenPosition**

Syntax  
C#

```
public class ScreenPosition
```

C++

```
public ref class ScreenPosition
```


F#

```
type ScreenPosition = class end
```



VB

```
Public Class ScreenPosition
```







Constructors

	Name	Description
	<a href="#">ScreenPosition(Int16, Int16)</a>	Creates a new instance of the <b>ScreenPosition</b> class.

Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the column of the position.
	<a href="#">Row</a>	Gets or sets the row of the position.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	Translates the current instance to a string value.(Overrides <a href="#">Object.ToString()</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# ScreenPosition Members

Provides access to a position on the LU2 screen as a 1-based row and column position.



The following tables list the members exposed by the [ScreenPosition](#) type.

Public Constructors

Name	Description
<a href="#">ScreenPosition</a>	Creates a new instance of the <a href="#">ScreenPosition</a> class.







[Top](#)

Public Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the column of the position.
	<a href="#">Row</a>	Gets or sets the row of the position.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string value.

[Top](#)

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

Reference

[ScreenPosition Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# ScreenPosition Constructor

Creates a new instance of the [ScreenPosition](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    row As Short, _
    column As Short _
)
```

C#

```
public ScreenPosition (
    short row,
    short column
)
```

C++

```
public:
ScreenPosition (
    short row,
    short column
)
```

J#

```
public ScreenPosition (
    short row,
    short column
)
```

JScript

```
public function ScreenPosition (
    row : short,
    column : short
)
```

## Parameters

row

The row position.

column

The column position.

## Remarks

The constructor assigns a 1-based row and column position. The parameter values are not checked at construction time, except to confirm that the values are inside the boundaries of the 3278/9 terminal.

## Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

## Reference







[ScreenPosition Class](#)

[ScreenPosition Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	Overridden. Translates the current instance to a string value.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ScreenPosition Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition.ToString Method

Translates the current instance to a string value.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance as a string value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[ScreenPosition Class](#)

[ScreenPosition Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition Properties

## Public Properties

	Name	Description
	<a href="#">Column</a>	Gets or sets the column of the position.
	<a href="#">Row</a>	Gets or sets the row of the position.

See Also

### Reference

[ScreenPosition Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition.Column Property

Gets or sets the column of the position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Column As Short
```

C#

```
public short Column { get; set; }
```

C++

```
public:
property short Column {
    short get ();
    void set (short value);
}
```

J#

```
/** @property */
public short get_Column ()

/** @property */
public void set_Column (short value)
```

JScript

```
public function get Column () : short

public function set Column (value : short)
```

## Property Value

The column of the position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPosition Class](#)

[ScreenPosition Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# ScreenPosition.Row Property

Gets or sets the row of the position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Row As Short
```

C#

```
public short Row { get; set; }
```

C++

```
public:
property short Row {
    short get ();
    void set (short value);
}
```

J#

```
/** @property */
public short get_Row ()

/** @property */
public void set_Row (short value)
```

JScript

```
public function get Row () : short

public function set Row (value : short)
```

## Property Value

The row of the position.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ScreenPosition Class](#)

[ScreenPosition Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection Class

SessionConnection is an abstract connection inherited by SessionConnectionLU0 and SessionConnectionDisplay.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionConnection**

[Microsoft.HostIntegration.SNA.Session.SessionConnectionDisplay](#)

[Microsoft.HostIntegration.SNA.Session.SessionConnectionLU0](#)

Syntax

C#

```
public class SessionConnection
```

C++

```
public ref class SessionConnection
```






F#

```
type SessionConnection = class end
```









VB

```
Public Class SessionConnection
```




















Properties

	Name	Description
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected.
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session.
	<a href="#">ServerName</a>	Gets or sets a value that contains the name of the server.



Methods

	Name	Description
	<a href="#">CreateSessionConnection()</a>	Creates a new session connection
	<a href="#">Dispose()</a>	Releases the resources used by SessionConnection.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Finalizes the session connection.(Overrides <a href="#">Object.Finalize()</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">InternalFinish()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Ends the session connection.
	<a href="#">InternalGetDestinationLogicalUnit()</a>	Gets the destination logical unit.



 <a href="#">InternalGetLUName()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the logical unit name.
 <a href="#">InternalGetServerName()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the session connection server name.
 <a href="#">InternalOffline()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection offline.
 <a href="#">InternalOnline()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection online.
 <a href="#">InternalSetCodePage(Int32)</a>	Sets the code page for the session connection display.
 <a href="#">InternalSetDestinationLogicalUnit(String)</a>	Sets the destination logical unit.
 <a href="#">InternalSetLUName(String)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the logical unit name.
 <a href="#">InternalSetServerName(String)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the server name for the session connection display.
 <a href="#">Load(FileInfo)</a>	Initializes a connection using the specified file information.
 <a href="#">Load(String)</a>	Initializes a connection string using the specified connection string.
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Offline()</a>	Disconnects the session between the Session Integrator Service and the connected host.
 <a href="#">Online()</a>	Reestablishes a disconnected session.
 <a href="#">ParseConnectionString(String)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Parses the connection string for the connection
 <a href="#">ReleaseSessionConnection()</a>	Releases the session connection.
 <a href="#">Save(FileInfo)</a>	Saves the session connection.
 <a href="#">SetRequiredTags(Object)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the required tags for the session connection display.
 <a href="#">ToString()</a>	Returns the current instance as a string.(Overrides <a href="#">Object.ToString()</a> .)
 <a href="#">UseParsedTags()</a>	Uses parsed tags for the session connection display.

#### Fields

	Name	Description
	<a href="#">_traceContainer</a>	
	<a href="#">_tracePoint</a>	

#### Remarks

SessionConnection initializes a connection object by loading the Filename and populating the class. It is used to provide basic functionality such as saving connection strings to disk, and reading them back in.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)






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# SessionConnection Members

SessionConnection is an abstract connection inherited by SessionConnectionLU0 and SessionConnectionDisplay.












The following tables list the members exposed by the [SessionConnection](#) type.

## Public Properties

	Name	Description
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected.
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session.
	<a href="#">ServerName</a>	Gets or sets a value that contains the name of the server.


















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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Releases the resources used by SessionConnection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Overloaded. Initializes a connection.
	<a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host.
	<a href="#">Online</a>	Reestablishes a disconnected session.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Save</a>	Saves the session connection.
	<a href="#">ToString</a>	Overridden. Returns the current instance as a string.

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## Protected Methods

	Name	Description
	<a href="#">CreateSessionConnection</a>	Creates a new session connection
	<a href="#">Finalize</a>	Overridden. Finalizes the session connection.
	<a href="#">InternalFinish</a>	Ends the session connection.
	<a href="#">InternalGetDestinationLogicalUnit</a>	Gets the destination logical unit.
	<a href="#">InternalGetLUName</a>	Gets the logical unit name.
	<a href="#">InternalGetServerName</a>	Gets the session connection server name.
	<a href="#">InternalOffline</a>	Sets the connection offline.
	<a href="#">InternalOnline</a>	Sets the connection online.
	<a href="#">InternalSetCodePage</a>	Sets the code page for the session connection display.
	<a href="#">InternalSetDestinationLogicalUnit</a>	Sets the destination logical unit.
	<a href="#">InternalSetLUName</a>	Sets the logical unit name.
	<a href="#">InternalSetServerName</a>	Sets the server name for the session connection display.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ParseConnectionString</a>	Parses the connection string for the connection
	<a href="#">ReleaseSessionConnection</a>	Releases the session connection.
	<a href="#">SetRequiredTags</a>	Sets the required tags for the session connection display.
	<a href="#">UseParsedTags</a>	Uses parsed tags for the session connection display.

[Top](#)

See Also












## Reference

[SessionConnection Class](#)


















[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Releases the resources used by SessionConnection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Overloaded. Initializes a connection.
	<a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host.
	<a href="#">Online</a>	Reestablishes a disconnected session.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Save</a>	Saves the session connection.
	<a href="#">ToString</a>	Overridden. Returns the current instance as a string.

Protected Methods

	Name	Description
	<a href="#">CreateSessionConnection</a>	Creates a new session connection
	<a href="#">Finalize</a>	Overridden. Finalizes the session connection.
	<a href="#">InternalFinish</a>	Ends the session connection.
	<a href="#">InternalGetDestinationLogicalUnit</a>	Gets the destination logical unit.
	<a href="#">InternalGetLUName</a>	Gets the logical unit name.
	<a href="#">InternalGetServerName</a>	Gets the session connection server name.
	<a href="#">InternalOffline</a>	Sets the connection offline.
	<a href="#">InternalOnline</a>	Sets the connection online.
	<a href="#">InternalSetCodePage</a>	Sets the code page for the session connection display.
	<a href="#">InternalSetDestinationLogicalUnit</a>	Sets the destination logical unit.
	<a href="#">InternalSetLUName</a>	Sets the logical unit name.
	<a href="#">InternalSetServerName</a>	Sets the server name for the session connection display.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ParseConnectionString</a>	Parses the connection string for the connection
	<a href="#">ReleaseSessionConnection</a>	Releases the session connection.
	<a href="#">SetRequiredTags</a>	Sets the required tags for the session connection display.
	<a href="#">UseParsedTags</a>	Uses parsed tags for the session connection display.

See Also

## Reference

[SessionConnection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.CreateSessionConnection Method

Creates a new session connection

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overridable Sub CreateSessionConnection
```

C#

```
protected virtual void CreateSessionConnection ()
```

C++

```
protected:  
virtual void CreateSessionConnection ()
```

J#

```
protected void CreateSessionConnection ()
```

JScript

```
protected function CreateSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.Dispose Method

Releases the resources used by SessionConnection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:
void Dispose ()
```

J#

```
public void Dispose ()
```

JScript

```
public function Dispose ()
```

Remarks

Call Dispose when you are finished using the SessionConnection. Dispose leaves the SessionConnection in an unusable state. After calling Dispose, you must release all references to the SessionConnection so the garbage collector can reclaim the memory that the SessionConnection was occupying.

## Note

Always call Dispose before you release your last reference to the SessionConnection. Otherwise, the resources it is using will not be freed until the garbage collector calls SessionConnection.Finalize.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.Finalize Method

This method supports the infrastructure and is not intended to be used directly from your code.

Finalizes the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub Finalize
```

C#

```
~SessionConnection()
```

C++

```
!SessionConnection ()
```

J#

```
protected void finalize ()
```

JScript

```
protected override function Finalize ()
```

Remarks

This method overrides System.Object.Finalize. Application code should not call this method; an object's Finalize method is automatically invoked during garbage collection, unless finalization by the garbage collector has been disabled by a call to the System.GC.SuppressFinalize method.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalFinish Method

This method supports the infrastructure and is not intended to be used directly from your code.

Ends the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overridable Sub InternalFinish
```

C#

```
protected virtual void InternalFinish ()
```

C++

```
protected:  
virtual void InternalFinish ()
```

J#

```
protected void InternalFinish ()
```

JScript

```
protected function InternalFinish ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalGetDestinationLogicalUnit Method

Gets the destination logical unit.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overridable Function InternalGetDestinationLogicalUnit As String
```

C#

```
protected virtual string InternalGetDestinationLogicalUnit ()
```

C++

```
protected:  
virtual String^ InternalGetDestinationLogicalUnit ()
```

J#

```
protected String InternalGetDestinationLogicalUnit ()
```

JScript

```
protected function InternalGetDestinationLogicalUnit () : String
```

## Return Value

The destination logical unit.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnection.InternalGetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function InternalGetLUName As String
```

C#

```
protected virtual string InternalGetLUName ()
```

C++

```
protected:
virtual String^ InternalGetLUName ()
```

J#

```
protected String InternalGetLUName ()
```

JScript

```
protected function InternalGetLUName () : String
```

## Return Value

The logical unit name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalGetServerName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the session connection server name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function InternalGetServerName As String
```

C#

```
protected virtual string InternalGetServerName ()
```

C++

```
protected:
virtual String^ InternalGetServerName ()
```

J#

```
protected String InternalGetServerName ()
```

JScript

```
protected function InternalGetServerName () : String
```

## Return Value

The session connection server name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalOffline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection offline.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalOffline
```

C#

```
protected virtual void InternalOffline ()
```

C++

```
protected:
virtual void InternalOffline ()
```

J#

```
protected void InternalOffline ()
```

JScript

```
protected function InternalOffline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalOnline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection online.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalOnline
```

C#

```
protected virtual void InternalOnline ()
```

C++

```
protected:
virtual void InternalOnline ()
```

J#

```
protected void InternalOnline ()
```

JScript

```
protected function InternalOnline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalSetCodePage Method

Sets the code page for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalSetCodePage ( _
    codePage As Integer _
)
```

C#

```
protected virtual void InternalSetCodePage (
    int codePage
)
```

C++

```
protected:
virtual void InternalSetCodePage (
    int codePage
)
```

J#

```
protected void InternalSetCodePage (
    int codePage
)
```

JScript

```
protected function InternalSetCodePage (
    codePage : int
)
```

## Parameters

codePage

The code page.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalSetDestinationLogicalUnit Method

Sets the destination logical unit.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalSetDestinationLogicalUnit ( _
    destinationLogicalUnitName As String _
)
```

C#

```
protected virtual void InternalSetDestinationLogicalUnit (
    string destinationLogicalUnitName
)
```

C++

```
protected:
virtual void InternalSetDestinationLogicalUnit (
    String^ destinationLogicalUnitName
)
```

J#

```
protected void InternalSetDestinationLogicalUnit (
    String destinationLogicalUnitName
)
```

JScript

```
protected function InternalSetDestinationLogicalUnit (
    destinationLogicalUnitName : String
)
```

## Parameters

destinationLogicalUnitName

The destination logical unit.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalSetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalSetLUName ( _
    luName As String _
)
```

C#

```
protected virtual void InternalSetLUName (
    string luName
)
```

C++

```
protected:
virtual void InternalSetLUName (
    String^ luName
)
```

J#

```
protected void InternalSetLUName (
    String luName
)
```

JScript

```
protected function InternalSetLUName (
    luName : String
)
```

## Parameters

luName

The logical unit name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.InternalSetServerName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the server name for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub InternalSetServerName ( _
    serverName As String _
)
```

C#

```
protected virtual void InternalSetServerName (
    string serverName
)
```

C++

```
protected:
virtual void InternalSetServerName (
    String^ serverName
)
```

J#

```
protected void InternalSetServerName (
    String serverName
)
```

JScript

```
protected function InternalSetServerName (
    serverName : String
)
```

## Parameters

serverName

The server name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# SessionConnection.Load Method

Initializes a connection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">Load(FileInfo)</a>	Initializes a connection using the specified file information.
 <a href="#">Load(String)</a>	Initializes a connection string using the specified connection string.

See Also

[SessionConnection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### SessionConnection.Load Method (FileInfo)

Initializes a connection using the specified file information.

Syntax

C#

```
public void Load(  
    FileInfo fileInfo  
)
```

C++

```
public:  
void Load(  
    FileInfo^ fileInfo  
)
```

F#

```
member Load :  
    fileInfo:FileInfo -> unit
```

VB

```
Public Sub Load (  
    fileInfo As FileInfo  
)
```

### Parameters

*fileInfo*

Type: [System.IO.FileInfo](#)

The file information to initialize the connection with.

[Return to top](#)

### SessionConnection.Load Method (String)

Initializes a connection string using the specified connection string.

Syntax

C#

```
public void Load(  
    string connectionString  
)
```

C++

```
public:
void Load(
    String^ connectionString
)
```

F#

```
member Load :
    connectionString:string -> unit
```

VB

```
Public Sub Load (
    connectionString As String
)
```

#### Parameters

*connectionString*

Type: [System.String](#)

The connection string to initialize the connection with.

[Return to top](#)

# SessionConnection.Load Method (FileInfo)

Initializes a connection using the specified file information.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Load ( _
    fileInfo As FileInfo _
)
```

C#

```
public void Load (
    FileInfo fileInfo
)
```

C++

```
public:
void Load (
    FileInfo^ fileInfo
)
```

J#

```
public void Load (
    FileInfo fileInfo
)
```

JScript

```
public function Load (
    fileInfo : FileInfo
)
```

## Parameters

fileInfo

The file information to initialize the connection with.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.Load Method (String)

Initializes a connection string using the specified connection string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Load ( _
    connectionString As String _
)
```

C#

```
public void Load (
    string connectionString
)
```

C++

```
public:
void Load (
    String^ connectionString
)
```

J#

```
public void Load (
    String connectionString
)
```

JScript

```
public function Load (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to initialize the connection with.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.Offline Method

Disconnects the session between the Session Integrator Service and the connected host.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Offline
```

C#

```
public void Offline ()
```

C++

```
public:  
void Offline ()
```

J#

```
public void Offline ()
```

JScript

```
public function Offline ()
```

Remarks

By calling Offline, any sessions using the connection will no longer be able to exchange data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.Online Method

Reestablishes a disconnected session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Online
```

C#

```
public void Online ()
```

C++

```
public:  
void Online ()
```

J#

```
public void Online ()
```

JScript

```
public function Online ()
```

Remarks

Online attempts to reestablish a connection that was disconnected using Offline.

Online attempts to acquire the same connection used prior to calling Offline.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.ParseConnectionString Method

This method supports the infrastructure and is not intended to be used directly from your code.

Parses the connection string for the connection

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub ParseConnectionString ( _
    connectionString As String _
)
```

C#

```
protected void ParseConnectionString (
    string connectionString
)
```

C++

```
protected:
void ParseConnectionString (
    String^ connectionString
)
```

J#

```
protected void ParseConnectionString (
    String connectionString
)
```

JScript

```
protected function ParseConnectionString (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to be parsed.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.ReleaseSessionConnection Method

Releases the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub ReleaseSessionConnection
```

C#

```
protected virtual void ReleaseSessionConnection ()
```

C++

```
protected:
virtual void ReleaseSessionConnection ()
```

J#

```
protected void ReleaseSessionConnection ()
```

JScript

```
protected function ReleaseSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnection.Save Method

Saves the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Save ( _
    fileInfo As FileInfo _
)
```

C#

```
public void Save (
    FileInfo fileInfo
)
```

C++

```
public:
void Save (
    FileInfo^ fileInfo
)
```

J#

```
public void Save (
    FileInfo fileInfo
)
```

JScript

```
public function Save (
    fileInfo : FileInfo
)
```

## Parameters

fileInfo

Path description of the file to save the session information to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.SetRequiredTags Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the required tags for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub SetRequiredTags ( _
    value As Object _
)
```

C#

```
protected virtual void SetRequiredTags (
    Object value
)
```

C++

```
protected:
virtual void SetRequiredTags (
    Object^ value
)
```

J#

```
protected void SetRequiredTags (
    Object value
)
```

JScript

```
protected function SetRequiredTags (
    value : Object
)
```

## Parameters

value

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.ToString Method

Returns the current instance as a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance as a string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.UseParsedTags Method

Uses parsed tags for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub UseParsedTags
```

C#

```
protected virtual void UseParsedTags ()
```

C++

```
protected:
virtual void UseParsedTags ()
```

J#

```
protected void UseParsedTags ()
```

JScript

```
protected function UseParsedTags ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**






[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection Properties

## Public Properties

	Name	Description
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected.
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session.
	<a href="#">ServerName</a>	Gets or sets a value that contains the name of the server.

See Also

### Reference

[SessionConnection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.DestinationLogicalUnitName Property

Gets or sets the Logical Unit name of the destination.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DestinationLogicalUnitName As String
```

C#

```
public string DestinationLogicalUnitName { get; set; }
```

C++

```
public:
property String^ DestinationLogicalUnitName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DestinationLogicalUnitName ()

/** @property */
public void set_DestinationLogicalUnitName (String value)
```

JScript

```
public function get DestinationLogicalUnitName () : String

public function set DestinationLogicalUnitName (value : String)
```

## Property Value

The destination Logical Unit name.

Remarks

Read only in 3270 and only available after connecting to the host. Settable in LU0.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.HostCodePage Property

Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property HostCodePage As Integer
```

C#

```
public int HostCodePage { get; set; }
```

C++

```
public:
property int HostCodePage {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_HostCodePage ()

/** @property */
public void set_HostCodePage (int value)
```

JScript

```
public function get HostCodePage () : int

public function set HostCodePage (value : int)
```

## Property Value

The type of host code page.

Remarks

The CCSID must match the data as represented on the remote host computer.

HostCodePage is accessible at any time during a normal connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.IsConnected Property

Gets a value that determines if the session is connected.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsConnected As Boolean
```

C#

```
public bool IsConnected { get; }
```

C++

```
public:
property bool IsConnected {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_IsConnected ()
```

JScript

```
public function get IsConnected () : boolean
```

## Property Value

**True** if the session is connected; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnection.LogicalUnitName Property

Gets or sets a value that contains the name of the logical unit or pool name for the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LogicalUnitName As String
```

C#

```
public string LogicalUnitName { get; set; }
```

C++

```
public:
property String^ LogicalUnitName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LogicalUnitName ()

/** @property */
public void set_LogicalUnitName (String value)
```

JScript

```
public function get LogicalUnitName () : String

public function set LogicalUnitName (value : String)
```

## Property Value

The name of the LU. May be **null**.

Remarks

For LU2, LogicalUnitName contains the name of the connected LogicalUnit on the Host and is read only.

If LogicalUnitName is null, the underlying architecture will pick the first available LU and use that in the connection. Once connected, LogicalUnitName contains the name of the LU used to connect.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnection.ServerName Property

Gets or sets a value that contains the name of the server.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ServerName As String
```

C#

```
public string ServerName { get; set; }
```

C++

```
public:
property String^ ServerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ServerName ()

/** @property */
public void set_ServerName (String value)
```

JScript

```
public function get ServerName () : String

public function set ServerName (value : String)
```

## Property Value

The name of the server.

Remarks

Only settable in TN 3270, not in LU0 and not in SNA 3270.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnection Class](#)

[SessionConnection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay Class

Provides the connection interface for the session display.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.SNA.Session.SessionConnection](#)

**Microsoft.HostIntegration.SNA.Session.SessionConnectionDisplay**

Syntax

C#

```
public class SessionConnectionDisplay : SessionConnection
```

C++

```
public ref class SessionConnectionDisplay : SessionConnection
```



F#

```
type SessionConnectionDisplay =  
    class  
        inherit SessionConnection  
    end
```











VB




```
Public Class SessionConnectionDisplay  
    Inherits SessionConnection
```

Constructors


















Name	Description
 <a href="#">SessionConnectionDisplay()</a>	Creates a new instance of the <b>SessionConnectionDisplay</b> class.
 <a href="#">SessionConnectionDisplay(String)</a>	Creates a new instance of the <b>SessionConnectionDisplay</b> class using the specified connection string.











Properties

Name	Description
 <a href="#">CertificateCheck</a>	Gets or sets the certificate check for the session connection display.
 <a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">DeviceType</a>	Gets or sets the device type.
 <a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">Implementation</a>	
 <a href="#">InvalidCharacterSupport</a>	
 <a href="#">IsConnected</a>	Gets a value that determines if the session is connected.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">Security</a>	Gets or sets the TNsecurity for the session connection display.
 <a href="#">ServerName</a>	Gets or sets a value that contains the name of the server.(Inherited from <a href="#">SessionConnection</a> .)



 <b>TN3270Port</b>	Gets or sets the number of the TN3270 port.
 <b>TN3270Server</b>	Gets or sets a value containing the name of the TN3270 server to service the session.
 <b>Transport</b>	Gets or sets a value that contains the session display transport used to establish the session.

#### Methods

<b>Name</b>	<b>Description</b>
 <b>CreateSessionConnection()</b>	Creates a new session connection.(Overrides <a href="#">SessionConnection.CreateSessionConnection()</a> .)
 <b>Dispose()</b>	Releases the resources used by SessionConnection.(Inherited from <a href="#">SessionConnection</a> .)
 <b>Equals(Object)</b>	(Inherited from <a href="#">Object</a> .)
 <b>Finalize()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Finalizes the session connection.(Inherited from <a href="#">SessionConnection</a> .)
 <b>GetHashCode()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetType()</b>	(Inherited from <a href="#">Object</a> .)
 <b>InternalFinish()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Ends the session connection.(Overrides <a href="#">SessionConnection.InternalFinish()</a> .)
 <b>InternalGetDestinationLogicalUnit()</b>	Gets the destination logical unit.(Overrides <a href="#">SessionConnection.InternalGetDestinationLogicalUnit()</a> .)
 <b>InternalGetLUName()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the logical unit name.(Overrides <a href="#">SessionConnection.InternalGetLUName()</a> .)
 <b>InternalGetServerName()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the session connection server name.(Overrides <a href="#">SessionConnection.InternalGetServerName()</a> .)
 <b>InternalOffline()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection offline.(Overrides <a href="#">SessionConnection.InternalOffline()</a> .)
 <b>InternalOnline()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection online.(Overrides <a href="#">SessionConnection.InternalOnline()</a> .)
 <b>InternalSetCodePage(Int32)</b>	Sets the code page for the session connection display.(Overrides <a href="#">SessionConnection.InternalSetCodePage(Int32)</a> .)
 <b>InternalSetDestinationLogicalUnit(String)</b>	Sets the destination logical unit.(Overrides <a href="#">SessionConnection.InternalSetDestinationLogicalUnit(String)</a> .)
 <b>InternalSetLUName(String)</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the logical unit name.(Overrides <a href="#">SessionConnection.InternalSetLUName(String)</a> .)
 <b>InternalSetServerName(String)</b>	Sets the server name for the session connection display.(Overrides <a href="#">SessionConnection.InternalSetServerName(String)</a> .)
 <b>Load(FileInfo)</b>	Initializes a connection using the specified file information.(Inherited from <a href="#">SessionConnection</a> .)

 <a href="#">Load(String)</a>	Initializes a connection string using the specified connection string.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Offline()</a>	Disconnects the session between the Session Integrator Service and the connected host.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">Online()</a>	Reestablishes a disconnected session.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">ParseConnectionString(String)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Parses the connection string for the connection(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">ReleaseSessionConnection()</a>	Releases the session connection.(Overrides <a href="#">SessionConnection.ReleaseSessionConnection()</a> .)
 <a href="#">Save(FileInfo)</a>	Saves the session connection.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">SetRequiredTags(Object)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the required tags for the session connection display.(Overrides <a href="#">SessionConnection.SetRequiredTags(Object)</a> .)
 <a href="#">ToString()</a>	Returns the current instance as a string.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">UseParsedTags()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Uses parsed tags for the session connection display.(Overrides <a href="#">SessionConnection.UseParsedTags()</a> .)

#### Fields

Name	Description
 <a href="#">_traceContainer</a>	(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">_tracePoint</a>	(Inherited from <a href="#">SessionConnection</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionConnectionDisplay Members

Provides the connection interface for the session display.












The following tables list the members exposed by the [SessionConnectionDisplay](#) type.

## Public Constructors

Name	Description
<a href="#">SessionConnectionDisplay</a>	Overloaded. Creates a new instance of the <a href="#">SessionConnectionDisplay</a> class.











## Top

## Public Properties

Name	Description
 <a href="#">CertificateCheck</a>	Gets or sets the certificate check for the session connection display.
 <a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">DeviceType</a>	Gets or sets the device type.
 <a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">IsConnected</a>	Gets a value that determines if the session is connected. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Security</a>	Gets or sets the TNsecurity for the session connection display.
 <a href="#">ServerName</a>	Gets or sets a value that contains the name of the server. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">TN3270Port</a>	Gets or sets the number of the TN3270 port.
 <a href="#">TN3270Server</a>	Gets or sets a value containing the name of the TN3270 server to service the session.
 <a href="#">Transport</a>	Gets or sets a value that contains the session display transport used to establish the session.












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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Releases the resources used by SessionConnection. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Load</a>	Overloaded. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Online</a>	Reestablishes a disconnected session. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Save</a>	(inherited from <a href="#">SessionConnection</a> )
 <a href="#">ToString</a>	Returns the current instance as a string. (inherited from <a href="#">SessionConnection</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">CreateSessionConnection</a>	Overridden. Creates a new session connection
 <a href="#">Finalize</a>	Finalizes the session connection. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">InternalFinish</a>	Overridden. Ends the session connection.
 <a href="#">InternalGetDestinationLogicalUnit</a>	Overridden. Gets the destination logical unit.
 <a href="#">InternalGetLUName</a>	Overridden. Gets the logical unit name.
 <a href="#">InternalGetServerName</a>	Overridden. Gets the session connection server name.
 <a href="#">InternalOffline</a>	Overridden. Sets the connection offline.
 <a href="#">InternalOnline</a>	Overridden. Sets the connection online.
 <a href="#">InternalSetCodePage</a>	Overridden. Sets the code page for the session connection display.
 <a href="#">InternalSetDestinationLogicalUnit</a>	Overridden. Sets the destination logical unit.
 <a href="#">InternalSetLUName</a>	Overridden. Sets the logical unit name.

 <a href="#">InternalSetServerName</a>	Overridden. Sets the server name for the session connection display.
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ParseConnectionString</a>	(inherited from <a href="#">SessionConnection</a> )
 <a href="#">ReleaseSessionConnection</a>	Overridden. Releases the session connection.
 <a href="#">SetRequiredTags</a>	Overridden. Sets the required tags for the session connection display.
 <a href="#">UseParsedTags</a>	Overridden. Uses parsed tags for the session connection display.

[Top](#)

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionDisplay Constructor

Creates a new instance of the [SessionConnectionDisplay](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">SessionConnectionDisplay()</a>	Creates a new instance of the <a href="#">SessionConnectionDisplay</a> class.
 <a href="#">SessionConnectionDisplay(String)</a>	Creates a new instance of the <a href="#">SessionConnectionDisplay</a> class using the specified connection string.

See Also

[SessionConnectionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## SessionConnectionDisplay Constructor ()

Creates a new instance of the [SessionConnectionDisplay](#) class.

Syntax

C#

```
public SessionConnectionDisplay()
```

C++

```
public:  
SessionConnectionDisplay()
```

F#

```
new : unit -> SessionConnectionDisplay
```

VB

```
Public Sub New
```

[Return to top](#)

## SessionConnectionDisplay Constructor (String)

Creates a new instance of the [SessionConnectionDisplay](#) class using the specified connection string.

Syntax

C#

```
public SessionConnectionDisplay(  
    string connectionString  
)
```

C++

```
public:  
SessionConnectionDisplay(  
    String^ connectionString  
)
```

F#

```
new :  
    connectionString:string -> SessionConnectionDisplay
```



VB

```
Public Sub New (  
    connectionString As String  
)
```

**Parameters**

*connectionString*

Type: [System.String](#)

The connection string that connects to the session.

[Return to top](#)

# SessionConnectionDisplay Constructor ()

Creates a new instance of the [SessionConnectionDisplay](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public SessionConnectionDisplay ()
```

C++

```
public:  
SessionConnectionDisplay ()
```

J#

```
public SessionConnectionDisplay ()
```

JScript

```
public function SessionConnectionDisplay ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay Constructor (String)

Creates a new instance of the [SessionConnectionDisplay](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public SessionConnectionDisplay (
    string connectionString
)
```

C++

```
public:
    SessionConnectionDisplay (
        String^ connectionString
    )
```

J#

```
public SessionConnectionDisplay (
    String connectionString
)
```

JScript

```
public function SessionConnectionDisplay (
    connectionString : String
)
```

## Parameters

connectionString

The connection string that connects to the session.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Releases the resources used by SessionConnection. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Overloaded. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Online</a>	Reestablishes a disconnected session. (inherited from <a href="#">SessionConnection</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Save</a>	(inherited from <a href="#">SessionConnection</a> )
	<a href="#">ToString</a>	Returns the current instance as a string. (inherited from <a href="#">SessionConnection</a> )

Protected Methods

	Name	Description
	<a href="#">CreateSessionConnection</a>	Overridden. Creates a new session connection
	<a href="#">Finalize</a>	Finalizes the session connection. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">InternalFinish</a>	Overridden. Ends the session connection.
	<a href="#">InternalGetDestinationLogicalUnit</a>	Overridden. Gets the destination logical unit.
	<a href="#">InternalGetLUName</a>	Overridden. Gets the logical unit name.
	<a href="#">InternalGetServerName</a>	Overridden. Gets the session connection server name.
	<a href="#">InternalOffline</a>	Overridden. Sets the connection offline.
	<a href="#">InternalOnline</a>	Overridden. Sets the connection online.
	<a href="#">InternalSetCodePage</a>	Overridden. Sets the code page for the session connection display.
	<a href="#">InternalSetDestinationLogicalUnit</a>	Overridden. Sets the destination logical unit.
	<a href="#">InternalSetLUName</a>	Overridden. Sets the logical unit name.
	<a href="#">InternalSetServerName</a>	Overridden. Sets the server name for the session connection display.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ParseConnectionString</a>	(inherited from <a href="#">SessionConnection</a> )
	<a href="#">ReleaseSessionConnection</a>	Overridden. Releases the session connection.
	<a href="#">SetRequiredTags</a>	Overridden. Sets the required tags for the session connection display.
	<a href="#">UseParsedTags</a>	Overridden. Uses parsed tags for the session connection display.

See Also

## Reference

[SessionConnectionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionDisplay.CreateSessionConnection Method

Creates a new session connection

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub CreateSessionConnection
```

C#

```
protected override void CreateSessionConnection ()
```

C++

```
protected:
virtual void CreateSessionConnection () override
```

J#

```
protected void CreateSessionConnection ()
```

JScript

```
protected override function CreateSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalFinish Method

This method supports the infrastructure and is not intended to be used directly from your code.

Ends the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub InternalFinish
```

C#

```
protected override void InternalFinish ()
```

C++

```
protected:  
virtual void InternalFinish () override
```

J#

```
protected void InternalFinish ()
```

JScript

```
protected override function InternalFinish ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalGetDestinationLogicalUnit Method

Gets the destination logical unit.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetDestinationLogicalUnit As String
```

C#

```
protected override string InternalGetDestinationLogicalUnit ()
```

C++

```
protected:
virtual String^ InternalGetDestinationLogicalUnit () override
```

J#

```
protected String InternalGetDestinationLogicalUnit ()
```

JScript

```
protected override function InternalGetDestinationLogicalUnit () : String
```

## Return Value

The destination logical unit.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionDisplay.InternalGetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetLUName As String
```

C#

```
protected override string InternalGetLUName ()
```

C++

```
protected:
virtual String^ InternalGetLUName () override
```

J#

```
protected String InternalGetLUName ()
```

JScript

```
protected override function InternalGetLUName () : String
```

## Return Value

The logical unit name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalGetServerName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the session connection server name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetServerName As String
```

C#

```
protected override string InternalGetServerName ()
```

C++

```
protected:
virtual String^ InternalGetServerName () override
```

J#

```
protected String InternalGetServerName ()
```

JScript

```
protected override function InternalGetServerName () : String
```

## Return Value

The session connection server name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalOffline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection offline.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalOffline
```

C#

```
protected override void InternalOffline ()
```

C++

```
protected:
virtual void InternalOffline () override
```

J#

```
protected void InternalOffline ()
```

JScript

```
protected override function InternalOffline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalOnline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection online.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalOnline
```

C#

```
protected override void InternalOnline ()
```

C++

```
protected:
virtual void InternalOnline () override
```

J#

```
protected void InternalOnline ()
```

JScript

```
protected override function InternalOnline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalSetCodePage Method

Sets the code page for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetCodePage ( _
    codePage As Integer _
)
```

C#

```
protected override void InternalSetCodePage (
    int codePage
)
```

C++

```
protected:
virtual void InternalSetCodePage (
    int codePage
) override
```

J#

```
protected void InternalSetCodePage (
    int codePage
)
```

JScript

```
protected override function InternalSetCodePage (
    codePage : int
)
```

## Parameters

codePage

The code page.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalSetDestinationLogicalUnit Method

Sets the destination logical unit.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetDestinationLogicalUnit ( _
    destinationLogicalUnitName As String _
)
```

C#

```
protected override void InternalSetDestinationLogicalUnit (
    string destinationLogicalUnitName
)
```

C++

```
protected:
virtual void InternalSetDestinationLogicalUnit (
    String^ destinationLogicalUnitName
) override
```

J#

```
protected void InternalSetDestinationLogicalUnit (
    String destinationLogicalUnitName
)
```

JScript

```
protected override function InternalSetDestinationLogicalUnit (
    destinationLogicalUnitName : String
)
```

## Parameters

destinationLogicalUnitName

The destination logical unit.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalSetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetLUName ( _
    luName As String _
)
```

C#

```
protected override void InternalSetLUName (
    string luName
)
```

C++

```
protected:
virtual void InternalSetLUName (
    String^ luName
) override
```

J#

```
protected void InternalSetLUName (
    String luName
)
```

JScript

```
protected override function InternalSetLUName (
    luName : String
)
```

## Parameters

luName

The logical unit name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.InternalSetServerName Method

Sets the server name for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetServerName ( _
    serverName As String _
)
```

C#

```
protected override void InternalSetServerName (
    string serverName
)
```

C++

```
protected:
virtual void InternalSetServerName (
    String^ serverName
) override
```

J#

```
protected void InternalSetServerName (
    String serverName
)
```

JScript

```
protected override function InternalSetServerName (
    serverName : String
)
```

## Parameters

serverName

The server name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionDisplay.ReleaseSessionConnection Method

Releases the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub ReleaseSessionConnection
```

C#

```
protected override void ReleaseSessionConnection ()
```

C++

```
protected:  
virtual void ReleaseSessionConnection () override
```

J#

```
protected void ReleaseSessionConnection ()
```

JScript

```
protected override function ReleaseSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.SetRequiredTags Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the required tags for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub SetRequiredTags ( _
    value As Object _
)
```

C#

```
protected override void SetRequiredTags (
    Object value
)
```

C++

```
protected:
virtual void SetRequiredTags (
    Object^ value
) override
```

J#

```
protected void SetRequiredTags (
    Object value
)
```

JScript

```
protected override function SetRequiredTags (
    value : Object
)
```

## Parameters

value

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.UseParsedTags Method

This method supports the infrastructure and is not intended to be used directly from your code.

Uses parsed tags for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub UseParsedTags
```

C#

```
protected override void UseParsedTags ()
```

C++

```
protected:
virtual void UseParsedTags () override
```

J#

```
protected void UseParsedTags ()
```

JScript

```
protected override function UseParsedTags ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**












[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay Properties

## Public Properties

	Name	Description
	<a href="#">CertificateCheck</a>	Gets or sets the certificate check for the session connection display.
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">DeviceType</a>	Gets or sets the device type.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Security</a>	Gets or sets the TNsecurity for the session connection display.
	<a href="#">ServerName</a>	Gets or sets a value that contains the name of the server. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">TN3270Port</a>	Gets or sets the number of the TN3270 port.
	<a href="#">TN3270Server</a>	Gets or sets a value containing the name of the TN3270 server to service the session.
	<a href="#">Transport</a>	Gets or sets a value that contains the session display transport used to establish the session.

See Also

### Reference

[SessionConnectionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.CertificateCheck Property

Gets or sets the certificate check for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CertificateCheck As TNCertificateCheck
```

C#

```
public TNCertificateCheck CertificateCheck { get; set; }
```

C++

```
public:
property TNCertificateCheck CertificateCheck {
    TNCertificateCheck get ();
    void set (TNCertificateCheck value);
}
```

J#

```
/** @property */
public TNCertificateCheck get_CertificateCheck ()

/** @property */
public void set_CertificateCheck (TNCertificateCheck value)
```

JScript

```
public function get CertificateCheck () : TNCertificateCheck

public function set CertificateCheck (value : TNCertificateCheck)
```

## Property Value

The certificate check.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.DeviceType Property

Gets or sets the device type.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DeviceType As TNDeviceType
```

C#

```
public TNDeviceType DeviceType { get; set; }
```

C++

```
public:
property TNDeviceType DeviceType {
    TNDeviceType get ();
    void set (TNDeviceType value);
}
```

J#

```
/** @property */
public TNDeviceType get_DeviceType ()

/** @property */
public void set_DeviceType (TNDeviceType value)
```

JScript

```
public function get DeviceType () : TNDeviceType

public function set DeviceType (value : TNDeviceType)
```

## Property Value

The device type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.Security Property

Gets or sets the TNSecurity for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Security As TNSecurity
```

C#

```
public TNSecurity Security { get; set; }
```

C++

```
public:
property TNSecurity Security {
    TNSecurity get ();
    void set (TNSecurity value);
}
```

J#

```
/** @property */
public TNSecurity get_Security ()

/** @property */
public void set_Security (TNSecurity value)
```

JScript

```
public function get Security () : TNSecurity

public function set Security (value : TNSecurity)
```

## Property Value

The TNSecurity.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.TN3270Port Property

Gets or sets the number of the TN3270 port.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TN3270Port As Integer
```

C#

```
public int TN3270Port { get; set; }
```

C++

```
public:
property int TN3270Port {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_TN3270Port ()

/** @property */
public void set_TN3270Port (int value)
```

JScript

```
public function get TN3270Port () : int

public function set TN3270Port (value : int)
```

## Property Value

The TN3270 port number.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionDisplay.TN3270Server Property

Gets or sets a value containing the name of the TN3270 server to service the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TN3270Server As String
```

C#

```
public string TN3270Server { get; set; }
```

C++

```
public:
property String^ TN3270Server {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TN3270Server ()

/** @property */
public void set_TN3270Server (String value)
```

JScript

```
public function get TN3270Server () : String

public function set TN3270Server (value : String)
```

## Property Value

Once you establish the session, TN3270Server becomes read-only.

You may enter the server name in the following formats:

1. dotted IP Address:Port Number
2. Hostname : Port Number
3. Hostname with domain suffix : Port Number

For example, if the TN3270 server to connect to is called MYSERVER with an IP Address of 169.172.1.1 listening on port 23 for TN traffic, the following strings should all connect properly:

- MYSERVER
- MYSERVER:23
- 169.172.1.1
- 169.172.1.1:23

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionDisplay.Transport Property

Gets or sets a value that contains the session display transport used to establish the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Transport As SessionDisplayTransport
```

C#

```
public SessionDisplayTransport Transport { get; set; }
```

C++

```
public:
property SessionDisplayTransport Transport {
    SessionDisplayTransport get ();
    void set (SessionDisplayTransport value);
}
```

J#

```
/** @property */
public SessionDisplayTransport get_Transport ()

/** @property */
public void set_Transport (SessionDisplayTransport value)
```

JScript

```
public function get Transport () : SessionDisplayTransport

public function set Transport (value : SessionDisplayTransport)
```

## Property Value

The session display transport used to establish the session.

Remarks

Once you establish the session, Transport becomes read-only.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionDisplay Class](#)

[SessionConnectionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0 Class

Connects to a LU0 session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

[Microsoft.HostIntegration.SNA.Session.SessionConnection](#)

**Microsoft.HostIntegration.SNA.Session.SessionConnectionLU0**

Syntax

C#

```
public class SessionConnectionLU0 : SessionConnection
```

C++

```
public ref class SessionConnectionLU0 : SessionConnection
```



F#

```
type SessionConnectionLU0 =  
    class  
        inherit SessionConnection  
    end
```










VB




```
Public Class SessionConnectionLU0  
    Inherits SessionConnection
```

Constructors




















	Name	Description
	<a href="#">SessionConnectionLU0()</a>	Creates a new instance of the <b>SessionConnectionLU0</b> class.
	<a href="#">SessionConnectionLU0(String)</a>	Creates a new instance of the <b>SessionConnectionLU0</b> class using the specified connection string.









Properties

	Name	Description
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination.(Inherited from <a href="#">SessionConnection</a> .)
	<a href="#">FMProfile</a>	Gets a value that describes the function management profile received in the BIND.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance.(Inherited from <a href="#">SessionConnection</a> .)
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected.(Inherited from <a href="#">SessionConnection</a> .)
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session.(Inherited from <a href="#">SessionConnection</a> .)
	<a href="#">LUType</a>	Gets a value that describes the LU type returned in the BIND.
	<a href="#">ModeName</a>	Gets or Sets the mode name sent in an INITSELF request to start a session.
	<a href="#">ReceiveMultipleRUChains</a>	Gets a value that describes how the host manages Request Units (RUs).
	<a href="#">SendMultipleRUChains</a>	Gets a value that describes how the application sends Request Units (RUs).



 <b>ServerName</b>	Gets or sets a value that contains the name of the server.(Inherited from <a href="#">SessionConnection</a> .)
 <b>Timeout</b>	Gets or sets a value that describes how long the connection waits for a BIND and SDT to arrive before returning an error.
 <b>TSProfile</b>	Profile received in the BIND.

#### Methods

<b>Name</b>	<b>Description</b>
 <b>CreateSessionConnection()</b>	(Overrides <a href="#">SessionConnection.CreateSessionConnection()</a> .)
 <b>Dispose()</b>	Releases the resources used by SessionConnection.(Inherited from <a href="#">SessionConnection</a> .)
 <b>Equals(Object)</b>	(Inherited from <a href="#">Object</a> .)
 <b>Finalize()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Finalizes the session connection.(Inherited from <a href="#">SessionConnection</a> .)
 <b>GetHashCode()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetType()</b>	(Inherited from <a href="#">Object</a> .)
 <b>InternalFinish()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Ends the session connection.(Overrides <a href="#">SessionConnection.InternalFinish()</a> .)
 <b>InternalGetDestinationLogicalUnit()</b>	(Overrides <a href="#">SessionConnection.InternalGetDestinationLogicalUnit()</a> .)
 <b>InternalGetLUName()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the logical unit name.(Overrides <a href="#">SessionConnection.InternalGetLUName()</a> .)
 <b>InternalGetServerName()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Gets the session connection server name.(Overrides <a href="#">SessionConnection.InternalGetServerName()</a> .)
 <b>InternalOffline()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection offline.(Overrides <a href="#">SessionConnection.InternalOffline()</a> .)
 <b>InternalOnline()</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the connection online.(Overrides <a href="#">SessionConnection.InternalOnline()</a> .)
 <b>InternalSetCodePage(Int32)</b>	(Overrides <a href="#">SessionConnection.InternalSetCodePage(Int32)</a> .)
 <b>InternalSetDestinationLogicalUnit(String)</b>	(Overrides <a href="#">SessionConnection.InternalSetDestinationLogicalUnit(String)</a> .)
 <b>InternalSetLUName(String)</b>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the logical unit name.(Overrides <a href="#">SessionConnection.InternalSetLUName(String)</a> .)
 <b>InternalSetServerName(String)</b>	(Overrides <a href="#">SessionConnection.InternalSetServerName(String)</a> .)
 <b>Load(FileInfo)</b>	Initializes a connection using the specified file information.(Inherited from <a href="#">SessionConnection</a> .)
 <b>Load(String)</b>	Initializes a connection string using the specified connection string.(Inherited from <a href="#">SessionConnection</a> .)
 <b>MemberwiseClone()</b>	(Inherited from <a href="#">Object</a> .)

 <a href="#">Offline()</a>	Disconnects the session between the Session Integrator Service and the connected host.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">Online()</a>	Reestablishes a disconnected session.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">ParseConnectionString(String)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Parses the connection string for the connection(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">ReleaseSessionConnection()</a>	(Overrides <a href="#">SessionConnection.ReleaseSessionConnection()</a> .)
 <a href="#">Save(FileInfo)</a>	Saves the session connection.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">SetRequiredTags(Object)</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Sets the required tags for the session connection.(Overrides <a href="#">SessionConnection.SetRequiredTags(Object)</a> .)
 <a href="#">ToString()</a>	Returns the current instance as a string.(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">UseParsedTags()</a>	This API supports the product infrastructure and is not intended to be used directly from your code. Uses parsed tags for the session connection display.(Overrides <a href="#">SessionConnection.UseParsedTags()</a> .)

#### Fields

Name	Description
 <a href="#">_traceContainer</a>	(Inherited from <a href="#">SessionConnection</a> .)
 <a href="#">_tracePoint</a>	(Inherited from <a href="#">SessionConnection</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionConnectionLU0 Members

Connects to a LU0 session.













The following tables list the members exposed by the [SessionConnectionLU0](#) type.

## Public Constructors

Name	Description
<a href="#">SessionConnectionLU0</a>	Overloaded. Creates a new instance of the <a href="#">SessionConnectionLU0</a> class.











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## Public Properties

Name	Description
 <a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">FMProfile</a>	Gets a value that describes the function management profile received in the BIND.
 <a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">IsConnected</a>	Gets a value that determines if the session is connected. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">LUType</a>	Gets a value that describes the LU type returned in the BIND.
 <a href="#">ModeName</a>	Gets or Sets the mode name sent in an INITSELF request to start a session.
 <a href="#">ReceiveMultipleRUChains</a>	Gets a value that describes how the host manages Request Units (RUs).
 <a href="#">SendMultipleRUChains</a>	Gets a value that describes how the application sends Request Units (RUs).
 <a href="#">ServerName</a>	Gets or sets a value that contains the name of the server. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Timeout</a>	Gets or sets a value that describes how long the connection waits for a BIND and SDT to arrive before returning an error.
 <a href="#">TSProfile</a>	Profile received in the BIND.










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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Releases the resources used by SessionConnection. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Load</a>	Overloaded. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">Online</a>	Reestablishes a disconnected session. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Save</a>	(inherited from <a href="#">SessionConnection</a> )
 <a href="#">ToString</a>	Returns the current instance as a string. (inherited from <a href="#">SessionConnection</a> )

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## Protected Methods

Name	Description
 <a href="#">CreateSessionConnection</a>	Overridden. Creates a new session connection
 <a href="#">Finalize</a>	Finalizes the session connection. (inherited from <a href="#">SessionConnection</a> )
 <a href="#">InternalFinish</a>	Overridden. Ends the session connection.
 <a href="#">InternalGetDestinationLogicalUnit</a>	Overridden. Gets the destination logical unit.
 <a href="#">InternalGetLUName</a>	Overridden. Gets the logical unit name.
 <a href="#">InternalGetServerName</a>	Overridden. Gets the session connection server name.
 <a href="#">InternalOffline</a>	Overridden. Sets the connection offline.
 <a href="#">InternalOnline</a>	Overridden. Sets the connection online.
 <a href="#">InternalSetCodePage</a>	Overridden.

 <a href="#">InternalSetDestinationLogicalUnit</a>	Overridden.
 <a href="#">InternalSetLUName</a>	Overridden. Sets the logical unit name.
 <a href="#">InternalSetServerName</a>	Overridden.
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ParseConnectionString</a>	(inherited from <a href="#">SessionConnection</a> )
 <a href="#">ReleaseSessionConnection</a>	Overridden. Releases the session connection.
 <a href="#">SetRequiredTags</a>	Overridden. Sets the required tags for the session connection.
 <a href="#">UseParsedTags</a>	Overridden. Uses parsed tags for the session connection display.

[Top](#)

See Also

#### Reference

[SessionConnectionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# SessionConnectionLU0 Constructor

Creates a new instance of the [SessionConnectionLU0](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

Name	Description
 <a href="#">SessionConnectionLU0()</a>	Creates a new instance of the <a href="#">SessionConnectionLU0</a> class.
 <a href="#">SessionConnectionLU0(String)</a>	Creates a new instance of the <a href="#">SessionConnectionLU0</a> class using the specified connection string.

## See Also

[SessionConnectionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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## SessionConnectionLU0 Constructor ()

Creates a new instance of the [SessionConnectionLU0](#) class.

## Syntax

C#

```
public SessionConnectionLU0()
```

C++

```
public:  
SessionConnectionLU0()
```

F#

```
new : unit -> SessionConnectionLU0
```

VB

```
Public Sub New
```

[Return to top](#)

## SessionConnectionLU0 Constructor (String)

Creates a new instance of the [SessionConnectionLU0](#) class using the specified connection string.

## Syntax

C#

```
public SessionConnectionLU0(  
    string connectionString  
)
```

C++

```
public:  
SessionConnectionLU0(  
    String^ connectionString  
)
```

F#

```
new :  
    connectionString:string -> SessionConnectionLU0
```

VB

```
Public Sub New (  
    connectionString As String  
)
```

**Parameters**

*connectionString*

Type: [System.String](#)

The connection string to create the session connection with.

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# SessionConnectionLU0 Constructor ()

Creates a new instance of the [SessionConnectionLU0](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public SessionConnectionLU0 ()
```

C++

```
public:  
SessionConnectionLU0 ()
```

J#

```
public SessionConnectionLU0 ()
```

JScript

```
public function SessionConnectionLU0 ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0 Constructor (String)

Creates a new instance of the [SessionConnectionLU0](#) class using the specified connection string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connectionString As String _
)
```

C#

```
public SessionConnectionLU0 (
    string connectionString
)
```

C++

```
public:
    SessionConnectionLU0 (
        String^ connectionString
    )
```

J#

```
public SessionConnectionLU0 (
    String connectionString
)
```

JScript

```
public function SessionConnectionLU0 (
    connectionString : String
)
```

## Parameters

connectionString

The connection string to create the session connection with.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)


















[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0 Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Releases the resources used by SessionConnection. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Load</a>	Overloaded. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Offline</a>	Disconnects the session between the Session Integrator Service and the connected host. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Online</a>	Reestablishes a disconnected session. (inherited from <a href="#">SessionConnection</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Save</a>	(inherited from <a href="#">SessionConnection</a> )
	<a href="#">ToString</a>	Returns the current instance as a string. (inherited from <a href="#">SessionConnection</a> )

Protected Methods

	Name	Description
	<a href="#">CreateSessionConnection</a>	Overridden. Creates a new session connection
	<a href="#">Finalize</a>	Finalizes the session connection. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">InternalFinish</a>	Overridden. Ends the session connection.
	<a href="#">InternalGetDestinationLogicalUnit</a>	Overridden. Gets the destination logical unit.
	<a href="#">InternalGetLUName</a>	Overridden. Gets the logical unit name.
	<a href="#">InternalGetServerName</a>	Overridden. Gets the session connection server name.
	<a href="#">InternalOffline</a>	Overridden. Sets the connection offline.
	<a href="#">InternalOnline</a>	Overridden. Sets the connection online.
	<a href="#">InternalSetCodePage</a>	Overridden.
	<a href="#">InternalSetDestinationLogicalUnit</a>	Overridden.
	<a href="#">InternalSetLUName</a>	Overridden. Sets the logical unit name.
	<a href="#">InternalSetServerName</a>	Overridden.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ParseConnectionString</a>	(inherited from <a href="#">SessionConnection</a> )
	<a href="#">ReleaseSessionConnection</a>	Overridden. Releases the session connection.
	<a href="#">SetRequiredTags</a>	Overridden. Sets the required tags for the session connection.
	<a href="#">UseParsedTags</a>	Overridden. Uses parsed tags for the session connection display.

See Also

## Reference

[SessionConnectionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.CreateSessionConnection Method

Creates a new session connection

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub CreateSessionConnection
```

C#

```
protected override void CreateSessionConnection ()
```

C++

```
protected:  
virtual void CreateSessionConnection () override
```

J#

```
protected void CreateSessionConnection ()
```

JScript

```
protected override function CreateSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalFinish Method

This method supports the infrastructure and is not intended to be used directly from your code.

Ends the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalFinish
```

C#

```
protected override void InternalFinish ()
```

C++

```
protected:
virtual void InternalFinish () override
```

J#

```
protected void InternalFinish ()
```

JScript

```
protected override function InternalFinish ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalGetDestinationLogicalUnit Method

Gets the destination logical unit.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetDestinationLogicalUnit As String
```

C#

```
protected override string InternalGetDestinationLogicalUnit ()
```

C++

```
protected:
virtual String^ InternalGetDestinationLogicalUnit () override
```

J#

```
protected String InternalGetDestinationLogicalUnit ()
```

JScript

```
protected override function InternalGetDestinationLogicalUnit () : String
```

## Return Value

The destination logical unit.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionLU0.InternalGetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetLUName As String
```

C#

```
protected override string InternalGetLUName ()
```

C++

```
protected:
virtual String^ InternalGetLUName () override
```

J#

```
protected String InternalGetLUName ()
```

JScript

```
protected override function InternalGetLUName () : String
```

## Return Value

The logical unit name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalGetServerName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Gets the session connection server name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function InternalGetServerName As String
```

C#

```
protected override string InternalGetServerName ()
```

C++

```
protected:
virtual String^ InternalGetServerName () override
```

J#

```
protected String InternalGetServerName ()
```

JScript

```
protected override function InternalGetServerName () : String
```

## Return Value

The session connection server name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalOffline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection offline.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub InternalOffline
```

C#

```
protected override void InternalOffline ()
```

C++

```
protected:  
virtual void InternalOffline () override
```

J#

```
protected void InternalOffline ()
```

JScript

```
protected override function InternalOffline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalOnline Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the connection online.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub InternalOnline
```

C#

```
protected override void InternalOnline ()
```

C++

```
protected:  
virtual void InternalOnline () override
```

J#

```
protected void InternalOnline ()
```

JScript

```
protected override function InternalOnline ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalSetCodePage Method

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetCodePage ( _
    codePage As Integer _
)
```

C#

```
protected override void InternalSetCodePage (
    int codePage
)
```

C++

```
protected:
virtual void InternalSetCodePage (
    int codePage
) override
```

J#

```
protected void InternalSetCodePage (
    int codePage
)
```

JScript

```
protected override function InternalSetCodePage (
    codePage : int
)
```

## Parameters

codePage

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalSetDestinationLogicalUnit Method

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetDestinationLogicalUnit ( _
    destinationLogicalUnitName As String _
)
```

C#

```
protected override void InternalSetDestinationLogicalUnit (
    string destinationLogicalUnitName
)
```

C++

```
protected:
virtual void InternalSetDestinationLogicalUnit (
    String^ destinationLogicalUnitName
) override
```

J#

```
protected void InternalSetDestinationLogicalUnit (
    String destinationLogicalUnitName
)
```

JScript

```
protected override function InternalSetDestinationLogicalUnit (
    destinationLogicalUnitName : String
)
```

## Parameters

destinationLogicalUnitName

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalSetLUName Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the logical unit name.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetLUName ( _
    luName As String _
)
```

C#

```
protected override void InternalSetLUName (
    string luName
)
```

C++

```
protected:
virtual void InternalSetLUName (
    String^ luName
) override
```

J#

```
protected void InternalSetLUName (
    String luName
)
```

JScript

```
protected override function InternalSetLUName (
    luName : String
)
```

## Parameters

luName

The logical unit name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.InternalSetServerName Method

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InternalSetServerName ( _
    serverName As String _
)
```

C#

```
protected override void InternalSetServerName (
    string serverName
)
```

C++

```
protected:
virtual void InternalSetServerName (
    String^ serverName
) override
```

J#

```
protected void InternalSetServerName (
    String serverName
)
```

JScript

```
protected override function InternalSetServerName (
    serverName : String
)
```

## Parameters

serverName

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionLU0.ReleaseSessionConnection Method

Releases the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub ReleaseSessionConnection
```

C#

```
protected override void ReleaseSessionConnection ()
```

C++

```
protected:  
virtual void ReleaseSessionConnection () override
```

J#

```
protected void ReleaseSessionConnection ()
```

JScript

```
protected override function ReleaseSessionConnection ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.SetRequiredTags Method

This method supports the infrastructure and is not intended to be used directly from your code.

Sets the required tags for the session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub SetRequiredTags ( _
    value As Object _
)
```

C#

```
protected override void SetRequiredTags (
    Object value
)
```

C++

```
protected:
virtual void SetRequiredTags (
    Object^ value
) override
```

J#

```
protected void SetRequiredTags (
    Object value
)
```

JScript

```
protected override function SetRequiredTags (
    value : Object
)
```

## Parameters

value

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.UseParsedTags Method

This method supports the infrastructure and is not intended to be used directly from your code.

Uses parsed tags for the session connection display.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub UseParsedTags
```

C#

```
protected override void UseParsedTags ()
```

C++

```
protected:
virtual void UseParsedTags () override
```

J#

```
protected void UseParsedTags ()
```

JScript

```
protected override function UseParsedTags ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**













[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0 Properties

## Public Properties

	Name	Description
	<a href="#">DestinationLogicalUnitName</a>	Gets or sets the Logical Unit name of the destination. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">FMProfile</a>	Gets a value that describes the function management profile received in the BIND.
	<a href="#">HostCodePage</a>	Gets or sets a value indicating the type of host code set identifier (CCSID) for the current instance. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">IsConnected</a>	Gets a value that determines if the session is connected. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">LogicalUnitName</a>	Gets or sets a value that contains the name of the logical unit or pool name for the session. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">LUType</a>	Gets a value that describes the LU type returned in the BIND.
	<a href="#">ModeName</a>	Gets or Sets the mode name sent in an INITSELF request to start a session.
	<a href="#">ReceiveMultipleRUChains</a>	Gets a value that describes how the host manages Request Units (RUs).
	<a href="#">SendMultipleRUChains</a>	Gets a value that describes how the application sends Request Units (RUs).
	<a href="#">ServerName</a>	Gets or sets a value that contains the name of the server. (inherited from <a href="#">SessionConnection</a> )
	<a href="#">Timeout</a>	Gets or sets a value that describes how long the connection waits for a BIND and SDT to arrive before returning an error.
	<a href="#">TSProfile</a>	Profile received in the BIND.

See Also

### Reference

[SessionConnectionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.FMProfile Property

Gets a value that describes the function management profile received in the BIND.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property FMProfile As FunctionManagementProfile
```

C#

```
public FunctionManagementProfile FMProfile { get; }
```

C++

```
public:
property FunctionManagementProfile FMProfile {
    FunctionManagementProfile get ();
}
```

J#

```
/** @property */
public FunctionManagementProfile get_FMProfile ()
```

JScript

```
public function get FMProfile () : FunctionManagementProfile
```

## Property Value

A FunctionManagementProfile containing the function management profile received in the BIND.

Remarks

The function management profile is used in a BIND command.

FMProfile becomes read-only after you establish a connection.

For more information on acceptable values for FMProfile, see the IBM documentation "Client/Server Communication Programming".

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.LUType Property

Gets a value that describes the LU type returned in the BIND.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property LUType As Short
```

C#

```
public short LUType { get; }
```

C++

```
public:  
property short LUType {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_LUType ()
```

JScript

```
public function get LUType () : short
```

## Property Value

The LU type returned in the BIND.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.ModeName Property

Gets or Sets the mode name sent in an INITSELF request to start a session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ModeName As String
```

C#

```
public string ModeName { get; set; }
```

C++

```
public:
property String^ ModeName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ModeName ()

/** @property */
public void set_ModeName (String value)
```

JScript

```
public function get ModeName () : String

public function set ModeName (value : String)
```

## Property Value

The mode name to send.

Remarks

ModeName is ignored when other session initialization options are chosen.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.ReceiveMultipleRUChains Property

Gets a value that describes how the host manages Request Units (RUs).

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ReceiveMultipleRUChains As Boolean
```

C#

```
public bool ReceiveMultipleRUChains { get; }
```

C++

```
public:
property bool ReceiveMultipleRUChains {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_ReceiveMultipleRUChains ()
```

JScript

```
public function get ReceiveMultipleRUChains () : boolean
```

## Property Value

**True** if the host can exceed the maximum RU size; if **false**, the host data should not exceed the maximum RU size. The default is **true**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionConnectionLU0.SendMultipleRUChains Property

Gets a value that describes how the application sends Request Units (RUs).

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property SendMultipleRUChains As Boolean
```

C#

```
public bool SendMultipleRUChains { get; }
```

C++

```
public:
property bool SendMultipleRUChains {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_SendMultipleRUChains ()
```

JScript

```
public function get SendMultipleRUChains () : boolean
```

## Property Value

**True** if the application will send data as a set of multiple RU chains; if **false**, the application will send data as multiple single RU chains.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.Timeout Property

Gets or sets a value that describes how long the connection waits for a BIND and SDT to arrive before returning an error.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Timeout As Integer
```

C#

```
public int Timeout { get; set; }
```

C++

```
public:
property int Timeout {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_Timeout ()

/** @property */
public void set_Timeout (int value)
```

JScript

```
public function get Timeout () : int

public function set Timeout (value : int)
```

## Property Value

Seconds that the connection waits before returning an error.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionConnectionLU0.TSProfile Property

Profile received in the BIND.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property TSProfile As TransmissionServicesProfile
```

C#

```
public TransmissionServicesProfile TSProfile { get; }
```

C++

```
public:
property TransmissionServicesProfile TSProfile {
    TransmissionServicesProfile get ();
}
```

J#

```
/** @property */
public TransmissionServicesProfile get_TSProfile ()
```

JScript

```
public function get TSProfile () : TransmissionServicesProfile
```

## Property Value

A TransmissionServicesProfile containing the transmission service profile to be used in the BIND.

Remarks

The transmission service profile is used in the BIND command.

TSProfile becomes read-only only after you establish a connection.

For more information on acceptable values for TSProfile, see the IBM documentation "Client/Server Communications Programming".

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionConnectionLU0 Class](#)

[SessionConnectionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay Class

Represents a virtual 3270 screen.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionDisplay**

Syntax

C#

```
public class SessionDisplay
```

C++

```
public ref class SessionDisplay
```



F#

```
type SessionDisplay = class end
```









VB

```
Public Class SessionDisplay
```





Constructors

Name	Description
 <a href="#">SessionDisplay()</a>	Creates a new instance of the <b>SessionDisplay</b> class.
 <a href="#">SessionDisplay(SessionConnectionDisplay)</a>	Creates a new <b>SessionDisplay</b> object using the specified connection



Properties

Name	Description
 <a href="#">Columns</a>	Gets the number of columns on the screen.
 <a href="#">Connection</a>	Gets the underlying SessionConnectionDisplay object associated with the session.
 <a href="#">CurrentField</a>	Gets the current field where the cursor is located.
 <a href="#">Cursor</a>	Gets the cursor.
 <a href="#">IsConnected</a>	Gets a value that determines if there is an underlying Connection object.
 <a href="#">IsScreenClear</a>	Gets a value that determines if the screen is clear.
 <a href="#">OIA</a>	Gets the Operator Information Area (OIA) for the current screen.
 <a href="#">Rows</a>	Gets the number of rows on the current screen.

Methods

Name	Description
 <a href="#">Connect(SessionConnectionDisplay)</a>	Initializes a LU2 session using the specified connection object.
 <a href="#">Connect(String)</a>	Initializes a LU2 session using the specified connection string.
 <a href="#">Disconnect()</a>	Disconnect from a previously-connected session.
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)

 <code>ExecuteScript(SessionDisplayScript)</code>	Walks through the script on the current session.
 <code>Finalize()</code>	Allows SessionDisplay to attempt to free resources and perform other cleanup operations before SessionDisplay is reclaimed by garbage collection.(Overrides <a href="#">Object.Finalize()</a> .)
 <code>GetField(Int16, Int16)</code>	Returns a field from the screen using the specified row and column.
 <code>GetField(Int16, Int16, ScreenFieldAttributeData)</code>	Returns a field from the screen using the specified row, column, and field attribute.
 <code>GetField(ScreenPosition)</code>	Returns a field from the screen using the specified position.
 <code>GetField(ScreenPosition, ScreenFieldAttributeData)</code>	Returns a field from the screen using the specified starting position and field attribute.
 <code>GetField(String)</code>	Returns a field from the screen using the specified search value.
 <code>GetField(String, Int16, Int16)</code>	Returns a field value from the screen using the specified search value, row position, and column position.
 <code>GetField(String, ScreenPosition)</code>	Returns a field from the screen using the specified search value and position.
 <code>GetFields()</code>	Retrieves a collection of all fields on the screen.
 <code>GetFields(ScreenFieldAttributeData)</code>	Retrieves a collection of fields from the screen based on the specified search attribute.
 <code>GetFields(String)</code>	Retrieves a collection of fields from the screen based on the specified data.
 <code>GetFieldsByColumn(Int16)</code>	Retrieves all fields from the specified column.
 <code>GetFieldsByColumn(Int16, Int16)</code>	Retrieves all fields from the specified column, using the specified starting row.
 <code>GetFieldsByColumn(Int16, Int16, Int16)</code>	Retrieves all fields from the specified column, starting at the specified row, and ending at the specified row.
 <code>GetFieldsByColumn(Int16, Int16, Int16, String)</code>	Retrieves all fields from the specified column, starting at the specified row, and ending at either the specified row or when the specified data is found.
 <code>GetFieldsByColumn(Int16, Int16, String)</code>	Retrieves all fields from the specified column, starting at the specified row, and ending when the specified data is found.
 <code>GetFieldsByColumn(Int16, String)</code>	Retrieves all fields from the screen based on the specified column and end data.
 <code>GetFieldsByColumn(String, Int16)</code>	Retrieves all fields from the specified column that contain the specified data.
 <code>GetFieldsByColumn(String, Int16, Int16)</code>	Retrieves all fields from the specified column that contain the specified data, starting at the specified row.
 <code>GetFieldsByColumn(String, Int16, Int16, Int16)</code>	Retrieves all fields from the specified column that contain the specified data, starting at the specified row, and ending at the specified row.
 <code>GetFieldsByRow(Int16)</code>	Retrieves all fields in the specified row.
 <code>GetFieldsByRow(Int16, Int16)</code>	Retrieves all fields in the specified row, starting at the specified column.

 <code>GetFieldsByRow(Int16, Int16, Int16)</code>	Retrieves all fields in the specified row, starting at the specified column, and ending at the specified column.
 <code>GetFieldsByRow(Int16, Int16, Int16, String)</code>	Retrieves all fields in the specified row, starting at the specified column, and ending at either the specified column, or else when the specified data is found.
 <code>GetFieldsByRow(Int16, Int16, String)</code>	Retrieves all fields in the specified row, starting at the specified column, and ending when the specified data is found.
 <code>GetFieldsByRow(Int16, String)</code>	Retrieves all fields in the specified row, ending at the specified data.
 <code>GetFieldsByRow(String, Int16)</code>	Retrieves all fields in the specified row that contain the specified search data.
 <code>GetFieldsByRow(String, Int16, Int16)</code>	Retrieves all fields in the specified row that contain the specified data, starting at the specified column.
 <code>GetFieldsByRow(String, Int16, Int16, Int16)</code>	Retrieves all fields in the specified row that contain the specified data, starting at the specified column, and ending at the specified column.
 <code>GetHashCode()</code>	(Inherited from <a href="#">Object</a> .)
 <code>GetScreenData(Int16, Int16, Int16)</code>	Retrieves 3270 screen data based on the specified row, column, and data length.
 <code>GetScreenData(Int16, Int16, String)</code>	Retrieves 3270 screen data based on the specified screen locations.
 <code>GetType()</code>	(Inherited from <a href="#">Object</a> .)
 <code>MemberwiseClone()</code>	(Inherited from <a href="#">Object</a> .)
 <code>MoveCursor(Int16, Int16)</code>	Moves the cursor to the specified row and column location.
 <code>MoveCursor(ScreenPosition)</code>	Moves the cursor to the specified position.
 <code>MoveNextField()</code>	Moves the cursor forward through the specified fields and returns that field.
 <code>MoveNextField(Int32)</code>	Advances the cursor the number of fields specified and returns that field.
 <code>MoveNextField(ScreenFieldAttributeData)</code>	Advances the cursor to the next field that contains the specified attributes and returns that field.
 <code>MoveNextField(ScreenFieldAttributeData, Int32)</code>	Advances the cursor through the fields that contain the specified attributes, the specified number of times, and returns that field.
 <code>MovePreviousField()</code>	Moves the cursor back to the previous field.
 <code>MovePreviousField(Int32)</code>	Moves the cursor back through the number of specified fields and returns that field.
 <code>MovePreviousField(ScreenFieldAttributeData)</code>	Moves the cursor back to the previous field that has the specified attributes and returns that field.
 <code>MovePreviousField(ScreenFieldAttributeData, Int32)</code>	Moves the cursor back through a number of fields that have the specified attributes and returns that field.
 <code>MoveToField(Int16, Int16)</code>	Moves the cursor to the field at the specified row and column, and returns that field.

 <a href="#">MoveToField(Int16, Int16, ScreenFieldAttributeData)</a>	Moves the cursor to the first field at or after the specified location that contains the specified attributes, and returns that field.
 <a href="#">MoveToField(ScreenPosition)</a>	Moves the cursor to the field at the specified position and returns that field.
 <a href="#">MoveToField(ScreenPosition, ScreenFieldAttributeData)</a>	Moves the cursor to the first field at or after the specified position that contains the specified attributes, and returns that field.
 <a href="#">MoveToField(String)</a>	Moves the cursor to the first field that contains the specified value, and returns that field.
 <a href="#">MoveToField(String, Int16, Int16)</a>	Moves the cursor to the first field at or after the specified location that contains the specified value, and returns that field.
 <a href="#">MoveToField(String, ScreenPosition)</a>	Moves the cursor to the first field at or after the specified position that contains the specified value, and returns that field.
 <a href="#">SendKey(SessionDisplayKeys)</a>	Sends one or more keys to the host session.
 <a href="#">SendKey(String)</a>	Sends one or more keys to the host session.
 <a href="#">ToString()</a>	Translates the current instance into a string.(Overrides <a href="#">Object.ToString()</a> .)
 <a href="#">WaitForContent(ScreenFieldCollection, Int32)</a>	Waits for the information in the specified partial fields to appear on the screen.
 <a href="#">WaitForContent(ScreenPartialFieldCollection, Int32)</a>	Waits for the specified partial fields to appear on the screen.
 <a href="#">WaitForContent(String, Int32)</a>	Waits for the specified string to appear on the screen.
 <a href="#">WaitForContent(String[], Int32)</a>	Waits for the specified strings to appear on the screen.
 <a href="#">WaitForOutboundwork(Int32)</a>	
 <a href="#">WaitForSession(SessionDisplayWaitType, Int32)</a>	Waits for the session to enter the specified state.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# SessionDisplay Members

Represents a virtual 3270 screen.









The following tables list the members exposed by the [SessionDisplay](#) type.

## Public Constructors

Name	Description
<a href="#">SessionDisplay</a>	Overloaded. Initializes a new instance of the <a href="#">SessionDisplay</a> class using default values.






















## Top

## Public Properties

Name	Description
 <a href="#">Columns</a>	Gets the number of columns on the screen.
 <a href="#">Connection</a>	Gets the underlying SessionConnectionDisplay object associated with the session.
 <a href="#">CurrentField</a>	Gets the current field where the cursor is located.
 <a href="#">Cursor</a>	Gets the cursor.
 <a href="#">IsConnected</a>	Gets a value that determines if there is an underlying Connection object.
 <a href="#">IsScreenClear</a>	Gets a value that determines if the screen is clear.
 <a href="#">OIA</a>	Gets the Operator Information Area (OIA) for the current screen.
 <a href="#">Rows</a>	Gets the number of rows on the current screen.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Connect</a>	Overloaded. Initializes a LU2 session using the specified connection.
 <a href="#">Disconnect</a>	Disconnect from a previously-connected session.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">ExecuteScript</a>	Walks through the script on the current session.
 <a href="#">GetField</a>	Overloaded. Returns a field from the screen which matches one of the conditions provided by the parameters.
 <a href="#">GetFields</a>	Overloaded. Retrieves a collection of fields from the screen based on the specified parameters.
 <a href="#">GetFieldsByColumn</a>	Overloaded. Retrieves a collection of fields from the screen based on the specified column.
 <a href="#">GetFieldsByRow</a>	Overloaded. Retrieves the fields in the specified row.
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetScreenData</a>	Overloaded. Retrieves 3270 screen data based on the specified screen locations.
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MoveCursor</a>	Overloaded. Moves the cursor to the specified location.
 <a href="#">MoveNextField</a>	Overloaded. Advances the cursor to another field and returns that field.
 <a href="#">MovePreviousField</a>	Overloaded. Moves the cursor back through the specified fields and returns that field.
 <a href="#">MoveToField</a>	Overloaded. Moves the cursor to a specified field and returns that field.
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">SendKey</a>	Overloaded.
 <a href="#">ToString</a>	Overridden. Translates the current instance into a string.
 <a href="#">WaitForContent</a>	Overloaded. Waits for the specified fields, partial fields, or search strings to appear on the screen.
 <a href="#">WaitForSession</a>	Waits for the session to enter the specified state.

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	Overridden. Allows SessionDisplay to attempt to free resources and perform other cleanup operations before SessionDisplay is reclaimed by garbage collection.
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[SessionDisplay Class](#)







# SessionDisplay Constructor

Initializes a new instance of the [SessionDisplay](#) class using default values.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">SessionDisplay()</a>	Creates a new instance of the <a href="#">SessionDisplay</a> class.
 <a href="#">SessionDisplay(SessionConnectionDisplay)</a>	Creates a new <a href="#">SessionDisplay</a> object using the specified connection

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionDisplay Constructor ()

Creates a new instance of the [SessionDisplay](#) class.

Syntax

C#

```
public SessionDisplay()
```

C++

```
public:  
SessionDisplay()
```

F#

```
new : unit -> SessionDisplay
```

VB

```
Public Sub New
```

[Return to top](#)

### SessionDisplay Constructor (SessionConnectionDisplay)

Creates a new [SessionDisplay](#) object using the specified connection

Syntax

C#

```
public SessionDisplay(  
    SessionConnectionDisplay connection  
)
```

C++

```
public:  
SessionDisplay(  
    SessionConnectionDisplay^ connection  
)
```

F#

```
new :  
    connection:SessionConnectionDisplay -> SessionDisplay
```

VB

```
Public Sub New (  
    connection As SessionConnectionDisplay  
)
```

#### Parameters

*connection*

Type: [Microsoft.HostIntegration.SNA.Session.SessionConnectionDisplay](#)

The session connection to use.

[Return to top](#)

# SessionDisplay Constructor ()

Creates a new instance of the [SessionDisplay](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public SessionDisplay ()
```

C++

```
public:  
SessionDisplay ()
```

J#

```
public SessionDisplay ()
```

JScript

```
public function SessionDisplay ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay Constructor (SessionConnectionDisplay)

Creates a new [SessionDisplay](#) object using the specified connection

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connection As SessionConnectionDisplay _
)
```

C#

```
public SessionDisplay (
    SessionConnectionDisplay connection
)
```

C++

```
public:
    SessionDisplay (
        SessionConnectionDisplay^ connection
    )
```

J#

```
public SessionDisplay (
    SessionConnectionDisplay connection
)
```

JScript

```
public function SessionDisplay (
    connection : SessionConnectionDisplay
)
```

## Parameters

connection

The session connection to use.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference




















[SessionDisplay Class](#)

[SessionDisplay Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Connect</a>	Overloaded. Initializes a LU2 session using the specified connection.
	<a href="#">Disconnect</a>	Disconnect from a previously-connected session.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">ExecuteScript</a>	Walks through the script on the current session.
	<a href="#">GetField</a>	Overloaded. Returns a field from the screen which matches one of the conditions provided by the parameters.
	<a href="#">GetFields</a>	Overloaded. Retrieves a collection of fields from the screen based on the specified parameters.
	<a href="#">GetFieldsByColumn</a>	Overloaded. Retrieves a collection of fields from the screen based on the specified column.
	<a href="#">GetFieldsByRow</a>	Overloaded. Retrieves the fields in the specified row.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetScreenData</a>	Overloaded. Retrieves 3270 screen data based on the specified screen locations.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MoveCursor</a>	Overloaded. Moves the cursor to the specified location.
	<a href="#">MoveNextField</a>	Overloaded. Advances the cursor to another field and returns that field.
	<a href="#">MovePreviousField</a>	Overloaded. Moves the cursor back through the specified fields and returns that field.
	<a href="#">MoveToField</a>	Overloaded. Moves the cursor to a specified field and returns that field.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">SendKey</a>	Overloaded.
	<a href="#">ToString</a>	Overridden. Translates the current instance into a string.
	<a href="#">WaitForContent</a>	Overloaded. Waits for the specified fields, partial fields, or search strings to appear on the screen.
	<a href="#">WaitForSession</a>	Waits for the session to enter the specified state.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	Overridden. Allows SessionDisplay to attempt to free resources and perform other cleanup operations before SessionDisplay is reclaimed by garbage collection.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.Connect Method

Initializes a LU2 session using the specified connection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">Connect(SessionConnectionDisplay)</a>	Initializes a LU2 session using the specified connection object.
 <a href="#">Connect(String)</a>	Initializes a LU2 session using the specified connection string.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## SessionDisplay.Connect Method (SessionConnectionDisplay)

Initializes a LU2 session using the specified connection object.

Syntax

C#

```
public void Connect(  
    SessionConnectionDisplay connection  
)
```

C++

```
public:  
void Connect(  
    SessionConnectionDisplay^ connection  
)
```

F#

```
member Connect :  
    connection:SessionConnectionDisplay -> unit
```

VB

```
Public Sub Connect (  
    connection As SessionConnectionDisplay  
)
```

## Parameters

*connection*

Type: [Microsoft.HostIntegration.SNA.Session.SessionConnectionDisplay](#)

The connection object containing the connection information.

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## SessionDisplay.Connect Method (String)

Initializes a LU2 session using the specified connection string.

Syntax

C#

```
public void Connect(  
    string connectionString  
)
```

C++

```
public:
void Connect(
    String^ connectionString
)
```

F#

```
member Connect :
    connectionString:string -> unit
```

VB

```
Public Sub Connect (
    connectionString As String
)
```

#### Parameters

*connectionString*

Type: [System.String](#)

The connection string containing the connection information.

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# SessionDisplay.Connect Method (SessionConnectionDisplay)

Initializes a LU2 session using the specified connection object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connection As SessionConnectionDisplay _
)
```

C#

```
public void Connect (
    SessionConnectionDisplay connection
)
```

C++

```
public:
void Connect (
    SessionConnectionDisplay^ connection
)
```

J#

```
public void Connect (
    SessionConnectionDisplay connection
)
```

JScript

```
public function Connect (
    connection : SessionConnectionDisplay
)
```

## Parameters

connection

The connection object containing the connection information.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Connect Method (String)

Initializes a LU2 session using the specified connection string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connectionString As String _
)
```

C#

```
public void Connect (
    string connectionString
)
```

C++

```
public:
void Connect (
    String^ connectionString
)
```

J#

```
public void Connect (
    String connectionString
)
```

JScript

```
public function Connect (
    connectionString : String
)
```

## Parameters

connectionString

The connection string containing the connection information.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Disconnect Method

Disconnect from a previously-connected session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Disconnect
```

C#

```
public void Disconnect ()
```

C++

```
public:  
void Disconnect ()
```

J#

```
public void Disconnect ()
```

JScript

```
public function Disconnect ()
```

Remarks

After this call completes, successfully or otherwise, the application must call the Connect method in order to establish a session.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.ExecuteScript Method

Walks through the script on the current session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ExecuteScript ( _
    script As SessionDisplayScript _
)
```

C#

```
public void ExecuteScript (
    SessionDisplayScript script
)
```

C++

```
public:
void ExecuteScript (
    SessionDisplayScript^ script
)
```

J#

```
public void ExecuteScript (
    SessionDisplayScript script
)
```

JScript

```
public function ExecuteScript (
    script : SessionDisplayScript
)
```

## Parameters

script

The script to execute.

Remarks

ExecuteScript uses SessionDisplayScript to walk through the script on the current session.

Any problem in the script throws a ScriptError exception. The InnerException will contain the actual problem with the script.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Finalize Method

Allows SessionDisplay to attempt to free resources and perform other cleanup operations before SessionDisplay is reclaimed by garbage collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub Finalize
```

C#

```
~SessionDisplay()
```

C++

```
!SessionDisplay ()
```

J#

```
protected void finalize ()
```

JScript

```
protected override function Finalize ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)








[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method

Returns a field from the screen which matches one of the conditions provided by the parameters.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">GetField(Int16, Int16)</a>	Returns a field from the screen using the specified row and column.
 <a href="#">GetField(Int16, Int16, ScreenFieldAttributeData)</a>	Returns a field from the screen using the specified row, column, and field attribute.
 <a href="#">GetField(ScreenPosition)</a>	Returns a field from the screen using the specified position.
 <a href="#">GetField(ScreenPosition, ScreenFieldAttributeData)</a>	Returns a field from the screen using the specified starting position and field attribute.
 <a href="#">GetField(String)</a>	Returns a field from the screen using the specified search value.
 <a href="#">GetField(String, Int16, Int16)</a>	Returns a field value from the screen using the specified search value, row position, and column position.
 <a href="#">GetField(String, ScreenPosition)</a>	Returns a field from the screen using the specified search value and position.

See Also  
[SessionDisplay Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionDisplay.GetField Method (Int16, Int16)

Returns a field from the screen using the specified row and column.

## Syntax

C#

```
public ScreenField GetField(  
    short row,  
    short column  
)
```

C++

```
public:  
ScreenField^ GetField(  
    short row,  
    short column  
)
```

F#

```
member GetField :  
    row:int16 *  
    column:int16 -> ScreenField
```

VB

```
Public Function GetField (  
    row As Short,  
    column As Short  
) As ScreenField
```

---

## Parameters

*row*

Type: [System.Int16](#)

The row of the field to return.

*column*

Type: [System.Int16](#)

The column of the field to return.

## Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that starts at the specified row and column.

[Return to top](#)

## SessionDisplay.GetField Method (Int16, Int16, ScreenFieldAttributeData)

Returns a field from the screen using the specified row, column, and field attribute.

Syntax

C#

```
public ScreenField GetField(  
    short row,  
    short column,  
    ScreenFieldAttributeData attributes  
)
```

C++

```
public:  
ScreenField^ GetField(  
    short row,  
    short column,  
    ScreenFieldAttributeData^ attributes  
)
```

F#

```
member GetField :  
    row:int16 *  
    column:int16 *  
    attributes:ScreenFieldAttributeData -> ScreenField
```

VB

```
Public Function GetField (  
    row As Short,  
    column As Short,  
    attributes As ScreenFieldAttributeData  
) As ScreenField
```

## Parameters

*row*

Type: [System.Int16](#)

The row to begin the search on.

*column*

Type: [System.Int16](#)

The column to begin the search on.

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The field attributes to search on.

## Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The first field at or after the starting row and column position that contains the specified field attributes.

[Return to top](#)

#### **SessionDisplay.GetField Method (ScreenPosition)**

Returns a field from the screen using the specified position.

Syntax

C#

```
public ScreenField GetField(  
    ScreenPosition position  
)
```

C++

```
public:  
ScreenField^ GetField(  
    ScreenPosition^ position  
)
```

F#

```
member GetField :  
    position:ScreenPosition -> ScreenField
```

VB

```
Public Function GetField (  
    position As ScreenPosition  
) As ScreenField
```

#### **Parameters**

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The starting position of the field to return.

#### **Return Value**

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that starts at the specified position.

[Return to top](#)

#### **SessionDisplay.GetField Method (ScreenPosition, ScreenFieldAttributeData)**

Returns a field from the screen using the specified starting position and field attribute.

Syntax

C#

```
public ScreenField GetField(  
    ScreenPosition position,  
    ScreenFieldAttributeData attributes  
)
```

C++

```
public:  
ScreenField^ GetField(  
    ScreenPosition^ position,  
    ScreenFieldAttributeData^ attributes  
)
```

F#

```
member GetField :  
    position:ScreenPosition *  
    attributes:ScreenFieldAttributeData -> ScreenField
```



VB

```
Public Function GetField (  
    position As ScreenPosition,  
    attributes As ScreenFieldAttributeData  
) As ScreenField
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position on the screen to begin searching.

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attributes to search the screen on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The first field at or after the starting position that contains the specified field attributes.

[Return to top](#)

#### SessionDisplay.GetField Method (String)

Returns a field from the screen using the specified search value.

Syntax

C#

```
public ScreenField GetField(  
    string searchText  
)
```

C++

```
public:  
ScreenField^ GetField(  
    String^ searchText  
)
```

F#

```
member GetField :  
    searchText:string -> ScreenField
```

VB

```
Public Function GetField (  
    searchText As String  
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

the value to search the screen for.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that contains the specified search value.

[Return to top](#)

#### SessionDisplay.GetField Method (String, Int16, Int16)

Returns a field value from the screen using the specified search value, row position, and column position.

Syntax

C#

```
public ScreenField GetField(  

```

```
string searchText,  
short row,  
short column  
)
```

C++

```
public:  
ScreenField^ GetField(  
String^ searchText,  
short row,  
short column  
)
```

F#

```
member GetField :  
    searchText:string *  
    row:int16 *  
    column:int16 -> ScreenField
```

VB

```
Public Function GetField (  
    searchText As String,  
    row As Short,  
    column As Short  
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The string value to search on.

*row*

Type: [System.Int16](#)

The row to begin the search on.

*column*

Type: [System.Int16](#)

The column to begin the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The first field at or after the specified row and column position that contains the search value.

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#### SessionDisplay.GetField Method (String, ScreenPosition)

Returns a field from the screen using the specified search value and position.

Syntax

C#

```
public ScreenField GetField(  
    string searchText,  
    ScreenPosition position  
)
```

C++

```
public:  
ScreenField^ GetField(  
String^ searchText,  
ScreenPosition^ position  
)
```

F#

```
member GetField :  
    searchText:string *  
    position:ScreenPosition -> ScreenField
```

VB

```
Public Function GetField (  
    searchText As String,  
    position As ScreenPosition  
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The string value to search on.

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position on the screen to begin searching.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The first field at or after the starting position that contains the specified search value.

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# SessionDisplay.GetField Method (ScreenPosition)

Returns a field from the screen using the specified position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    position As ScreenPosition _
) As ScreenField
```

C#

```
public ScreenField GetField (
    ScreenPosition position
)
```

C++

```
public:
ScreenField^ GetField (
    ScreenPosition^ position
)
```

J#

```
public ScreenField GetField (
    ScreenPosition position
)
```

JScript

```
public function GetField (
    position : ScreenPosition
) : ScreenField
```

## Parameters

position

The starting position of the field to return.

## Return Value

The field that starts at the specified position.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (String)

Returns a field from the screen using the specified search value.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    searchText As String _
) As ScreenField
```

C#

```
public ScreenField GetField (
    string searchText
)
```

C++

```
public:
ScreenField^ GetField (
    String^ searchText
)
```

J#

```
public ScreenField GetField (
    String searchText
)
```

JScript

```
public function GetField (
    searchText : String
) : ScreenField
```

## Parameters

searchText

the value to search the screen for.

## Return Value

The field that contains the specified search value.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (Int16, Int16)

Returns a field from the screen using the specified row and column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    row As Short, _
    column As Short _
) As ScreenField
```

C#

```
public ScreenField GetField (
    short row,
    short column
)
```

C++

```
public:
ScreenField^ GetField (
    short row,
    short column
)
```

J#

```
public ScreenField GetField (
    short row,
    short column
)
```

JScript

```
public function GetField (
    row : short,
    column : short
) : ScreenField
```

## Parameters

row

The row of the field to return.

column

The column of the field to return.

## Return Value

The field that starts at the specified row and column.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (ScreenPosition, ScreenFieldAttributeData)

Returns a field from the screen using the specified starting position and field attribute.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    position As ScreenPosition, _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField GetField (
    ScreenPosition position,
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
    ScreenField^ GetField (
        ScreenPosition^ position,
        ScreenFieldAttributeData^ attributes
    )
```

J#

```
public ScreenField GetField (
    ScreenPosition position,
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function GetField (
    position : ScreenPosition,
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

position

The position on the screen to begin searching.

attributes

The attributes to search the screen on.

## Return Value

The first field at or after the starting position that contains the specified field attributes.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (String, ScreenPosition)

Returns a field from the screen using the specified search value and position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    searchText As String, _
    position As ScreenPosition _
) As ScreenField
```

C#

```
public ScreenField GetField (
    string searchText,
    ScreenPosition position
)
```

C++

```
public:
ScreenField^ GetField (
    String^ searchText,
    ScreenPosition^ position
)
```

J#

```
public ScreenField GetField (
    String searchText,
    ScreenPosition position
)
```

JScript

```
public function GetField (
    searchText : String,
    position : ScreenPosition
) : ScreenField
```

## Parameters

searchText

The string value to search on.

position

The position on the screen to begin searching.

## Return Value

The first field at or after the starting position that contains the specified search value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (Int16, Int16, ScreenFieldAttributeData)

Returns a field from the screen using the specified row, column, and field attribute.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    row As Short, _
    column As Short, _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField GetField (
    short row,
    short column,
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
ScreenField^ GetField (
    short row,
    short column,
    ScreenFieldAttributeData^ attributes
)
```

J#

```
public ScreenField GetField (
    short row,
    short column,
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function GetField (
    row : short,
    column : short,
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

row

The row to begin the search on.

column

The column to begin the search on.

attributes

The field attributes to search on.

## Return Value

The first field at or after the starting row and column position that contains the specified field attributes.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetField Method (String, Int16, Int16)

Returns a field value from the screen using the specified search value, row position, and column position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetField ( _
    searchText As String, _
    row As Short, _
    column As Short _
) As ScreenField
```

C#

```
public ScreenField GetField (
    string searchText,
    short row,
    short column
)
```

C++

```
public:
ScreenField^ GetField (
    String^ searchText,
    short row,
    short column
)
```

J#

```
public ScreenField GetField (
    String searchText,
    short row,
    short column
)
```

JScript

```
public function GetField (
    searchText : String,
    row : short,
    column : short
) : ScreenField
```

## Parameters

searchText

The string value to search on.

row

The row to begin the search on.

column

The column to begin the search on.

## Return Value

The first field at or after the specified row and column position that contains the search value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)




# SessionDisplay.GetFields Method

Retrieves a collection of fields from the screen based on the specified parameters.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">GetFields()</a>	Retrieves a collection of all fields on the screen.
 <a href="#">GetFields(ScreenFieldAttributeData)</a>	Retrieves a collection of fields from the screen based on the specified search attribute.
 <a href="#">GetFields(String)</a>	Retrieves a collection of fields from the screen based on the specified data.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### SessionDisplay.GetFields Method ()

Retrieves a collection of all fields on the screen.

Syntax

C#

```
public ScreenFieldCollection GetFields()
```

C++

```
public:  
ScreenFieldCollection^ GetFields()
```

F#

```
member GetFields : unit -> ScreenFieldCollection
```

VB

```
Public Function GetFields As ScreenFieldCollection
```

### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of all fields on the screen.

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### SessionDisplay.GetFields Method (ScreenFieldAttributeData)

Retrieves a collection of fields from the screen based on the specified search attribute.

Syntax

C#

```
public ScreenFieldCollection GetFields(  
    ScreenFieldAttributeData searchAttribute  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFields(  
    ScreenFieldAttributeData^ searchAttribute  
)
```



F#

```
member GetFields :  
    searchAttribute:ScreenFieldAttributeData -> ScreenFieldCollection
```

VB

```
Public Function GetFields (  
    searchAttribute As ScreenFieldAttributeData  
) As ScreenFieldCollection
```

#### Parameters

*searchAttribute*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attribute to retrieve fields on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

All fields on the screen that contain the specified attribute.

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#### SessionDisplay.GetFields Method (String)

Retrieves a collection of fields from the screen based on the specified data.

Syntax

C#

```
public ScreenFieldCollection GetFields(  
    string searchText  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFields(  
    String^ searchText  
)
```

F#

```
member GetFields :  
    searchText:string -> ScreenFieldCollection
```

VB

```
Public Function GetFields (  
    searchText As String  
) As ScreenFieldCollection
```

#### Parameters

*searchText*

Type: [System.String](#)

The data to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

All fields on the screen that contain the specified data.

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# SessionDisplay.GetFields Method ()

Retrieves a collection of all fields on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function GetFields As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFields ()
```

C++

```
public:  
ScreenFieldCollection^ GetFields ()
```

J#

```
public ScreenFieldCollection GetFields ()
```

JScript

```
public function GetFields () : ScreenFieldCollection
```

## Return Value

A collection of all fields on the screen.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFields Method (ScreenFieldAttributeData)

Retrieves a collection of fields from the screen based on the specified search attribute.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFields ( _
    searchAttribute As ScreenFieldAttributeData _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFields (
    ScreenFieldAttributeData searchAttribute
)
```

C++

```
public:
ScreenFieldCollection^ GetFields (
    ScreenFieldAttributeData^ searchAttribute
)
```

J#

```
public ScreenFieldCollection GetFields (
    ScreenFieldAttributeData searchAttribute
)
```

JScript

```
public function GetFields (
    searchAttribute : ScreenFieldAttributeData
) : ScreenFieldCollection
```

## Parameters

searchAttribute

The attribute to retrieve fields on.

## Return Value

All fields on the screen that contain the specified attribute.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFields Method (String)

Retrieves a collection of fields from the screen based on the specified data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFields ( _
    searchText As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFields (
    string searchText
)
```

C++

```
public:
ScreenFieldCollection^ GetFields (
    String^ searchText
)
```

J#

```
public ScreenFieldCollection GetFields (
    String searchText
)
```

JScript

```
public function GetFields (
    searchText : String
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search on.

## Return Value

All fields on the screen that contain the specified data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)










[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method

Retrieves a collection of fields from the screen based on the specified column.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

Name	Description
 <a href="#">GetFieldsByColumn(Int16)</a>	Retrieves all fields from the specified column.
 <a href="#">GetFieldsByColumn(Int16, Int16)</a>	Retrieves all fields from the specified column, using the specified starting row.
 <a href="#">GetFieldsByColumn(Int16, Int16, Int16)</a>	Retrieves all fields from the specified column, starting at the specified row, and ending at the specified row.
 <a href="#">GetFieldsByColumn(Int16, Int16, Int16, String)</a>	Retrieves all fields from the specified column, starting at the specified row, and ending at either the specified row or when the specified data is found.
 <a href="#">GetFieldsByColumn(Int16, Int16, String)</a>	Retrieves all fields from the specified column, starting at the specified row, and ending when the specified data is found.
 <a href="#">GetFieldsByColumn(Int16, String)</a>	Retrieves all fields from the screen based on the specified column and end data.
 <a href="#">GetFieldsByColumn(String, Int16)</a>	Retrieves all fields from the specified column that contain the specified data.
 <a href="#">GetFieldsByColumn(String, Int16, Int16)</a>	Retrieves all fields from the specified column that contain the specified data, starting at the specified row.
 <a href="#">GetFieldsByColumn(String, Int16, Int16, Int16)</a>	Retrieves all fields from the specified column that contain the specified data, starting at the specified row, and ending at the specified row.

See Also  
[SessionDisplay Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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**SessionDisplay.GetFieldsByColumn Method (Int16)**

Retrieves all fields from the specified column.

Syntax

```
C#  
  
public ScreenFieldCollection GetFieldsByColumn(  
    short column  
)
```

```
C++  
  
public:  
ScreenFieldCollection^ GetFieldsByColumn(  
    short column  
)
```

```
F#  
  
member GetFieldsByColumn :  
    column:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    column As Short  
) As ScreenFieldCollection
```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

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#### SessionDisplay.GetFieldsByColumn Method (Int16, Int16)

Retrieves all fields from the specified column, using the specified starting row.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  
    short column,  
    short startingRow  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByColumn(  
    short column,  
    short startingRow  
)
```

F#

```
member GetFieldsByColumn :  
    column:int16 *  
    startingRow:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    column As Short,  
    startingRow As Short  
) As ScreenFieldCollection
```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to start the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByColumn Method (Int16, Int16, Int16)

Retrieves all fields from the specified column, starting at the specified row, and ending at the specified row.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  

```

```

short column,
short startingRow,
short endingRow
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByColumn(
short column,
short startingRow,
short endingRow
)

```

F#

```

member GetFieldsByColumn :
    column:int16 *
    startingRow:int16 *
    endingRow:int16 -> ScreenFieldCollection

```

VB

```

Public Function GetFieldsByColumn (
    column As Short,
    startingRow As Short,
    endingRow As Short
) As ScreenFieldCollection

```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to start the search on.

*endingRow*

Type: [System.Int16](#)

The row to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByColumn Method (Int16, Int16, Int16, String)

Retrieves all fields from the specified column, starting at the specified row, and ending at either the specified row or when the specified data is found.

Syntax

C#

```

public ScreenFieldCollection GetFieldsByColumn(
short column,
short startingRow,
short endingRow,
string endData
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByColumn(
short column,

```

```
short startingRow,  
short endingRow,  
String^ endData  
)
```

F#

```
member GetFieldsByColumn :  
    column:int16 *  
    startingRow:int16 *  
    endingRow:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    column As Short,  
    startingRow As Short,  
    endingRow As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to start the search on.

*endingRow*

Type: [System.Int16](#)

The row to end the search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### **SessionDisplay.GetFieldsByColumn Method (Int16, Int16, String)**

Retrieves all fields from the specified column, starting at the specified row, and ending when the specified data is found.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  
    short column,  
    short startingRow,  
    string endData  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByColumn(  
    short column,  
    short startingRow,  
    String^ endData  
)
```

F#



```
member GetFieldsByColumn :  
    column:int16 *  
    startingRow:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    column As Short,  
    startingRow As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to start the search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByColumn Method (Int16, String)

Retrieves all fields from the screen based on the specified column and end data.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  
    short column,  
    string endData  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByColumn(  
    short column,  
    String^ endData  
)
```

F#

```
member GetFieldsByColumn :  
    column:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    column As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*column*

Type: [System.Int16](#)

The position of the column to search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByColumn Method (String, Int16)

Retrieves all fields from the specified column that contain the specified data.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  
    string searchText,  
    short column  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByColumn(  
    String^ searchText,  
    short column  
)
```

F#

```
member GetFieldsByColumn :  
    searchText:string *  
    column:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    searchText As String,  
    column As Short  
) As ScreenFieldCollection
```

#### Parameters

*searchText*

Type: [System.String](#)

The data to search on.

*column*

Type: [System.Int16](#)

The position of the column to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByColumn Method (String, Int16, Int16)

Retrieves all fields from the specified column that contain the specified data, starting at the specified row.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByColumn(  

```

```

string searchText,
short column,
short startingRow
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByColumn(
String^ searchText,
short column,
short startingRow
)

```

F#

```

member GetFieldsByColumn :
    searchText:string *
    column:int16 *
    startingRow:int16 -> ScreenFieldCollection

```

VB

```

Public Function GetFieldsByColumn (
    searchText As String,
    column As Short,
    startingRow As Short
) As ScreenFieldCollection

```

#### Parameters

*searchText*

Type: [System.String](#)

The data to search on.

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to start the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByColumn Method (String, Int16, Int16, Int16)

Retrieves all fields from the specified column that contain the specified data, starting at the specified row, and ending at the specified row.

Syntax

C#

```

public ScreenFieldCollection GetFieldsByColumn(
    string searchText,
    short column,
    short startingRow,
    short endingRow
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByColumn(
String^ searchText,

```

```
short column,  
short startingRow,  
short endingRow  
)
```

F#

```
member GetFieldsByColumn :  
    searchText:string *  
    column:int16 *  
    startingRow:int16 *  
    endingRow:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByColumn (  
    searchText As String,  
    column As Short,  
    startingRow As Short,  
    endingRow As Short  
) As ScreenFieldCollection
```

#### Parameters

*searchText*

Type: [System.String](#)

The data to search

*column*

Type: [System.Int16](#)

The position of the column to search on.

*startingRow*

Type: [System.Int16](#)

The row to begin the search on.

*endingRow*

Type: [System.Int16](#)

The row to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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# SessionDisplay.GetFieldsByColumn Method (Int16)

Retrieves all fields from the specified column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column
)
```

JScript

```
public function GetFieldsByColumn (
    column : short
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (Int16, Int16)

Retrieves all fields from the specified column, using the specified starting row.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short, _
    startingRow As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column,
    short startingRow
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow
)
```

JScript

```
public function GetFieldsByColumn (
    column : short,
    startingRow : short
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

startingRow

The row to start the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**[SessionDisplay Class](#)[SessionDisplay Members](#)[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (Int16, String)

Retrieves all fields from the screen based on the specified column and end data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    String endData
)
```

JScript

```
public function GetFieldsByColumn (
    column : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

endData

The data to end the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also



## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (String, Int16)

Retrieves all fields from the specified column that contain the specified data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    searchText As String, _
    column As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    string searchText,
    short column
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    String^ searchText,
    short column
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    String searchText,
    short column
)
```

JScript

```
public function GetFieldsByColumn (
    searchText : String,
    column : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search on.

column

The position of the column to search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (Int16, Int16, Int16)

Retrieves all fields from the specified column, starting at the specified row, and ending at the specified row.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short, _
    startingRow As Short, _
    endingRow As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow
)
```

JScript

```
public function GetFieldsByColumn (
    column : short,
    startingRow : short,
    endingRow : short
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

startingRow

The row to start the search on.

endingRow

The row to end the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (Int16, Int16, String)

Retrieves all fields from the specified column, starting at the specified row, and ending when the specified data is found.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short, _
    startingRow As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column,
    short startingRow,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    String endData
)
```

JScript

```
public function GetFieldsByColumn (
    column : short,
    startingRow : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

startingRow

The row to start the search on.

endData

The data to end the search on.

## Return Value

A collection of fields that match the specified criteria.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (String, Int16, Int16)

Retrieves all fields from the specified column that contain the specified data, starting at the specified row.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    searchText As String, _
    column As Short, _
    startingRow As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    string searchText,
    short column,
    short startingRow
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    String^ searchText,
    short column,
    short startingRow
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    String searchText,
    short column,
    short startingRow
)
```

JScript

```
public function GetFieldsByColumn (
    searchText : String,
    column : short,
    startingRow : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search on.

column

The position of the column to search on.

startingRow

The row to start the search on.

## Return Value



A collection of fields that match the specified criteria.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (Int16, Int16, Int16, String)

Retrieves all fields from the specified column, starting at the specified row, and ending at either the specified row or when the specified data is found.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    column As Short, _
    startingRow As Short, _
    endingRow As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    short column,
    short startingRow,
    short endingRow,
    String endData
)
```

JScript

```
public function GetFieldsByColumn (
    column : short,
    startingRow : short,
    endingRow : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

column

The position of the column to search on.

startingRow

The row to start the search on.

endingRow

The row to end the search on.

endData

The data to end the search on.

#### **Return Value**

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByColumn Method (String, Int16, Int16, Int16)

Retrieves all fields from the specified column that contain the specified data, starting at the specified row, and ending at the specified row.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByColumn ( _
    searchText As String, _
    column As Short, _
    startingRow As Short, _
    endingRow As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByColumn (
    string searchText,
    short column,
    short startingRow,
    short endingRow
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByColumn (
    String^ searchText,
    short column,
    short startingRow,
    short endingRow
)
```

J#

```
public ScreenFieldCollection GetFieldsByColumn (
    String searchText,
    short column,
    short startingRow,
    short endingRow
)
```

JScript

```
public function GetFieldsByColumn (
    searchText : String,
    column : short,
    startingRow : short,
    endingRow : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search

column

The position of the column to search on.

startingRow

The row to begin the search on.

endingRow

The row to end the search on.

#### **Return Value**

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)










[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method

Retrieves the fields in the specified row.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">GetFieldsByRow(Int16)</a>	Retrieves all fields in the specified row.
 <a href="#">GetFieldsByRow(Int16, Int16)</a>	Retrieves all fields in the specified row, starting at the specified column.
 <a href="#">GetFieldsByRow(Int16, Int16, Int16)</a>	Retrieves all fields in the specified row, starting at the specified column, and ending at the specified column.
 <a href="#">GetFieldsByRow(Int16, Int16, Int16, String)</a>	Retrieves all fields in the specified row, starting at the specified column, and ending at either the specified column, or else when the specified data is found.
 <a href="#">GetFieldsByRow(Int16, Int16, String)</a>	Retrieves all fields in the specified row, starting at the specified column, and ending when the specified data is found.
 <a href="#">GetFieldsByRow(Int16, String)</a>	Retrieves all fields in the specified row, ending at the specified data.
 <a href="#">GetFieldsByRow(String, Int16)</a>	Retrieves all fields in the specified row that contain the specified search data.
 <a href="#">GetFieldsByRow(String, Int16, Int16)</a>	Retrieves all fields in the specified row that contain the specified data, starting at the specified column.
 <a href="#">GetFieldsByRow(String, Int16, Int16, Int16)</a>	Retrieves all fields in the specified row that contain the specified data, starting at the specified column, and ending at the specified column.

See Also  
[SessionDisplay Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionDisplay.GetFieldsByRow Method (Int16)

Retrieves all fields in the specified row.

#### Syntax

```
C#  
  
public ScreenFieldCollection GetFieldsByRow(  
    short row  
)
```

```
C++  
  
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row  
)
```

```
F#  
  
member GetFieldsByRow :  
    row:int16 -> ScreenFieldCollection
```

```
VB  
  
Public Function GetFieldsByRow (  
    row As Short
```

```
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByRow Method (Int16, Int16)

Retrieves all fields in the specified row, starting at the specified column.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    short row,  
    short startingColumn  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row,  
    short startingColumn  
)
```

F#

```
member GetFieldsByRow :  
    row:int16 *  
    startingColumn:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    row As Short,  
    startingColumn As Short  
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The row to start the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByRow Method (Int16, Int16, Int16)

Retrieves all fields in the specified row, starting at the specified column, and ending at the specified column.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    short row,
```

```
    short startingColumn,  
    short endingColumn  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row,  
    short startingColumn,  
    short endingColumn  
)
```

F#

```
member GetFieldsByRow :  
    row:int16 *  
    startingColumn:int16 *  
    endingColumn:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    row As Short,  
    startingColumn As Short,  
    endingColumn As Short  
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The column to start the search on.

*endingColumn*

Type: [System.Int16](#)

The column to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByRow Method (Int16, Int16, Int16, String)

Retrieves all fields in the specified row, starting at the specified column, and ending at either the specified column, or else when the specified data is found.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    short row,  
    short startingColumn,  
    short endingColumn,  
    string endData  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row,  
    short startingColumn,
```



```
    short endingColumn,  
    String^ endData  
)
```

F#

```
member GetFieldsByRow :  
    row:int16 *  
    startingColumn:int16 *  
    endingColumn:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    row As Short,  
    startingColumn As Short,  
    endingColumn As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The column to start the search on.

*endingColumn*

Type: [System.Int16](#)

The column to end the search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByRow Method (Int16, Int16, String)

Retrieves all fields in the specified row, starting at the specified column, and ending when the specified data is found.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    short row,  
    short startingColumn,  
    string endData  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row,  
    short startingColumn,  
    String^ endData  
)
```

F#

```
member GetFieldsByRow :  
    row:int16 *  
    startingColumn:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    row As Short,  
    startingColumn As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The row to start the search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByRow Method (Int16, String)

Retrieves all fields in the specified row, ending at the specified data.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    short row,  
    string endData  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    short row,  
    String^ endData  
)
```

F#

```
member GetFieldsByRow :  
    row:int16 *  
    endData:string -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    row As Short,  
    endData As String  
) As ScreenFieldCollection
```

#### Parameters

*row*

Type: [System.Int16](#)

The position of the row to search on.

*endData*

Type: [System.String](#)

The data to end the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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#### SessionDisplay.GetFieldsByRow Method (String, Int16)

Retrieves all fields in the specified row that contain the specified search data.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  
    string searchText,  
    short row  
)
```

C++

```
public:  
ScreenFieldCollection^ GetFieldsByRow(  
    String^ searchText,  
    short row  
)
```

F#

```
member GetFieldsByRow :  
    searchText:string *  
    row:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    searchText As String,  
    row As Short  
) As ScreenFieldCollection
```

#### Parameters

*searchText*

Type: [System.String](#)

The data to search on.

*row*

Type: [System.Int16](#)

The position of the row to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

#### SessionDisplay.GetFieldsByRow Method (String, Int16, Int16)

Retrieves all fields in the specified row that contain the specified data, starting at the specified column.

Syntax

C#

```
public ScreenFieldCollection GetFieldsByRow(  

```

```

string searchText,
short row,
short startingColumn
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByRow(
String^ searchText,
short row,
short startingColumn
)

```

F#

```

member GetFieldsByRow :
    searchText:string *
    row:int16 *
    startingColumn:int16 -> ScreenFieldCollection

```

VB

```

Public Function GetFieldsByRow (
    searchText As String,
    row As Short,
    startingColumn As Short
) As ScreenFieldCollection

```

## Parameters

*searchText*

Type: [System.String](#)

The data to search the fields for.

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The column to start the search on.

## Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

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## SessionDisplay.GetFieldsByRow Method (String, Int16, Int16, Int16)

Retrieves all fields in the specified row that contain the specified data, starting at the specified column, and ending at the specified column.

Syntax

C#

```

public ScreenFieldCollection GetFieldsByRow(
    string searchText,
    short row,
    short startingColumn,
    short endingColumn
)

```

C++

```

public:
ScreenFieldCollection^ GetFieldsByRow(
String^ searchText,

```

```
short row,  
short startingColumn,  
short endingColumn  
)
```

F#

```
member GetFieldsByRow :  
    searchText:string *  
    row:int16 *  
    startingColumn:int16 *  
    endingColumn:int16 -> ScreenFieldCollection
```

VB

```
Public Function GetFieldsByRow (  
    searchText As String,  
    row As Short,  
    startingColumn As Short,  
    endingColumn As Short  
) As ScreenFieldCollection
```

### Parameters

*searchText*

Type: [System.String](#)

The data to search on.

*row*

Type: [System.Int16](#)

The position of the row to search on.

*startingColumn*

Type: [System.Int16](#)

The column to start the search on.

*endingColumn*

Type: [System.Int16](#)

The column to end the search on.

### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of fields that match the specified criteria.

[Return to top](#)

# SessionDisplay.GetFieldsByRow Method (Int16)

Retrieves all fields in the specified row.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row
)
```

JScript

```
public function GetFieldsByRow (
    row : short
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (Int16, Int16)

Retrieves all fields in the specified row, starting at the specified column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short, _
    startingColumn As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row,
    short startingColumn
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn
)
```

JScript

```
public function GetFieldsByRow (
    row : short,
    startingColumn : short
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

startingColumn

The row to start the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**[SessionDisplay Class](#)[SessionDisplay Members](#)[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.GetFieldsByRow Method (Int16, String)

Retrieves all fields in the specified row, ending at the specified data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    String endData
)
```

JScript

```
public function GetFieldsByRow (
    row : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

endData

The data to end the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (String, Int16)

Retrieves all fields in the specified row that contain the specified search data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    searchText As String, _
    row As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    string searchText,
    short row
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    String^ searchText,
    short row
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    String searchText,
    short row
)
```

JScript

```
public function GetFieldsByRow (
    searchText : String,
    row : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search on.

row

The position of the row to search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**[SessionDisplay Class](#)[SessionDisplay Members](#)[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (Int16, Int16, Int16)

Retrieves all fields in the specified row, starting at the specified column, and ending at the specified column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short, _
    startingColumn As Short, _
    endingColumn As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn
)
```

JScript

```
public function GetFieldsByRow (
    row : short,
    startingColumn : short,
    endingColumn : short
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

startingColumn

The column to start the search on.

endingColumn

The column to end the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (Int16, Int16, String)

Retrieves all fields in the specified row, starting at the specified column, and ending when the specified data is found.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short, _
    startingColumn As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row,
    short startingColumn,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    String endData
)
```

JScript

```
public function GetFieldsByRow (
    row : short,
    startingColumn : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

startingColumn

The row to start the search on.

endData

The data to end the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.GetFieldsByRow Method (String, Int16, Int16)

Retrieves all fields in the specified row that contain the specified data, starting at the specified column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    searchText As String, _
    row As Short, _
    startingColumn As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    string searchText,
    short row,
    short startingColumn
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    String^ searchText,
    short row,
    short startingColumn
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    String searchText,
    short row,
    short startingColumn
)
```

JScript

```
public function GetFieldsByRow (
    searchText : String,
    row : short,
    startingColumn : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search the fields for.

row

The position of the row to search on.

startingColumn

The column to start the search on.

## Return Value

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (Int16, Int16, Int16, String)

Retrieves all fields in the specified row, starting at the specified column, and ending at either the specified column, or else when the specified data is found.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    row As Short, _
    startingColumn As Short, _
    endingColumn As Short, _
    endData As String _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn,
    string endData
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn,
    String^ endData
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    short row,
    short startingColumn,
    short endingColumn,
    String endData
)
```

JScript

```
public function GetFieldsByRow (
    row : short,
    startingColumn : short,
    endingColumn : short,
    endData : String
) : ScreenFieldCollection
```

## Parameters

row

The position of the row to search on.

startingColumn

The column to start the search on.

endingColumn

The column to end the search on.

endData

The data to end the search on.

#### **Return Value**

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetFieldsByRow Method (String, Int16, Int16, Int16)

Retrieves all fields in the specified row that contain the specified data, starting at the specified column, and ending at the specified column.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetFieldsByRow ( _
    searchText As String, _
    row As Short, _
    startingColumn As Short, _
    endingColumn As Short _
) As ScreenFieldCollection
```

C#

```
public ScreenFieldCollection GetFieldsByRow (
    string searchText,
    short row,
    short startingColumn,
    short endingColumn
)
```

C++

```
public:
ScreenFieldCollection^ GetFieldsByRow (
    String^ searchText,
    short row,
    short startingColumn,
    short endingColumn
)
```

J#

```
public ScreenFieldCollection GetFieldsByRow (
    String searchText,
    short row,
    short startingColumn,
    short endingColumn
)
```

JScript

```
public function GetFieldsByRow (
    searchText : String,
    row : short,
    startingColumn : short,
    endingColumn : short
) : ScreenFieldCollection
```

## Parameters

searchText

The data to search on.

row

The position of the row to search on.

startingColumn

The column to start the search on.

endingColumn

The column to end the search on.

#### **Return Value**

A collection of fields that match the specified criteria.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.GetScreenData Method

Retrieves 3270 screen data based on the specified screen locations.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">GetScreenData(Int16, Int16, Int16)</a>	Retrieves 3270 screen data based on the specified row, column, and data length.
 <a href="#">GetScreenData(Int16, Int16, String)</a>	Retrieves 3270 screen data based on the specified screen locations.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionDisplay.GetScreenData Method (Int16, Int16, Int16)

Retrieves 3270 screen data based on the specified row, column, and data length.

Syntax

C#

```
public ScreenData GetScreenData(  
    short row,  
    short column,  
    short maximumLength  
)
```

C++

```
public:  
ScreenData^ GetScreenData(  
    short row,  
    short column,  
    short maximumLength  
)
```

F#

```
member GetScreenData :  
    row:int16 *  
    column:int16 *  
    maximumLength:int16 -> ScreenData
```

VB

```
Public Function GetScreenData (  
    row As Short,  
    column As Short,  
    maximumLength As Short  
) As ScreenData
```

## Parameters

*row*

Type: [System.Int16](#)

The row that contains the requested information.

*column*

Type: [System.Int16](#)

The column that contains the requested information.

*maxLength*

Type: [System.Int16](#)

Maximum number of screen positions returned. If 0, returns the rest of the screen.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenData](#)

The screen data at the specified location.

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#### SessionDisplay.GetScreenData Method (Int16, Int16, String)

Retrieves 3270 screen data based on the specified screen locations.

Syntax

C#

```
public ScreenData GetScreenData(  
    short row,  
    short column,  
    string searchText  
)
```

C++

```
public:  
ScreenData^ GetScreenData(  
    short row,  
    short column,  
    String^ searchText  
)
```

F#

```
member GetScreenData :  
    row:int16 *  
    column:int16 *  
    searchText:string -> ScreenData
```

VB

```
Public Function GetScreenData (  
    row As Short,  
    column As Short,  
    searchText As String  
) As ScreenData
```

#### Parameters

*row*

Type: [System.Int16](#)

The row that contains the requested information.

*column*

Type: [System.Int16](#)

The column that contains the requested information.

*searchText*

Type: [System.String](#)

The string to search for on the screen.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenData](#)

The search value, or null if the value is not found.

Remarks

The search value should not attempt to cross field boundaries on the screen.

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# SessionDisplay.GetScreenData Method (Int16, Int16, Int16)

Retrieves 3270 screen data based on the specified row, column, and data length.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetScreenData ( _
    row As Short, _
    column As Short, _
    maximumLength As Short _
) As ScreenData
```

C#

```
public ScreenData GetScreenData (
    short row,
    short column,
    short maximumLength
)
```

C++

```
public:
ScreenData^ GetScreenData (
    short row,
    short column,
    short maximumLength
)
```

J#

```
public ScreenData GetScreenData (
    short row,
    short column,
    short maximumLength
)
```

JScript

```
public function GetScreenData (
    row : short,
    column : short,
    maximumLength : short
) : ScreenData
```

## Parameters

row

The row that contains the requested information.

column

The column that contains the requested information.

maximumLength

Maximum number of screen positions returned. If 0, returns the rest of the screen.

## Return Value

The screen data at the specified location.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.GetScreenData Method (Int16, Int16, String)

Retrieves 3270 screen data based on the specified screen locations.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetScreenData ( _
    row As Short, _
    column As Short, _
    searchText As String _
) As ScreenData
```

C#

```
public ScreenData GetScreenData (
    short row,
    short column,
    string searchText
)
```

C++

```
public:
ScreenData^ GetScreenData (
    short row,
    short column,
    String^ searchText
)
```

J#

```
public ScreenData GetScreenData (
    short row,
    short column,
    String searchText
)
```

JScript

```
public function GetScreenData (
    row : short,
    column : short,
    searchText : String
) : ScreenData
```

## Parameters

row

The row that contains the requested information.

column

The column that contains the requested information.

searchText

The string to search for on the screen.

## Return Value

The search value, or null if the value is not found.

## Remarks

The search value should not attempt to cross field boundaries on the screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.MoveCursor Method

Moves the cursor to the specified location.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

	Name	Description
	<a href="#">MoveCursor(Int16, Int16)</a>	Moves the cursor to the specified row and column location.
	<a href="#">MoveCursor(ScreenPosition)</a>	Moves the cursor to the specified position.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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## SessionDisplay.MoveCursor Method (Int16, Int16)

Moves the cursor to the specified row and column location.

Syntax

C#

```
public void MoveCursor(  
    short row,  
    short column  
)
```

C++

```
public:  
void MoveCursor(  
    short row,  
    short column  
)
```

F#

```
member MoveCursor :  
    row:int16 *  
    column:int16 -> unit
```

VB

```
Public Sub MoveCursor (  
    row As Short,  
    column As Short  
)
```

## Parameters

*row*

Type: [System.Int16](#)

A row location.

*column*

Type: [System.Int16](#)

A column location.

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## SessionDisplay.MoveCursor Method (ScreenPosition)

Moves the cursor to the specified position.

## Syntax

### C#

```
public void MoveCursor(  
    ScreenPosition position  
)
```

### C++

```
public:  
void MoveCursor(  
    ScreenPosition^ position  
)
```

### F#

```
member MoveCursor :  
    position:ScreenPosition -> unit
```

### VB

```
Public Sub MoveCursor (  
    position As ScreenPosition  
)
```

## Parameters

### *position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

A valid position on the screen.

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# SessionDisplay.MoveCursor Method (ScreenPosition)

Moves the cursor to the specified position.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveCursor ( _
    position As ScreenPosition _
)
```

C#

```
public void MoveCursor (
    ScreenPosition position
)
```

C++

```
public:
void MoveCursor (
    ScreenPosition^ position
)
```

J#

```
public void MoveCursor (
    ScreenPosition position
)
```

JScript

```
public function MoveCursor (
    position : ScreenPosition
)
```

## Parameters

position

A valid position on the screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.MoveCursor Method (Int16, Int16)

Moves the cursor to the specified row and column location.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub MoveCursor ( _
    row As Short, _
    column As Short _
)
```

C#

```
public void MoveCursor (
    short row,
    short column
)
```

C++

```
public:
void MoveCursor (
    short row,
    short column
)
```

J#

```
public void MoveCursor (
    short row,
    short column
)
```

JScript

```
public function MoveCursor (
    row : short,
    column : short
)
```

## Parameters

row

A row location.

column

A column location.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)







# SessionDisplay.MoveNextField Method

Advances the cursor to another field and returns that field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">MoveNextField()</a>	Moves the cursor forward through the specified fields and returns that field.
 <a href="#">MoveNextField(Int32)</a>	Advances the cursor the number of fields specified and returns that field.
 <a href="#">MoveNextField(ScreenFieldAttributeData)</a>	Advances the cursor to the next field that contains the specified attributes and returns that field.
 <a href="#">MoveNextField(ScreenFieldAttributeData, Int32)</a>	Advances the cursor through the fields that contain the specified attributes, the specified number of times, and returns that field.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## SessionDisplay.MoveNextField Method ()

Moves the cursor forward through the specified fields and returns that field.

Syntax

C#

```
public ScreenField MoveNextField()
```

C++

```
public:  
ScreenField^ MoveNextField()
```

F#

```
member MoveNextField : unit -> ScreenField
```

VB

```
Public Function MoveNextField As ScreenField
```

## Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

[Return to top](#)

## SessionDisplay.MoveNextField Method (Int32)

Advances the cursor the number of fields specified and returns that field.

Syntax

C#

```
public ScreenField MoveNextField(  
    int numberOfFields  
)
```

C++

```
public:
```

```
ScreenField^ MoveNextField(  
    int numberOfFields  
)
```

F#

```
member MoveNextField :  
    numberOfFields:int -> ScreenField
```

VB

```
Public Function MoveNextField (  
    numberOfFields As Integer  
) As ScreenField
```

#### Parameters

*numberOfFields*

Type: [System.Int32](#)

The number of fields to advance the cursor through.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that now has the cursor.

[Return to top](#)

#### SessionDisplay.MoveNextField Method (ScreenFieldAttributeData)

Advances the cursor to the next field that contains the specified attributes and returns that field.

Syntax

C#

```
public ScreenField MoveNextField(  
    ScreenFieldAttributeData attributes  
)
```

C++

```
public:  
ScreenField^ MoveNextField(  
    ScreenFieldAttributeData^ attributes  
)
```

F#

```
member MoveNextField :  
    attributes:ScreenFieldAttributeData -> ScreenField
```

VB

```
Public Function MoveNextField (  
    attributes As ScreenFieldAttributeData  
) As ScreenField
```

#### Parameters

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attributes of the field to advance the cursor to.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that now has the cursor.

[Return to top](#)

#### SessionDisplay.MoveNextField Method (ScreenFieldAttributeData, Int32)

Advances the cursor through the fields that contain the specified attributes, the specified number of times, and returns that

field.

Syntax

C#

```
public ScreenField MoveNextField(  
    ScreenFieldAttributeData attributes,  
    int numberOfFields  
)
```

C++

```
public:  
ScreenField^ MoveNextField(  
    ScreenFieldAttributeData^ attributes,  
    int numberOfFields  
)
```

F#

```
member MoveNextField :  
    attributes:ScreenFieldAttributeData *  
    numberOfFields:int -> ScreenField
```

VB

```
Public Function MoveNextField (  
    attributes As ScreenFieldAttributeData,  
    numberOfFields As Integer  
) As ScreenField
```

#### Parameters

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)  
The attributes of the fields to advance through.

*numberOfFields*

Type: [System.Int32](#)  
The number of fields to advance through.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)  
The field that now has the cursor.

[Return to top](#)

# SessionDisplay.MoveNextField Method ()

Moves the cursor forward through the specified fields and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function MoveNextField As ScreenField
```

C#

```
public ScreenField MoveNextField ()
```

C++

```
public:  
ScreenField^ MoveNextField ()
```

J#

```
public ScreenField MoveNextField ()
```

JScript

```
public function MoveNextField () : ScreenField
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveNextField Method (Int32)

Advances the cursor the number of fields specified and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveNextField ( _
    numberOfFields As Integer _
) As ScreenField
```

C#

```
public ScreenField MoveNextField (
    int numberOfFields
)
```

C++

```
public:
ScreenField^ MoveNextField (
    int numberOfFields
)
```

J#

```
public ScreenField MoveNextField (
    int numberOfFields
)
```

JScript

```
public function MoveNextField (
    numberOfFields : int
) : ScreenField
```

## Parameters

numberOfFields

The number of fields to advance the cursor through.

## Return Value

The field that now has the cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveNextField Method (ScreenFieldAttributeData)

Advances the cursor to the next field that contains the specified attributes and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveNextField ( _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField MoveNextField (
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
ScreenField^ MoveNextField (
    ScreenFieldAttributeData^ attributes
)
```

J#

```
public ScreenField MoveNextField (
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function MoveNextField (
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

attributes

The attributes of the field to advance the cursor to.

## Return Value

The field that now has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.MoveNextField Method (ScreenFieldAttributeData, Int32)

Advances the cursor through the fields that contain the specified attributes, the specified number of times, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveNextField ( _
    attributes As ScreenFieldAttributeData, _
    numberOfFields As Integer _
) As ScreenField
```

C#

```
public ScreenField MoveNextField (
    ScreenFieldAttributeData attributes,
    int numberOfFields
)
```

C++

```
public:
ScreenField^ MoveNextField (
    ScreenFieldAttributeData^ attributes,
    int numberOfFields
)
```

J#

```
public ScreenField MoveNextField (
    ScreenFieldAttributeData attributes,
    int numberOfFields
)
```

JScript

```
public function MoveNextField (
    attributes : ScreenFieldAttributeData,
    numberOfFields : int
) : ScreenField
```

## Parameters

attributes

The attributes of the fields to advance through.

numberOfFields

The number of fields to advance through.

## Return Value

The field that now has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# SessionDisplay.MovePreviousField Method

Moves the cursor back through the specified fields and returns that field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">MovePreviousField()</a>	Moves the cursor back to the previous field.
 <a href="#">MovePreviousField(Int32)</a>	Moves the cursor back through the number of specified fields and returns that field.
 <a href="#">MovePreviousField(ScreenFieldAttributeData)</a>	Moves the cursor back to the previous field that has the specified attributes and returns that field.
 <a href="#">MovePreviousField(ScreenFieldAttributeData, Int32)</a>	Moves the cursor back through a number of fields that have the specified attributes and returns that field.

## See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## SessionDisplay.MovePreviousField Method ()

Moves the cursor back to the previous field.

## Syntax

C#

```
public ScreenField MovePreviousField()
```

C++

```
public:  
ScreenField^ MovePreviousField()
```

F#

```
member MovePreviousField : unit -> ScreenField
```

VB

```
Public Function MovePreviousField As ScreenField
```

## Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

## SessionDisplay.MovePreviousField Method (Int32)

Moves the cursor back through the number of specified fields and returns that field.

## Syntax

C#

```
public ScreenField MovePreviousField(  
    int numberOfFields  
)
```

C++

```
public:
ScreenField^ MovePreviousField(
    int numberOfFields
)
```

F#

```
member MovePreviousField :
    numberOfFields:int -> ScreenField
```

VB

```
Public Function MovePreviousField (
    numberOfFields As Integer
) As ScreenField
```

#### Parameters

*numberOfFields*

Type: [System.Int32](#)

The number of fields to move the cursor through.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MovePreviousField Method (ScreenFieldAttributeData)

Moves the cursor back to the previous field that has the specified attributes and returns that field.

Syntax

C#

```
public ScreenField MovePreviousField(
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
ScreenField^ MovePreviousField(
    ScreenFieldAttributeData^ attributes
)
```

F#

```
member MovePreviousField :
    attributes:ScreenFieldAttributeData -> ScreenField
```

VB

```
Public Function MovePreviousField (
    attributes As ScreenFieldAttributeData
) As ScreenField
```

#### Parameters

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attributes of the field to move the cursor to.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

## SessionDisplay.MovePreviousField Method (ScreenFieldAttributeData, Int32)

Moves the cursor back through a number of fields that have the specified attributes and returns that field.

### Syntax

#### C#

```
public ScreenField MovePreviousField(  
    ScreenFieldAttributeData attributes,  
    int numberOfFields  
)
```

#### C++

```
public:  
ScreenField^ MovePreviousField(  
    ScreenFieldAttributeData^ attributes,  
    int numberOfFields  
)
```

#### F#

```
member MovePreviousField :  
    attributes:ScreenFieldAttributeData *  
    numberOfFields:int -> ScreenField
```

#### VB

```
Public Function MovePreviousField (  
    attributes As ScreenFieldAttributeData,  
    numberOfFields As Integer  
) As ScreenField
```

### Parameters

#### *attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attributes of the fields to move the cursor through.

#### *numberOfFields*

Type: [System.Int32](#)

The number of fields to move the cursor through.

### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

# SessionDisplay.MovePreviousField Method ()

Moves the cursor back to the previous field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Function MovePreviousField As ScreenField
```

C#

```
public ScreenField MovePreviousField ()
```

C++

```
public:  
ScreenField^ MovePreviousField ()
```

J#

```
public ScreenField MovePreviousField ()
```

JScript

```
public function MovePreviousField () : ScreenField
```

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MovePreviousField Method (Int32)

Moves the cursor back through the number of specified fields and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MovePreviousField ( _
    numberOfFields As Integer _
) As ScreenField
```

C#

```
public ScreenField MovePreviousField (
    int numberOfFields
)
```

C++

```
public:
ScreenField^ MovePreviousField (
    int numberOfFields
)
```

J#

```
public ScreenField MovePreviousField (
    int numberOfFields
)
```

JScript

```
public function MovePreviousField (
    numberOfFields : int
) : ScreenField
```

## Parameters

numberOfFields

The number of fields to move the cursor through.

## Return Value

The field that currently has the cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MovePreviousField Method (ScreenFieldAttributeData)

Moves the cursor back to the previous field that has the specified attributes and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MovePreviousField ( _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField MovePreviousField (
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
ScreenField^ MovePreviousField (
    ScreenFieldAttributeData^ attributes
)
```

J#

```
public ScreenField MovePreviousField (
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function MovePreviousField (
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

attributes

The attributes of the field to move the cursor to.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.MovePreviousField Method (ScreenFieldAttributeData, Int32)

Moves the cursor back through a number of fields that have the specified attributes and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MovePreviousField ( _
    attributes As ScreenFieldAttributeData, _
    numberOfFields As Integer _
) As ScreenField
```

C#

```
public ScreenField MovePreviousField (
    ScreenFieldAttributeData attributes,
    int numberOfFields
)
```

C++

```
public:
ScreenField^ MovePreviousField (
    ScreenFieldAttributeData^ attributes,
    int numberOfFields
)
```

J#

```
public ScreenField MovePreviousField (
    ScreenFieldAttributeData attributes,
    int numberOfFields
)
```

JScript

```
public function MovePreviousField (
    attributes : ScreenFieldAttributeData,
    numberOfFields : int
) : ScreenField
```

## Parameters

attributes

The attributes of the fields to move the cursor through.

numberOfFields

The number of fields to move the cursor through.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)








[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method

Moves the cursor to a specified field and returns that field.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">MoveToField(Int16, Int16)</a>	Moves the cursor to the field at the specified row and column, and returns that field.
 <a href="#">MoveToField(Int16, Int16, ScreenFieldAttributeData)</a>	Moves the cursor to the first field at or after the specified location that contains the specified attributes, and returns that field.
 <a href="#">MoveToField(ScreenPosition)</a>	Moves the cursor to a the field at the specified position and returns that field.
 <a href="#">MoveToField(ScreenPosition, ScreenFieldAttributeData)</a>	Moves the cursor to the first field at or after the specified position that contains the specified attributes, and returns that field.
 <a href="#">MoveToField(String)</a>	Moves the cursor to the first field that contains the specified value, and returns that field.
 <a href="#">MoveToField(String, Int16, Int16)</a>	Moves the cursor to the first field at or after the specified location that contains the specified value, and returns that field.
 <a href="#">MoveToField(String, ScreenPosition)</a>	Moves the cursor to the first field at or after the specified position that contains the specified value, and returns that field.

See Also  
[SessionDisplay Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)  
**SessionDisplay.MoveToField Method (Int16, Int16)**

Moves the cursor to the field at the specified row and column, and returns that field.

## Syntax

```
C#  
  
public ScreenField MoveToField(  
    short row,  
    short column  
)
```

```
C++  
  
public:  
ScreenField^ MoveToField(  
    short row,  
    short column  
)
```

```
F#  
  
member MoveToField :  
    row:int16 *  
    column:int16 -> ScreenField
```

```
VB  
  
Public Function MoveToField (
```

```
row As Short,  
column As Short  
) As ScreenField
```

#### Parameters

*row*

Type: [System.Int16](#)

The row of the field to move the cursor to.

*column*

Type: [System.Int16](#)

The column of the field to move the cursor to.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MoveToField Method (Int16, Int16, ScreenFieldAttributeData)

Moves the cursor to the first field at or after the specified location that contains the specified attributes, and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    short row,  
    short column,  
    ScreenFieldAttributeData attributes  
)
```

C++

```
public:  
ScreenField^ MoveToField(  
    short row,  
    short column,  
    ScreenFieldAttributeData^ attributes  
)
```

F#

```
member MoveToField :  
    row:int16 *  
    column:int16 *  
    attributes:ScreenFieldAttributeData -> ScreenField
```

VB

```
Public Function MoveToField (  
    row As Short,  
    column As Short,  
    attributes As ScreenFieldAttributeData  
) As ScreenField
```

#### Parameters

*row*

Type: [System.Int16](#)

The row to start the search on.

*column*

Type: [System.Int16](#)

The column to start the search on.

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The field attributes to search on

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MoveToField Method (ScreenPosition)

Moves the cursor to a the field at the specified position and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    ScreenPosition position  
)
```

C++

```
public:  
ScreenField^ MoveToField(  
    ScreenPosition^ position  
)
```

F#

```
member MoveToField :  
    position:ScreenPosition -> ScreenField
```

VB

```
Public Function MoveToField (  
    position As ScreenPosition  
) As ScreenField
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position of the field.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MoveToField Method (ScreenPosition, ScreenFieldAttributeData)

Moves the cursor to the first field at or after the specified position that contains the specified attributes, and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    ScreenPosition position,  
    ScreenFieldAttributeData attributes  
)
```

C++

```
public:  
ScreenField^ MoveToField(  
    ScreenPosition^ position,  
    ScreenFieldAttributeData^ attributes  
)
```

F#

```
member MoveToField :  
    position:ScreenPosition *  
    attributes:ScreenFieldAttributeData -> ScreenField
```

VB

```
Public Function MoveToField (  
    position As ScreenPosition,  
    attributes As ScreenFieldAttributeData  
) As ScreenField
```

#### Parameters

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position to start the search on.

*attributes*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldAttributeData](#)

The attributes of the field to search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MoveToField Method (String)

Moves the cursor to the first field that contains the specified value, and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    string searchText  
)
```

C++

```
public:  
ScreenField^ MoveToField(  
    String^ searchText  
)
```

F#

```
member MoveToField :  
    searchText:string -> ScreenField
```

VB

```
Public Function MoveToField (  
    searchText As String  
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The value to

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### SessionDisplay.MoveToField Method (String, Int16, Int16)

Moves the cursor to the first field at or after the specified location that contains the specified value, and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    string searchText,  
    short row,  
    short column  
)
```

C++

```
public:  
ScreenField^ MoveToField(  
    String^ searchText,  
    short row,  
    short column  
)
```

F#

```
member MoveToField :  
    searchText:string *  
    row:int16 *  
    column:int16 -> ScreenField
```

VB

```
Public Function MoveToField (  
    searchText As String,  
    row As Short,  
    column As Short  
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The value to search on.

*row*

Type: [System.Int16](#)

The row to start the search on.

*column*

Type: [System.Int16](#)

The column to start the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)

#### **SessionDisplay.MoveToField Method (String, ScreenPosition)**

Moves the cursor to the first field at or after the specified position that contains the specified value, and returns that field.

Syntax

C#

```
public ScreenField MoveToField(  
    string searchText,  
    ScreenPosition position  
)
```

C++

```
public:
ScreenField^ MoveToField(
    String^ searchText,
    ScreenPosition^ position
)
```

F#

```
member MoveToField :
    searchText:string *
    position:ScreenPosition -> ScreenField
```

VB

```
Public Function MoveToField (
    searchText As String,
    position As ScreenPosition
) As ScreenField
```

#### Parameters

*searchText*

Type: [System.String](#)

The value to search on.

*position*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPosition](#)

The position to start the search on.

#### Return Value

Type: [Microsoft.HostIntegration.SNA.Session.ScreenField](#)

The field that currently has the cursor.

[Return to top](#)



# SessionDisplay.MoveToField Method (ScreenPosition)

Moves the cursor to a the field at the specified position and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    position As ScreenPosition _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    ScreenPosition position
)
```

C++

```
public:
ScreenField^ MoveToField (
    ScreenPosition^ position
)
```

J#

```
public ScreenField MoveToField (
    ScreenPosition position
)
```

JScript

```
public function MoveToField (
    position : ScreenPosition
) : ScreenField
```

## Parameters

position

The position of the field.

## Return Value

The field that currently has the cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method (String)

Moves the cursor to the first field that contains the specified value, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    searchText As String _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    string searchText
)
```

C++

```
public:
    ScreenField^ MoveToField (
        String^ searchText
    )
```

J#

```
public ScreenField MoveToField (
    String searchText
)
```

JScript

```
public function MoveToField (
    searchText : String
) : ScreenField
```

## Parameters

searchText

The value to

## Return Value

The field that currently has the cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method (Int16, Int16)

Moves the cursor to the field at the specified row and column, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    row As Short, _
    column As Short _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    short row,
    short column
)
```

C++

```
public:
ScreenField^ MoveToField (
    short row,
    short column
)
```

J#

```
public ScreenField MoveToField (
    short row,
    short column
)
```

JScript

```
public function MoveToField (
    row : short,
    column : short
) : ScreenField
```

## Parameters

row

The row of the field to move the cursor to.

column

The column of the field to move the cursor to.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method (ScreenPosition, ScreenFieldAttributeData)

Moves the cursor to the first field at or after the specified position that contains the specified attributes, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    position As ScreenPosition, _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    ScreenPosition position,
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
    ScreenField^ MoveToField (
        ScreenPosition^ position,
        ScreenFieldAttributeData^ attributes
    )
```

J#

```
public ScreenField MoveToField (
    ScreenPosition position,
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function MoveToField (
    position : ScreenPosition,
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

position

The position to start the search on.

attributes

The attributes of the field to search on.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method (String, ScreenPosition)

Moves the cursor to the first field at or after the specified position that contains the specified value, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    searchText As String, _
    position As ScreenPosition _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    string searchText,
    ScreenPosition position
)
```

C++

```
public:
ScreenField^ MoveToField (
    String^ searchText,
    ScreenPosition^ position
)
```

J#

```
public ScreenField MoveToField (
    String searchText,
    ScreenPosition position
)
```

JScript

```
public function MoveToField (
    searchText : String,
    position : ScreenPosition
) : ScreenField
```

## Parameters

searchText

The value to search on.

position

The position to start the search on.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.MoveToField Method (Int16, Int16, ScreenFieldAttributeData)

Moves the cursor to the first field at or after the specified location that contains the specified attributes, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    row As Short, _
    column As Short, _
    attributes As ScreenFieldAttributeData _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    short row,
    short column,
    ScreenFieldAttributeData attributes
)
```

C++

```
public:
ScreenField^ MoveToField (
    short row,
    short column,
    ScreenFieldAttributeData^ attributes
)
```

J#

```
public ScreenField MoveToField (
    short row,
    short column,
    ScreenFieldAttributeData attributes
)
```

JScript

```
public function MoveToField (
    row : short,
    column : short,
    attributes : ScreenFieldAttributeData
) : ScreenField
```

## Parameters

row

The row to start the search on.

column

The column to start the search on.

attributes

The field attributes to search on

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.MoveToField Method (String, Int16, Int16)

Moves the cursor to the first field at or after the specified location that contains the specified value, and returns that field.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function MoveToField ( _
    searchText As String, _
    row As Short, _
    column As Short _
) As ScreenField
```

C#

```
public ScreenField MoveToField (
    string searchText,
    short row,
    short column
)
```

C++

```
public:
ScreenField^ MoveToField (
    String^ searchText,
    short row,
    short column
)
```

J#

```
public ScreenField MoveToField (
    String searchText,
    short row,
    short column
)
```

JScript

```
public function MoveToField (
    searchText : String,
    row : short,
    column : short
) : ScreenField
```

## Parameters

searchText

The value to search on.

row

The row to start the search on.

column

The column to start the search on.

## Return Value

The field that currently has the cursor.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.SendKey Method

Sends one or more keys to the host session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">SendKey(SessionDisplayKeys)</a>	Sends one or more keys to the host session.
 <a href="#">SendKey(String)</a>	Sends one or more keys to the host session.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

## SessionDisplay.SendKey Method (SessionDisplayKeys)

Sends one or more keys to the host session.

Syntax

C#

```
public void SendKey(  
    SessionDisplayKeys key  
)
```

C++

```
public:  
void SendKey(  
    SessionDisplayKeys key  
)
```

F#

```
member SendKey :  
    key:SessionDisplayKeys -> unit
```

VB

```
Public Sub SendKey (  
    key As SessionDisplayKeys  
)
```

## Parameters

*key*

Type: [Microsoft.HostIntegration.SNA.Session.SessionDisplayKeys](#)

The keys to send.

[Return to top](#)

## SessionDisplay.SendKey Method (String)

Sends one or more keys to the host session.

Syntax

C#

```
public void SendKey(  
    string keys  
)
```

C++

```
public:
void SendKey(
    String^ keys
)
```

F#

```
member SendKey :
    keys:string -> unit
```

VB

```
Public Sub SendKey (
    keys As String
)
```

#### Parameters

*keys*

Type: [System.String](#)

The keys to send.

[Return to top](#)

# SessionDisplay.SendKey Method (SessionDisplayKeys)

Sends one or more keys to the host session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SendKey ( _
    key As SessionDisplayKeys _
)
```

C#

```
public void SendKey (
    SessionDisplayKeys key
)
```

C++

```
public:
void SendKey (
    SessionDisplayKeys key
)
```

J#

```
public void SendKey (
    SessionDisplayKeys key
)
```

JScript

```
public function SendKey (
    key : SessionDisplayKeys
)
```

## Parameters

key

The keys to send.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.SendKey Method (String)

Sends one or more keys to the host session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SendKey ( _
    keys As String _
)
```

C#

```
public void SendKey (
    string keys
)
```

C++

```
public:
void SendKey (
    String^ keys
)
```

J#

```
public void SendKey (
    String keys
)
```

JScript

```
public function SendKey (
    keys : String
)
```

## Parameters

keys

The keys to send.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.ToString Method

Translates the current instance into a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

A string representation of the current instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)





# SessionDisplay.WaitForContent Method

Waits for the specified fields, partial fields, or search strings to appear on the screen.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">WaitForContent(ScreenFieldCollection, Int32)</a>	Waits for the information in the specified partial fields to appear on the screen.
 <a href="#">WaitForContent(ScreenPartialFieldCollection, Int32)</a>	Waits for the specified partial fields to appear on the screen.
 <a href="#">WaitForContent(String, Int32)</a>	Waits for the specified string to appear on the screen.
 <a href="#">WaitForContent(String[], Int32)</a>	Waits for the specified strings to appear on the screen.

See Also

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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## SessionDisplay.WaitForContent Method (ScreenFieldCollection, Int32)

Waits for the information in the specified partial fields to appear on the screen.

Syntax

C#

```
public int WaitForContent(  
    ScreenFieldCollection fields,  
    int timeout  
)
```

C++

```
public:  
int WaitForContent(  
    ScreenFieldCollection^ fields,  
    int timeout  
)
```

F#

```
member WaitForContent :  
    fields:ScreenFieldCollection *  
    timeout:int -> int
```

VB

```
Public Function WaitForContent (  
    fields As ScreenFieldCollection,  
    timeout As Integer  
) As Integer
```

## Parameters

*fields*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenFieldCollection](#)

A collection of ScreenField objects containing information about the fields to be looked for.

*timeout*

Type: [System.Int32](#)

The amount of time in milliseconds to wait before timing out.

**Return Value**

Type: [System.Int32](#)

The array index of the partial field that satisfied the wait.

[Return to top](#)

**SessionDisplay.WaitForContent Method (ScreenPartialFieldCollection, Int32)**

Waits for the specified partial fields to appear on the screen.

Syntax

C#

```
public int WaitForContent(  
    ScreenPartialFieldCollection partialFields,  
    int timeout  
)
```

C++

```
public:  
int WaitForContent(  
    ScreenPartialFieldCollection^ partialFields,  
    int timeout  
)
```

F#

```
member WaitForContent :  
    partialFields:ScreenPartialFieldCollection *  
    timeout:int -> int
```

VB

```
Public Function WaitForContent (  
    partialFields As ScreenPartialFieldCollection,  
    timeout As Integer  
) As Integer
```

**Parameters**

*partialFields*

Type: [Microsoft.HostIntegration.SNA.Session.ScreenPartialFieldCollection](#)

A collection of ScreenPartialField objects containing information about the partial fields to be looked for.

*timeout*

Type: [System.Int32](#)

The amount of time in milliseconds to wait before timing out.

**Return Value**

Type: [System.Int32](#)

The array index of the partial field that satisfied the wait.

[Return to top](#)

**SessionDisplay.WaitForContent Method (String, Int32)**

Waits for the specified string to appear on the screen.

Syntax

C#

```
public void WaitForContent(  
    string searchText,  
    int timeout  
)
```

C++

```
public:  
void WaitForContent(  

```

```
String^ searchText,  
int timeout  
)
```

F#

```
member WaitForContent :  
    searchText:string *  
    timeout:int -> unit
```

VB

```
Public Sub WaitForContent (  
    searchText As String,  
    timeout As Integer  
)
```

#### Parameters

*searchText*

Type: [System.String](#)

The search string to look for on the display.

*timeout*

Type: [System.Int32](#)

The amount of time in milliseconds to wait before timing out.

[Return to top](#)

#### **SessionDisplay.WaitForContent Method (String[], Int32)**

Waits for the specified strings to appear on the screen.

Syntax

C#

```
public int WaitForContent(  
    string[] searchTexts,  
    int timeout  
)
```

C++

```
public:  
int WaitForContent(  
    array<String^>^ searchTexts,  
    int timeout  
)
```

F#

```
member WaitForContent :  
    searchTexts:string[] *  
    timeout:int -> int
```

VB

```
Public Function WaitForContent (  
    searchTexts As String(),  
    timeout As Integer  
) As Integer
```

#### Parameters

*searchTexts*

Type: [System.String](#)

An array of search string to look for anywhere on the display.

*timeout*

Type: [System.Int32](#)

The amount of time in milliseconds to wait before timing out.

**Return Value**

Type: [System.Int32](#)

The array index of the string that satisfied the wait.

[Return to top](#)

# SessionDisplay.WaitForContent Method (ScreenFieldCollection, Int32)

Waits for the information in the specified partial fields to appear on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function WaitForContent ( _
    fields As ScreenFieldCollection, _
    timeout As Integer _
) As Integer
```

C#

```
public int WaitForContent (
    ScreenFieldCollection fields,
    int timeout
)
```

C++

```
public:
int WaitForContent (
    ScreenFieldCollection^ fields,
    int timeout
)
```

J#

```
public int WaitForContent (
    ScreenFieldCollection fields,
    int timeout
)
```

JScript

```
public function WaitForContent (
    fields : ScreenFieldCollection,
    timeout : int
) : int
```

## Parameters

fields

A collection of ScreenField objects containing information about the fields to be looked for.

timeout

The amount of time in milliseconds to wait before timing out.

## Return Value

The array index of the partial field that satisfied the wait.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.WaitForContent Method (ScreenPartialFieldCollection, Int32)

Waits for the specified partial fields to appear on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function WaitForContent ( _
    partialFields As ScreenPartialFieldCollection, _
    timeout As Integer _
) As Integer
```

C#

```
public int WaitForContent (
    ScreenPartialFieldCollection partialFields,
    int timeout
)
```

C++

```
public:
int WaitForContent (
    ScreenPartialFieldCollection^ partialFields,
    int timeout
)
```

J#

```
public int WaitForContent (
    ScreenPartialFieldCollection partialFields,
    int timeout
)
```

JScript

```
public function WaitForContent (
    partialFields : ScreenPartialFieldCollection,
    timeout : int
) : int
```

## Parameters

partialFields

A collection of ScreenPartialField objects containing information about the partial fields to be looked for.

timeout

The amount of time in milliseconds to wait before timing out.

## Return Value

The array index of the partial field that satisfied the wait.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.WaitForContent Method (String, Int32)

Waits for the specified string to appear on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub WaitForContent ( _
    searchText As String, _
    timeout As Integer _
)
```

C#

```
public void WaitForContent (
    string searchText,
    int timeout
)
```

C++

```
public:
void WaitForContent (
    String^ searchText,
    int timeout
)
```

J#

```
public void WaitForContent (
    String searchText,
    int timeout
)
```

JScript

```
public function WaitForContent (
    searchText : String,
    timeout : int
)
```

## Parameters

searchText

The search string to look for on the display.

timeout

The amount of time in milliseconds to wait before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)



# SessionDisplay.WaitForContent Method (String[], Int32)

Waits for the specified strings to appear on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function WaitForContent ( _
    searchTexts As String(), _
    timeout As Integer _
) As Integer
```

C#

```
public int WaitForContent (
    string[] searchTexts,
    int timeout
)
```

C++

```
public:
int WaitForContent (
    array<String^>^ searchTexts,
    int timeout
)
```

J#

```
public int WaitForContent (
    String[] searchTexts,
    int timeout
)
```

JScript

```
public function WaitForContent (
    searchTexts : String[],
    timeout : int
) : int
```

## Parameters

searchTexts

An array of search string to look for anywhere on the display.

timeout

The amount of time in milliseconds to wait before timing out.

## Return Value

The array index of the string that satisfied the wait.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.WaitForSession Method

Waits for the session to enter the specified state.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub WaitForSession ( _
    waitType As SessionDisplayWaitType, _
    timeout As Integer _
)
```

C#

```
public void WaitForSession (
    SessionDisplayWaitType waitType,
    int timeout
)
```

C++

```
public:
void WaitForSession (
    SessionDisplayWaitType waitType,
    int timeout
)
```

J#

```
public void WaitForSession (
    SessionDisplayWaitType waitType,
    int timeout
)
```

JScript

```
public function WaitForSession (
    waitType : SessionDisplayWaitType,
    timeout : int
)
```

## Parameters

waitType

The type of wait being requested.

timeout

The amount of time in milliseconds to wait before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[SessionDisplay Class](#)

[SessionDisplay Members](#)



# SessionDisplay Properties

## Public Properties

	Name	Description
	<a href="#">Columns</a>	Gets the number of columns on the screen.
	<a href="#">Connection</a>	Gets the underlying SessionConnectionDisplay object associated with the session.
	<a href="#">CurrentField</a>	Gets the current field where the cursor is located.
	<a href="#">Cursor</a>	Gets the cursor.
	<a href="#">IsConnected</a>	Gets a value that determines if there is an underlying Connection object.
	<a href="#">IsScreenClear</a>	Gets a value that determines if the screen is clear.
	<a href="#">OIA</a>	Gets the Operator Information Area (OIA) for the current screen.
	<a href="#">Rows</a>	Gets the number of rows on the current screen.

See Also

### Reference

[SessionDisplay Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplay.Columns Property

Gets the number of columns on the screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Columns As Short
```

C#

```
public short Columns { get; }
```

C++

```
public:  
property short Columns {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Columns ()
```

JScript

```
public function get Columns () : short
```

## Property Value

The number of columns on the screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Connection Property

Gets the underlying SessionConnectionDisplay object associated with the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Connection As SessionConnectionDisplay
```

C#

```
public SessionConnectionDisplay Connection { get; }
```

C++

```
public:
property SessionConnectionDisplay^ Connection {
    SessionConnectionDisplay^ get ();
}
```

J#

```
/** @property */
public SessionConnectionDisplay get_Connection ()
```

JScript

```
public function get Connection () : SessionConnectionDisplay
```

## Property Value

The underlying SessionConnectionDisplay object associated with the session.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.CurrentField Property

Gets the current field where the cursor is located.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property CurrentField As ScreenField
```

C#

```
public ScreenField CurrentField { get; }
```

C++

```
public:
property ScreenField^ CurrentField {
    ScreenField^ get ();
}
```

J#

```
/** @property */
public ScreenField get_CurrentField ()
```

JScript

```
public function get CurrentField () : ScreenField
```

## Property Value

The current field where the cursor is located.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Cursor Property

Gets the cursor.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Cursor As ScreenCursor
```

C#

```
public ScreenCursor Cursor { get; }
```

C++

```
public:  
property ScreenCursor^ Cursor {  
    ScreenCursor^ get ();  
}
```

J#

```
/** @property */  
public ScreenCursor get_Cursor ()
```

JScript

```
public function get Cursor () : ScreenCursor
```

## Property Value

The cursor.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.IsConnected Property

Gets a value that determines if there is an underlying Connection object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property IsConnected As Boolean
```

C#

```
public bool IsConnected { get; }
```

C++

```
public:  
property bool IsConnected {  
    bool get ();  
}
```

J#

```
/** @property */  
public boolean get_IsConnected ()
```

JScript

```
public function get IsConnected () : boolean
```

## Property Value

**True** if there is an underlying connection object; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.IsScreenClear Property

Gets a value that determines if the screen is clear.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property IsScreenClear As Boolean
```

C#

```
public bool IsScreenClear { get; }
```

C++

```
public:
property bool IsScreenClear {
    bool get ();
}
```

J#

```
/** @property */
public boolean get_IsScreenClear ()
```

JScript

```
public function get IsScreenClear () : boolean
```

## Property Value

**True** if the screen is clear; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.OIA Property

Gets the Operator Information Area (OIA) for the current screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property OIA As Byte()
```

C#

```
public byte[] OIA { get; }
```

C++

```
public:
property array<unsigned char>^ OIA {
    array<unsigned char>^ get ();
}
```

J#

```
/** @property */
public byte[] get_OIA ()
```

JScript

```
public function get OIA () : byte[]
```

## Property Value

A byte array containing the OIA for the current screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplay.Rows Property

Gets the number of rows on the current screen.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Rows As Short
```

C#

```
public short Rows { get; }
```

C++

```
public:  
property short Rows {  
    short get ();  
}
```

J#

```
/** @property */  
public short get_Rows ()
```

JScript

```
public function get Rows () : short
```

## Property Value

The number of rows on the current screen.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SessionDisplay Class](#)

[SessionDisplay Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplayKeys Enumeration

Describes the session display keys.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum SessionDisplayKeys
```

C++

```
public enum class SessionDisplayKeys
```

F#

```
type SessionDisplayKeys
```

VB

```
Public Enumeration SessionDisplayKeys
```

Members

Member name	Description
<b>At</b>	The At display key.
<b>Attention</b>	The Attention display key.
<b>Backspace</b>	
<b>Backtab</b>	The Attention display key.
<b>Bar</b>	The Bar display key.
<b>Cent</b>	The Cent display key.
<b>Clear</b>	The Clear display key.
<b>CursorDown</b>	The Cursor Down display key.
<b>CursorLeft</b>	The Cursor Left display key.
<b>CursorLeftDouble</b>	
<b>CursorRight</b>	The Cursor Right display key.
<b>CursorRightDouble</b>	
<b>CursorUp</b>	The Cursor Up display key.
<b>Delete</b>	The Delete display key.
<b>DUP</b>	The DUP display key.
<b>Enter</b>	The Enter display key.
<b>EraseEOF</b>	The Erase EOF display key.
<b>EraseInput</b>	The Erase Input display key.

<b>FieldMark</b>	The Field Mark display key.
<b>Home</b>	The Home display key.
<b>InsertCharacter</b>	The Insert Character display key.
<b>NewLine</b>	The New Line display key.
<b>Not</b>	The Not display key.
<b>NumericOverride</b>	To enter alphabetic data into a field which the 3270 data stream has indicated is Numeric only, send the NumericOverride key before entering the alphabetic data.
<b>PA1</b>	The PA1 display key.
<b>PA2</b>	The PA2 display key.
<b>PA3</b>	The PA3 display key.
<b>PF1</b>	The PF1 display key.
<b>PF10</b>	The PF10 display key
<b>PF11</b>	The PF11 display key.
<b>PF12</b>	The PF12 display key.
<b>PF13</b>	The PF13 display key.
<b>PF14</b>	The PF14 display key.
<b>PF15</b>	The PF15 display key.
<b>PF16</b>	The PF16 display key.
<b>PF17</b>	The PF17 display key.
<b>PF18</b>	The PF18 display key.
<b>PF19</b>	The PF19 display key.
<b>PF2</b>	The PF2 display key.
<b>PF20</b>	The PF2 display key.
<b>PF21</b>	The PF21 display key.
<b>PF22</b>	The PF22 display key.
<b>PF23</b>	The PF23 display key.
<b>PF24</b>	The PF24 display key.
<b>PF3</b>	The PF3 display key.
<b>PF4</b>	The PF4 display key.
<b>PF5</b>	The PF5 display key.
<b>PF6</b>	The PF6 display key.
<b>PF7</b>	The PF7 display key.
<b>PF8</b>	The PF8 display key.

<b>PF9</b>	The PF9 display key.
<b>Print</b>	The Print display key.
<b>Reset</b>	The Reset display key.
<b>SystRequest</b>	The System Request display key.
<b>Tab</b>	The Tab display key.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionDisplayScript Class

Programmatically accesses scripts created for the Microsoft Host Integration Server 3270 client.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionDisplayScript**

Syntax

C#

```
public class SessionDisplayScript
```

C++

```
public ref class SessionDisplayScript
```



F#

```
type SessionDisplayScript = class end
```



VB

```
Public Class SessionDisplayScript
```








Constructors

Name	Description
 <a href="#">SessionDisplayScript(FileInfo)</a>	Creates a new instance of the <b>SessionDisplayScript</b> class, using the specified script file.
 <a href="#">SessionDisplayScript(FileInfo, SessionDisplayVariableCollection)</a>	Creates a new instance of the <b>SessionDisplayScript</b> class, using the specified script file and variables.

Properties

Name	Description
 <a href="#">ScriptFile</a>	Gets or sets the underlying script file.
 <a href="#">ScriptVariables</a>	Gets or sets the underlying variable collection used when playing the script.

Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Parse()</a>	Parses and validates the script.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Remarks

A Host Integration Server script can implement variables using a double percent sign on each end of the name, such as %%MYVARIABLE%%. These script variables are resolved using SessionDisplayVariableCollection.

SessionDisplayScript can translate environment variables that use standard script notation.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionDisplayScript Members

Programmatically accesses scripts created for the Microsoft Host Integration Server 3270 client.



The following tables list the members exposed by the [SessionDisplayScript](#) type.

## Public Constructors

Name	Description
<a href="#">SessionDisplayScript</a>	Overloaded. Creates a new instance of the <a href="#">SessionDisplayScript</a> class.








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## Public Properties

Name	Description
 <a href="#">ScriptFile</a>	Gets or sets the underlying script file.
 <a href="#">ScriptVariables</a>	Gets or sets the underlying variable collection used when playing the script.



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## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Parse</a>	Parses and validates the script.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

## Reference

[SessionDisplayScript Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplayScript Constructor

Creates a new instance of the [SessionDisplayScript](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

Name	Description
 <a href="#">SessionDisplayScript(FileInfo)</a>	Creates a new instance of the <a href="#">SessionDisplayScript</a> class, using the specified script file.
 <a href="#">SessionDisplayScript(FileInfo, SessionDisplayVariableCollection)</a>	Creates a new instance of the <a href="#">SessionDisplayScript</a> class, using the specified script file and variables.

## See Also

[SessionDisplayScript Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionDisplayScript Constructor (FileInfo)

Creates a new instance of the [SessionDisplayScript](#) class, using the specified script file.

## Syntax

C#

```
public SessionDisplayScript(
    FileInfo scriptFile
)
```

C++

```
public:
    SessionDisplayScript(
        FileInfo^ scriptFile
    )
```

F#

```
new :
    scriptFile:FileInfo -> SessionDisplayScript
```

VB

```
Public Sub New (
    scriptFile As FileInfo
)
```

## Parameters

*scriptFile*

Type: [System.IO.FileInfo](#)

The script file to access programmatically.

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### SessionDisplayScript Constructor (FileInfo, SessionDisplayVariableCollection)

Creates a new instance of the [SessionDisplayScript](#) class, using the specified script file and variables.

## Syntax

C#

```
public SessionDisplayScript(
    FileInfo scriptFile,
    SessionDisplayVariableCollection scriptVariables
)
```

```
)
```

C++

```
public:
SessionDisplayScript(
    FileInfo^ scriptFile,
    SessionDisplayVariableCollection^ scriptVariables
)
```

F#

```
new :
    scriptFile:FileInfo *
    scriptVariables:SessionDisplayVariableCollection -> SessionDisplayScript
```

VB

```
Public Sub New (
    scriptFile As FileInfo,
    scriptVariables As SessionDisplayVariableCollection
)
```

#### Parameters

*scriptFile*

Type: [System.IO.FileInfo](#)

The script file to access programmatically.

*scriptVariables*

Type: [Microsoft.HostIntegration.SNA.Session.SessionDisplayVariableCollection](#)

The collection of variables to use in the script file.

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# SessionDisplayScript Constructor (FileInfo)

Creates a new instance of the [SessionDisplayScript](#) class, using the specified script file.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    scriptFile As FileInfo _
)
```

C#

```
public SessionDisplayScript (
    FileInfo scriptFile
)
```

C++

```
public:
    SessionDisplayScript (
        FileInfo^ scriptFile
    )
```

J#

```
public SessionDisplayScript (
    FileInfo scriptFile
)
```

JScript

```
public function SessionDisplayScript (
    scriptFile : FileInfo
)
```

## Parameters

scriptFile

The script file to access programmatically.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayScript Class](#)

[SessionDisplayScript Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayScript Constructor (FileInfo, SessionDisplayVariableCollection)

Creates a new instance of the [SessionDisplayScript](#) class, using the specified script file and variables.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    scriptFile As FileInfo, _
    scriptVariables As SessionDisplayVariableCollection _
)
```

C#

```
public SessionDisplayScript (
    FileInfo scriptFile,
    SessionDisplayVariableCollection scriptVariables
)
```

C++

```
public:
    SessionDisplayScript (
        FileInfo^ scriptFile,
        SessionDisplayVariableCollection^ scriptVariables
    )
```

J#

```
public SessionDisplayScript (
    FileInfo scriptFile,
    SessionDisplayVariableCollection scriptVariables
)
```

JScript

```
public function SessionDisplayScript (
    scriptFile : FileInfo,
    scriptVariables : SessionDisplayVariableCollection
)
```

## Parameters

scriptFile

The script file to access programmatically.

scriptVariables

The collection of variables to use in the script file.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[SessionDisplayScript Class](#)

[SessionDisplayScript Members](#)





# SessionDisplayScript Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Parse</a>	Parses and validates the script.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [SessionDisplayScript Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayScript.Parse Method

Parses and validates the script.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Parse
```

C#

```
public void Parse ()
```

C++

```
public:  
void Parse ()
```

J#

```
public void Parse ()
```

JScript

```
public function Parse ()
```

Remarks

You can use Parse to ensure that the script and variables are correct prior to playing the script with the Play method.

A SessionException will be thrown if the script doesn't pass the validation. The InnerException should contain the actual information about the parse problem.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**



[SessionDisplayScript Class](#)

[SessionDisplayScript Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayScript Properties

## Public Properties

	Name	Description
	<a href="#">ScriptFile</a>	Gets or sets the underlying script file.
	<a href="#">ScriptVariables</a>	Gets or sets the underlying variable collection used when playing the script.

See Also

### Reference

[SessionDisplayScript Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayScript.ScriptFile Property

Gets or sets the underlying script file.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ScriptFile As FileInfo
```

C#

```
public FileInfo ScriptFile { get; set; }
```

C++

```
public:
property FileInfo^ ScriptFile {
    FileInfo^ get ();
    void set (FileInfo^ value);
}
```

J#

```
/** @property */
public FileInfo get_ScriptFile ()

/** @property */
public void set_ScriptFile (FileInfo value)
```

JScript

```
public function get ScriptFile () : FileInfo

public function set ScriptFile (value : FileInfo)
```

## Property Value

The underlying script file.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayScript Class](#)

[SessionDisplayScript Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayScript.ScriptVariables Property

Gets or sets the underlying variable collection used when playing the script.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ScriptVariables As SessionDisplayVariableCollection
```

C#

```
public SessionDisplayVariableCollection ScriptVariables { get; set; }
```

C++

```
public:
property SessionDisplayVariableCollection^ ScriptVariables {
    SessionDisplayVariableCollection^ get ();
    void set (SessionDisplayVariableCollection^ value);
}
```

J#

```
/** @property */
public SessionDisplayVariableCollection get_ScriptVariables ()

/** @property */
public void set_ScriptVariables (SessionDisplayVariableCollection value)
```

JScript

```
public function get ScriptVariables () : SessionDisplayVariableCollection

public function set ScriptVariables (value : SessionDisplayVariableCollection)
```

## Property Value

The underlying variable collection used when playing the script.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayScript Class](#)

[SessionDisplayScript Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionDisplayTransport Enumeration

Contains the possible transport values for establishing a SessionDisplayConnection.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum SessionDisplayTransport
```

C++

```
public enum class SessionDisplayTransport
```

F#

```
type SessionDisplayTransport
```

VB

```
Public Enumeration SessionDisplayTransport
```

Members

Member name	Description
<b>SNA</b>	The session will be connected using a TN3270 transport.
<b>TN3270</b>	The session will be connected using the Host Integration server client server transport.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionDisplayVariableCollection Class

Provides variables you can use in Session Integrator scripts.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionDisplayVariableCollection**

Syntax

C#

```
public class SessionDisplayVariableCollection
```

C++

```
public ref class SessionDisplayVariableCollection
```


F#

```
type SessionDisplayVariableCollection = class end
```



VB

```
Public Class SessionDisplayVariableCollection
```










Constructors

	Name	Description
	<a href="#">SessionDisplayVariableCollection(String)</a>	Creates a new instance of the <b>SessionDisplayVariableCollection</b> using the specified name=value pairs.

Properties

	Name	Description
	<a href="#">Count</a>	Gets the number of key/value pairs in the collection.
	<a href="#">Item(String)</a>	Gets the value associated with the specified name from the current instance.

Methods

	Name	Description
	<a href="#">Add(String, String)</a>	Adds a single-named value to the collection.
	<a href="#">Clear()</a>	Clears the collection.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Remove(String)</a>	Removes the specified variable from the collection.
	<a href="#">ToString()</a>	Returns the current collection as a string value.(Overrides <a href="#">Object.ToString()</a> .)

Remarks

SessionDisplayVariableCollection is designed to be used with SessionDisplayScript to provide variables that can be replaced in a script.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionDisplayVariableCollection Members

Provides variables you can use in Session Integrator scripts.



The following tables list the members exposed by the [SessionDisplayVariableCollection](#) type.

## Public Constructors

Name	Description
<a href="#">SessionDisplayVariableCollection</a>	Creates a new instance of the <a href="#">SessionDisplayVariableCollection</a> using the specified name=value pairs.










## Top

## Public Properties

Name	Description
 <a href="#">Count</a>	Gets the number of key/value pairs in the collection.
 <a href="#">Item</a>	Gets the value associated with the specified name from the current instance.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Adds a single-named value to the collection.
	<a href="#">Clear</a>	Clears the collection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Removes the specified variable from the collection.
	<a href="#">ToString</a>	Overridden. Returns the current collection as a string value.

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection Constructor

Creates a new instance of the [SessionDisplayVariableCollection](#) using the specified name=value pairs.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    variables As String _
)
```

C#

```
public SessionDisplayVariableCollection (
    string variables
)
```

C++

```
public:
    SessionDisplayVariableCollection (
        String^ variables
    )
```

J#

```
public SessionDisplayVariableCollection (
    String variables
)
```

JScript

```
public function SessionDisplayVariableCollection (
    variables : String
)
```

## Parameters

variables

A string with name=value pairs separated by semicolons used to build the collection.

Remarks

The constructor allows the user to provide semicolon-separated name/value pairs as input.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference










[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Add</a>	Adds a single-named value to the collection.
	<a href="#">Clear</a>	Clears the collection.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Remove</a>	Removes the specified variable from the collection.
	<a href="#">ToString</a>	Overridden. Returns the current collection as a string value.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection.Add Method

Adds a single-named value to the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Add ( _
    name As String, _
    value As String _
)
```

C#

```
public void Add (
    string name,
    string value
)
```

C++

```
public:
void Add (
    String^ name,
    String^ value
)
```

J#

```
public void Add (
    String name,
    String value
)
```

JScript

```
public function Add (
    name : String,
    value : String
)
```

## Parameters

name

Name of the variable to add to the collection.

value

Value to be associated with the new variable.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)





# SessionDisplayVariableCollection.Clear Method

Clears the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Clear
```

C#

```
public void Clear ()
```

C++

```
public:  
void Clear ()
```

J#

```
public void Clear ()
```

JScript

```
public function Clear ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection.Remove Method

Removes the specified variable from the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Remove ( _
    name As String _
)
```

C#

```
public void Remove (
    string name
)
```

C++

```
public:
void Remove (
    String^ name
)
```

J#

```
public void Remove (
    String name
)
```

JScript

```
public function Remove (
    name : String
)
```

## Parameters

name

The name of the variable to remove.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection.ToString Method

Returns the current collection as a string value.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

A semicolon-separated string containing each name/value pair of the collection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection Properties

Public Properties

	Name	Description
	Count	Gets the number of key/value pairs in the collection.
	Item	Gets the value associated with the specified name from the current instance.

See Also

Reference

- [SessionDisplayVariableCollection Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection.Count Property

Gets the number of key/value pairs in the collection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Count As Integer
```

C#

```
public int Count { get; }
```

C++

```
public:
property int Count {
    int get ();
}
```

J#

```
/** @property */
public int get_Count ()
```

JScript

```
public function get Count () : int
```

## Property Value

The number of key/value pairs in the collection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayVariableCollection.Item Property

Gets the value associated with the specified name from the current instance.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Default Property Item ( _
    name As String _
) As String
```

C#

```
public string this [
    string name
] { get; }
```

C++

```
public:
property String^ default [String^] {
    String^ get (String^ name);
}
```

J#

```
/** @property */
public String get_Item (String name)
```

JScript

## Parameters

name

The name to search on.

## Property Value

The value associated with the specified name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionDisplayVariableCollection Class](#)

[SessionDisplayVariableCollection Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionDisplayWaitType Enumeration

Contains the possible wait types that can be used when calling the wait functions.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum SessionDisplayWaitType
```

C++

```
public enum class SessionDisplayWaitType
```

F#

```
type SessionDisplayWaitType
```

VB

```
Public Enumeration SessionDisplayWaitType
```

Members

Member name	Description
Active	The underlying session is active.
NotBusy	The underlying session is not busy.
NotLocked	The underlying session is not locked
PLUSLU	The underlying session is a primary logical unit-secondary logical unit (PLU-SLU).
SSCP	The underlying session is a secondary logical unit (SSCP-LU).

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionException Class

Represents a session exception.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Exception](#)  
[System.ApplicationException](#)  
**Microsoft.HostIntegration.SNA.Session.SessionException**

Syntax  
C#

```
[SerializableAttribute]  
public class SessionException : ApplicationException
```

C++

```
[SerializableAttribute]  
public ref class SessionException : ApplicationException
```







F#

```
[<SerializableAttribute>]  
type SessionException =  
    class  
        inherit ApplicationException  
    end
```



VB

```
<SerializableAttribute>  
Public Class SessionException  
    Inherits ApplicationException
```








## Constructors

	Name	Description
	<a href="#">SessionException()</a>	Creates a new instance of the <b>SessionException</b> class.
	<a href="#">SessionException(SerializationInfo, StreamingContext)</a>	Creates a new instance of the <b>SessionException</b> class which can be serialized.
	<a href="#">SessionException(SessionStatus)</a>	Creates a new instance of the <b>SessionException</b> class using the specified status.
	<a href="#">SessionException(SessionStatus, Exception)</a>	Creates a new instance of the <b>SessionException</b> class using the specified status and Exception as "InnerException".
	<a href="#">SessionException(String)</a>	Creates a new instance of the <b>SessionException</b> class using the string as the Message property.
	<a href="#">SessionException(String, Exception)</a>	Creates a new instance of the <b>SessionException</b> class using the string as Message and exception as InnerException.










## Properties

	Name	Description
	<a href="#">Data</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">ErrorCode</a>	Retrieves the error code.




	<a href="#">HelpLink</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">HResult</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">InnerException</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">Message</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">Source</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">StackTrace</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">TargetSite</a>	(Inherited from <a href="#">Exception</a> .)

#### Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">EvaluateHR(Int32)</a>	Evaluates the HR.
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetBaseException()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetObjectData(SerializationInfo, StreamingContext)</a>	Applies to Serialization only.(Overrides <a href="#">Exception.GetObjectData(SerializationInfo, StreamingContext)</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Exception</a> .)

#### Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(Inherited from <a href="#">Exception</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionException Members

Represents a session exception.

The following tables list the members exposed by the [SessionException](#) type.

Public Constructors (see also [Protected Constructors](#))

Name	Description
<a href="#">SessionException</a>	Overloaded.









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Protected Constructors

Name	Description
<a href="#">SessionException</a>	Overloaded.


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Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">ErrorCode</a>	Retrieves the error code.
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )









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Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">EvaluateHR</a>	Evaluates the HR.
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	Overridden. Applies to Serialization only.
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )


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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

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See Also

**Reference**

[SessionException Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)







# SessionException Constructor

Creates a new instance of the [SessionException](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** [Microsoft.HostIntegration.SNA.Session](#) (in [Microsoft.HostIntegration.SNA.Session.dll](#))

## Overload List

Name	Description
 <a href="#">SessionException()</a>	Creates a new instance of the <a href="#">SessionException</a> class.
 <a href="#">SessionException(SerializationInfo, StreamingContext)</a>	Creates a new instance of the <a href="#">SessionException</a> class which can be serialized.
 <a href="#">SessionException(SessionStatus)</a>	Creates a new instance of the <a href="#">SessionException</a> class using the specified status.
 <a href="#">SessionException(SessionStatus, Exception)</a>	Creates a new instance of the <a href="#">SessionException</a> class using the specified status and Exception as "InnerException".
 <a href="#">SessionException(String)</a>	Creates a new instance of the <a href="#">SessionException</a> class using the string as the Message property.
 <a href="#">SessionException(String, Exception)</a>	Creates a new instance of the <a href="#">SessionException</a> class using the string as Message and exception as InnerException.

## See Also

[SessionException Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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## SessionException Constructor ()

Creates a new instance of the [SessionException](#) class.

## Syntax

C#

```
public SessionException()
```

C++

```
public:  
SessionException()
```

F#

```
new : unit -> SessionException
```

VB

```
Public Sub New
```

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## SessionException Constructor (SerializationInfo, StreamingContext)

Creates a new instance of the [SessionException](#) class which can be serialized.

## Syntax

C#

```
protected SessionException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

C++

```
protected:
SessionException(
    SerializationInfo^ info,
    StreamingContext context
)
```

F#

```
new :
    info:SerializationInfo *
    context:StreamingContext -> SessionException
```

VB

```
Protected Sub New (
    info As SerializationInfo,
    context As StreamingContext
)
```

#### Parameters

*info*

Type: [System.Runtime.Serialization.SerializationInfo](#)  
The information.

*context*

Type: [System.Runtime.Serialization.StreamingContext](#)  
The context.

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#### SessionException Constructor (SessionStatus)

Creates a new instance of the [SessionException](#) class using the specified status.

Syntax

C#

```
public SessionException(
    SessionStatus status
)
```

C++

```
public:
SessionException(
    SessionStatus status
)
```

F#

```
new :
    status:SessionStatus -> SessionException
```

VB

```
Public Sub New (
    status As SessionStatus
)
```

#### Parameters

*status*

Type: [Microsoft.HostIntegration.SNA.Session.SessionStatus](#)  
The session status message.

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### SessionException Constructor (SessionStatus, Exception)

Creates a new instance of the [SessionException](#) class using the specified status and Exception as "InnerException".

Syntax

C#

```
public SessionException(  
    SessionStatus status,  
    Exception innerException  
)
```

C++

```
public:  
SessionException(  
    SessionStatus status,  
    Exception^ innerException  
)
```

F#

```
new :  
    status:SessionStatus *  
    innerException:Exception -> SessionException
```

VB

```
Public Sub New (  
    status As SessionStatus,  
    innerException As Exception  
)
```

### Parameters

*status*

Type: [Microsoft.HostIntegration.SNA.Session.SessionStatus](#)

The session status message.

*innerException*

Type: [System.Exception](#)

Additional information regarding the status message.

[Return to top](#)

### SessionException Constructor (String)

Creates a new instance of the [SessionException](#) class using the string as the Message property.

Syntax

C#

```
public SessionException(  
    string message  
)
```

C++

```
public:  
SessionException(  
    String^ message  
)
```

F#

```
new :  
    message:string -> SessionException
```

VB

```
Public Sub New (  
    message As String  
)
```

#### Parameters

*message*

Type: [System.String](#)

The message property.

[Return to top](#)

#### SessionException Constructor (String, Exception)

Creates a new instance of the [SessionException](#) class using the string as Message and exception as InnerException.

Syntax

C#

```
public SessionException(  
    string message,  
    Exception innerException  
)
```

C++

```
public:  
SessionException(  
    String^ message,  
    Exception^ innerException  
)
```

F#

```
new :  
    message:string *  
    innerException:Exception -> SessionException
```

VB

```
Public Sub New (  
    message As String,  
    innerException As Exception  
)
```

#### Parameters

*message*

Type: [System.String](#)

The message.

*innerException*

Type: [System.Exception](#)

The inner exception.

[Return to top](#)

# SessionException Constructor ()

Creates a new instance of the [SessionException](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public SessionException ()
```

C++

```
public:  
SessionException ()
```

J#

```
public SessionException ()
```

JScript

```
public function SessionException ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Constructor (SessionStatus)

Creates a new instance of the [SessionException](#) class using the specified status.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    status As SessionStatus _
)
```

C#

```
public SessionException (
    SessionStatus status
)
```

C++

```
public:
    SessionException (
        SessionStatus status
    )
```

J#

```
public SessionException (
    SessionStatus status
)
```

JScript

```
public function SessionException (
    status : SessionStatus
)
```

## Parameters

status

The session status message.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionException Constructor (String)

Creates a new instance of the [SessionException](#) class using the string as the Message property.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String _
)
```

C#

```
public SessionException (
    string message
)
```

C++

```
public:
    SessionException (
        String^ message
    )
```

J#

```
public SessionException (
    String message
)
```

JScript

```
public function SessionException (
    message : String
)
```

## Parameters

message

The message property.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Constructor (SerializationInfo, StreamingContext)

Creates a new instance of the [SessionException](#) class which can be serialized.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub New ( _
    info As SerializationInfo, _
    context As StreamingContext _
)
```

C#

```
protected SessionException (
    SerializationInfo info,
    StreamingContext context
)
```

C++

```
protected:
SessionException (
    SerializationInfo^ info,
    StreamingContext context
)
```

J#

```
protected SessionException (
    SerializationInfo info,
    StreamingContext context
)
```

JScript

```
protected function SessionException (
    info : SerializationInfo,
    context : StreamingContext
)
```

## Parameters

info

The information.

context

The context.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionException Class](#)

[SessionException Members](#)



# SessionException Constructor (SessionStatus, Exception)

Creates a new instance of the [SessionException](#) class using the specified status and Exception as "InnerException".

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    status As SessionStatus, _
    innerException As Exception _
)
```

C#

```
public SessionException (
    SessionStatus status,
    Exception innerException
)
```

C++

```
public:
    SessionException (
        SessionStatus status,
        Exception^ innerException
    )
```

J#

```
public SessionException (
    SessionStatus status,
    Exception innerException
)
```

JScript

```
public function SessionException (
    status : SessionStatus,
    innerException : Exception
)
```

## Parameters

status

The session status message.

innerException

Additional information regarding the status message.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Constructor (String, Exception)

Creates a new instance of the [SessionException](#) class using the string as Message and exception as InnerException.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String, _
    innerException As Exception _
)
```

C#

```
public SessionException (
    string message,
    Exception innerException
)
```

C++

```
public:
SessionException (
    String^ message,
    Exception^ innerException
)
```

J#

```
public SessionException (
    String message,
    Exception innerException
)
```

JScript

```
public function SessionException (
    message : String,
    innerException : Exception
)
```

## Parameters

message

The message.

innerException

The inner exception.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference











[SessionException Class](#)

[SessionException Members](#)




[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 	<a href="#">EvaluateHR</a>	Evaluates the HR.
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	Overridden. Applies to Serialization only.
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [SessionException Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException.EvaluateHR Method

Evaluates the HR.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub EvaluateHR ( _
    hr As Integer _
)
```

C#

```
public static void EvaluateHR (
    int hr
)
```

C++

```
public:
static void EvaluateHR (
    int hr
)
```

J#

```
public static void EvaluateHR (
    int hr
)
```

JScript

```
public static function EvaluateHR (
    hr : int
)
```

## Parameters

hr

The HR to evaluate.

## Remarks

Evaluates an HR and throws an exception should it be warranted. The HR is typically a return code from the underlying COM3270 Interface.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## Platforms

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException.GetObjectData Method

Applies to Serialization only.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
<SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter:=True)> _
Public Overrides Sub GetObjectData ( _
    info As SerializationInfo, _
    context As StreamingContext _
)
```

C#

```
[SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter=true)]
public override void GetObjectData (
    SerializationInfo info,
    StreamingContext context
)
```

C++

```
[SecurityPermissionAttribute(SecurityAction::Demand, SerializationFormatter=true)]
public:
virtual void GetObjectData (
    SerializationInfo^ info,
    StreamingContext context
) override
```

J#

```
/** @attribute SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter=tr
ue) */
public void GetObjectData (
    SerializationInfo info,
    StreamingContext context
)
```

JScript

```
public override function GetObjectData (
    info : SerializationInfo,
    context : StreamingContext
)
```

## Parameters

info

The serialization information.

context

The streaming context.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2



**Target Platforms**

See Also

**Reference**









[SessionException Class](#)

[SessionException Members](#)


[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">ErrorCode</a>	Retrieves the error code.
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )

Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )

See Also

**Reference**

- [SessionException Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException.ErrorCode Property

Retrieves the error code.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ErrorCode As SessionStatus
```

C#

```
public SessionStatus ErrorCode { get; }
```

C++

```
public:
property SessionStatus ErrorCode {
    SessionStatus get ();
}
```

J#

```
/** @property */
public SessionStatus get_ErrorCode ()
```

JScript

```
public function get ErrorCode () : SessionStatus
```

## Property Value

A SessionStatus containing the error code.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[SessionException Class](#)

[SessionException Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionException Events

Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

See Also

Reference

- [SessionException Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0 Class

Represents a programmable SNA Session to a mainframe.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionLU0**

Syntax

C#

```
public class SessionLU0
```

C++

```
public ref class SessionLU0
```



F#

```
type SessionLU0 = class end
```




VB

```
Public Class SessionLU0
```









Constructors








Name	Description
 <a href="#">SessionLU0()</a>	Creates a new instance of the <b>SessionLU0</b> class.
 <a href="#">SessionLU0(SessionConnectionLU0)</a>	Creates a new instance of the <b>SessionLU0</b> class using the specified connection.

Properties

Name	Description
 <a href="#">Connection</a>	Gets a value that describes the underlying LU0 session connection.
 <a href="#">IsConnected</a>	Gets a value that describes whether an underlying session connection exists.
 <a href="#">SenseCode</a>	Gets the value of the last Sense Code returned by the mainframe.

Methods

Name	Description
 <a href="#">Connect(SessionConnectionLU0)</a>	Initializes an LU0 session with a connection that has been connected to previously.
 <a href="#">Connect(SessionConnectionLU0, SessionLU0InitType)</a>	Initializes the LU0 session using the specified connection and initialization information.
 <a href="#">Connect(String, SessionLU0InitType)</a>	Initializes the LU0 session using the specified connection string and initialization information.
 <a href="#">Disconnect()</a>	Disconnects from the LU0 session.
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	Finalizes the LU0 session object.(Overrides <a href="#">Object.Finalize()</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)

 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Receive(Int32, Boolean)</a>	Receives information from the session.
 <a href="#">Send(SessionLU0Data)</a>	Sends a complete inbound chain of data on an LU0 session using the specified data.
 <a href="#">Send(SessionLU0SendIndication, SessionLU0Data)</a>	Sends a complete inbound chain of data on an LU0 session.
 <a href="#">SendResponse(Int32)</a>	Sends a response or courtesy acknowledgment to the host using the specified sense code.
 <a href="#">SendResponse(Int32, SessionLU0SendIndication)</a>	Sends a response or courtesy acknowledgement to the Host.
 <a href="#">ToString()</a>	Translates the current instance data to a string.(Overrides <a href="#">Object.ToString()</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# SessionLU0 Members

Represents a programmable SNA Session to a mainframe.




The following tables list the members exposed by the [SessionLU0](#) type.

## Public Constructors

Name	Description
<a href="#">SessionLU0</a>	Overloaded. Creates a new instance of the <a href="#">SessionLU0</a> class.












## Top

## Public Properties

Name	Description
 <a href="#">Connection</a>	Gets a value that describes the underlying LU0 session connection.
 <a href="#">IsConnected</a>	Gets a value that describes whether an underlying session connection exists.
 <a href="#">SenseCode</a>	Gets the value of the last Sense Code returned by the mainframe.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Connect</a>	Overloaded. Initializes the LU0 session.
 <a href="#">Disconnect</a>	Disconnects from the LU0 session.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Receive</a>	Receives information from the session.
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">Send</a>	Overloaded. Sends a complete inbound chain for data on an LU0 session.
 <a href="#">SendResponse</a>	Overloaded. Sends a response or courtesy acknowledgement to the host.
 <a href="#">ToString</a>	Overridden. Translates the current instance data to a string.

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	Overridden. Finalizes the LU0 session object.
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[SessionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionLU0 Constructor

Creates a new instance of the [SessionLU0](#) class.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">SessionLU0()</a>	Creates a new instance of the <a href="#">SessionLU0</a> class.
 <a href="#">SessionLU0(SessionConnectionLU0)</a>	Creates a new instance of the <a href="#">SessionLU0</a> class using the specified connection.

See Also

[SessionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

### SessionLU0 Constructor ()

Creates a new instance of the [SessionLU0](#) class.

Syntax

C#

```
public SessionLU0()
```

C++

```
public:  
SessionLU0()
```

F#

```
new : unit -> SessionLU0
```

VB

```
Public Sub New
```

Examples

### Legacy Code Example

```
public partial class Form1 : Form  
{  
    private SessionLU0 _session = null;  
    // as the LU0 managed wrapper does no tracing  
    // we will trace the data contents to the provided text box  
    private TextBox m_TextBox = null;  
    private Font m_FixedFont;  
  
    private void CreateSession_Click(object sender, EventArgs e)  
    {  
        try  
        {  
            LUName.Text = LUName.Text.Trim();  
            if (LUName.Text.Length == 0)  
            {  
                MessageBox.Show("You must fill out the LU or Pool Name");  
                return;  
            }  
            _session = new SessionLU0();  
            _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0InitType.SSCP);  
  
            // receive the logon screen
```



```

SessionLU0Data receivedData = _session.Receive(20000, true);
// trace out the received data
TraceData(false, receivedData.Data, receivedData.Indication);
// disable every button and text box
DisableEverything();

// Insert User/Password
EnableInsertUserId();
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
}

```

[Return to top](#)

### SessionLU0 Constructor (SessionConnectionLU0)

Creates a new instance of the [SessionLU0](#) class using the specified connection.

Syntax

C#

```

public SessionLU0(
    SessionConnectionLU0 connection
)

```

C++

```

public:
    SessionLU0(
        SessionConnectionLU0^ connection
    )

```

F#

```

new :
    connection:SessionConnectionLU0 -> SessionLU0

```

VB

```

Public Sub New (
    connection As SessionConnectionLU0
)

```

### Parameters

*connection*

Type: [Microsoft.HostIntegration.SNA.Session.SessionConnectionLU0](#)

Describes the connection to the LU0 session.

[Return to top](#)

# SessionLU0 Constructor ()

Creates a new instance of the [SessionLU0](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public SessionLU0 ()
```

C++

```
public:
SessionLU0 ()
```

J#

```
public SessionLU0 ()
```

JScript

```
public function SessionLU0 ()
```

Example

```
public partial class Form1 : Form
{
    private SessionLU0 _session = null;
    // as the LU0 managed wrapper does no tracing
    // we will trace the data contents to the provided text box
    private TextBox m_TextBox = null;
    private Font m_FixedFont;

    private void CreateSession_Click(object sender, EventArgs e)
    {
        try
        {
            LUName.Text = LUName.Text.Trim();
            if (LUName.Text.Length == 0)
            {
                MessageBox.Show("You must fill out the LU or Pool Name");
                return;
            }
            _session = new SessionLU0();
            _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0InitType.SSCP);

            // receive the logon screen
            SessionLU0Data receivedData = _session.Receive(20000, true);
            // trace out the received data
            TraceData(false, receivedData.Data, receivedData.Indication);
            // disable every button and text box
            DisableEverything();

            // Insert User/Password
            EnableInsertUserId();
        }
        catch (Exception ex)
```

```
{  
    MessageBox.Show(ex.Message);  
}  
}
```

RemarksThe default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0 Constructor (SessionConnectionLU0)

Creates a new instance of the [SessionLU0](#) class using the specified connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    connection As SessionConnectionLU0 _
)
```

C#

```
public SessionLU0 (
    SessionConnectionLU0 connection
)
```

C++

```
public:
    SessionLU0 (
        SessionConnectionLU0^ connection
    )
```

J#

```
public SessionLU0 (
    SessionConnectionLU0 connection
)
```

JScript

```
public function SessionLU0 (
    connection : SessionConnectionLU0
)
```

## Parameters

connection

Describes the connection to the LU0 session.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference












[SessionLU0 Class](#)

[SessionLU0 Members](#)



[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0 Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Connect</a>	Overloaded. Initializes the LU0 session.
	<a href="#">Disconnect</a>	Disconnects from the LU0 session.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Receive</a>	Receives information from the session.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Send</a>	Overloaded. Sends a complete inbound chain for data on an LU0 session.
	<a href="#">SendResponse</a>	Overloaded. Sends a response or courtesy acknowledgement to the host.
	<a href="#">ToString</a>	Overridden. Translates the current instance data to a string.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	Overridden. Finalizes the LU0 session object.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[SessionLU0 Class](#)




[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.Connect Method

Initializes the LU0 session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

Name	Description
 <a href="#">Connect(SessionConnectionLU0)</a>	Initializes an LU0 session with a connection that has been connected to previously.
 <a href="#">Connect(SessionConnectionLU0, SessionLU0InitType)</a>	Initializes the LU0 session using the specified connection and initialization information.
 <a href="#">Connect(String, SessionLU0InitType)</a>	Initializes the LU0 session using the specified connection string and initialization information.

See Also  
[SessionLU0 Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)  
**SessionLU0.Connect Method (SessionConnectionLU0)**  
Initializes an LU0 session with a connection that has been connected to previously.

Syntax  
C#

```
public void Connect(  
    SessionConnectionLU0 connection  
)
```

C++

```
public:  
void Connect(  
    SessionConnectionLU0^ connection  
)
```

F#

```
member Connect :  
    connection:SessionConnectionLU0 -> unit
```

VB

```
Public Sub Connect (  
    connection As SessionConnectionLU0  
)
```

**Parameters**  
*connection*  
Type: [Microsoft.HostIntegration.SNA.Session.SessionConnectionLU0](#)  
A valid connection string.

Examples  
**Legacy Code Example**

```
public partial class Form1 : Form  
{  
    private SessionLU0 _session = null;  
    // as the LU0 managed wrapper does no tracing
```

```

// we will trace the data contents to the provided text box
private TextBox m_TextBox = null;
private Font m_FixedFont;

private void CreateSession_Click(object sender, EventArgs e)
{
    try
    {
        LUName.Text = LUName.Text.Trim();
        if (LUName.Text.Length == 0)
        {
            MessageBox.Show("You must fill out the LU or Pool Name");
            return;
        }
        _session = new SessionLU0(); _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0
InitType.SSCP);

        // receive the logon screen
        SessionLU0Data receivedData = _session.Receive(20000, true);
        // trace out the received data
        TraceData(false, receivedData.Data, receivedData.Indication);
        // disable every button and text box
        DisableEverything();

        // Insert User/Password
        EnableInsertUserId();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

```

}

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#### **SessionLU0.Connect Method (SessionConnectionLU0, SessionLU0InitType)**

Initializes the LU0 session using the specified connection and initialization information.

Syntax

C#

```

public void Connect(
    SessionConnectionLU0 connection,
    SessionLU0InitType initType
)

```

C++

```

public:
void Connect(
    SessionConnectionLU0^ connection,
    SessionLU0InitType initType
)

```

F#

```

member Connect :
    connection:SessionConnectionLU0 *
    initType:SessionLU0InitType -> unit

```

VB

```

Public Sub Connect (
    connection As SessionConnectionLU0,
    initType As SessionLU0InitType
)

```

## Parameters

*connection*

Type: [Microsoft.HostIntegration.SNA.Session.SessionConnectionLU0](#)

A valid session connection with enough information to make a connection.

*initType*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0InitType](#)

The initialization information to use to initialize the session.

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## SessionLU0.Connect Method (String, SessionLU0InitType)

Initializes the LU0 session using the specified connection string and initialization information.

Syntax

C#

```
public void Connect(  
    string connectionString,  
    SessionLU0InitType initType  
)
```

C++

```
public:  
void Connect(  
    String^ connectionString,  
    SessionLU0InitType initType  
)
```

F#

```
member Connect :  
    connectionString:string *  
    initType:SessionLU0InitType -> unit
```

VB

```
Public Sub Connect (  
    connectionString As String,  
    initType As SessionLU0InitType  
)
```

## Parameters

*connectionString*

Type: [System.String](#)

A valid connection string.

*initType*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0InitType](#)

The initialization information to use to initialize the session.

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# SessionLU0.Connect Method (SessionConnectionLU0)

Initializes an LU0 session with a connection that has been connected to previously.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connection As SessionConnectionLU0 _
)
```

C#

```
public void Connect (
    SessionConnectionLU0 connection
)
```

C++

```
public:
void Connect (
    SessionConnectionLU0^ connection
)
```

J#

```
public void Connect (
    SessionConnectionLU0 connection
)
```

JScript

```
public function Connect (
    connection : SessionConnectionLU0
)
```

## Parameters

connection

A valid connection string.

## Example

```
public partial class Form1 : Form
{
    private SessionLU0 _session = null;
    // as the LU0 managed wrapper does no tracing
    // we will trace the data contents to the provided text box
    private TextBox m_TextBox = null;
    private Font m_FixedFont;

    private void CreateSession_Click(object sender, EventArgs e)
    {
        try
        {
            LUName.Text = LUName.Text.Trim();
            if (LUName.Text.Length == 0)
            {
                MessageBox.Show("You must fill out the LU or Pool Name");
                return;
            }
        }
    }
}
```

```

_session = new SessionLU0(); _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0
InitType.SSCP);

// receive the logon screen
SessionLU0Data receivedData = _session.Receive(20000, true);
// trace out the received data
TraceData(false, receivedData.Data, receivedData.Indication);
// disable every button and text box
DisableEverything();

// Insert User/Password
EnableInsertUserId();
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}

```

}

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

Change History

See Also

#### Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.Connect Method (SessionConnectionLU0, SessionLU0InitType)

Initializes the LU0 session using the specified connection and initialization information.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connection As SessionConnectionLU0, _
    initType As SessionLU0InitType _
)
```

C#

```
public void Connect (
    SessionConnectionLU0 connection,
    SessionLU0InitType initType
)
```

C++

```
public:
void Connect (
    SessionConnectionLU0^ connection,
    SessionLU0InitType initType
)
```

J#

```
public void Connect (
    SessionConnectionLU0 connection,
    SessionLU0InitType initType
)
```

JScript

```
public function Connect (
    connection : SessionConnectionLU0,
    initType : SessionLU0InitType
)
```

## Parameters

connection

A valid session connection with enough information to make a connection.

initType

The initialization information to use to initialize the session.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)  
[SessionLU0 Members](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.Connect Method (String, SessionLU0InitType)

Initializes the LU0 session using the specified connection string and initialization information.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Connect ( _
    connectionString As String, _
    initType As SessionLU0InitType _
)
```

C#

```
public void Connect (
    string connectionString,
    SessionLU0InitType initType
)
```

C++

```
public:
void Connect (
    String^ connectionString,
    SessionLU0InitType initType
)
```

J#

```
public void Connect (
    String connectionString,
    SessionLU0InitType initType
)
```

JScript

```
public function Connect (
    connectionString : String,
    initType : SessionLU0InitType
)
```

## Parameters

connectionString

A valid connection string.

initType

The initialization information to use to initialize the session.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)



# SessionLU0.Disconnect Method

Disconnects from the LU0 session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Disconnect
```

C#

```
public void Disconnect ()
```

C++

```
public:
void Disconnect ()
```

J#

```
public void Disconnect ()
```

JScript

```
public function Disconnect ()
```

Example

```
private void Disconnect_Click(object sender, EventArgs e)
{
    // disable every button and text box
    DisableEverything();
    _session.Disconnect();
    // go back to the original state of buttons
    SetOpeningState();
}
```

Remarks

After you call `Disconnect`, you must call `Connect` in order to re-establish a connection. This is true even if the call fails to complete successfully.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

Change History

See Also

**Reference**

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.Finalize Method

Finalizes the LU0 session object.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Overrides Sub Finalize
```

C#

```
~SessionLU0()
```

C++

```
!SessionLU0 ()
```

J#

```
protected void finalize ()
```

JScript

```
protected override function Finalize ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionLU0.Receive Method

Receives information from the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Function Receive ( _
    timeout As Integer, _
    autoAcknowledge As Boolean _
) As SessionLU0Data
```

C#

```
public SessionLU0Data Receive (
    int timeout,
    bool autoAcknowledge
)
```

C++

```
public:
SessionLU0Data^ Receive (
    int timeout,
    bool autoAcknowledge
)
```

J#

```
public SessionLU0Data Receive (
    int timeout,
    boolean autoAcknowledge
)
```

JScript

```
public function Receive (
    timeout : int,
    autoAcknowledge : boolean
) : SessionLU0Data
```

## Parameters

timeout

The length of time in seconds before a timeout occurs.

autoAcknowledge

**True** to send an automatic acknowledgment; otherwise, **false**.

## Return Value

A SessionLU0Data containing the LU0 session data.

Example

```
public partial class Form1 : Form
{
    private SessionLU0 _session = null;
    // as the LU0 managed wrapper does no tracing
    // we will trace the data contents to the provided text box
    private TextBox m_TextBox = null;
    private Font m_FixedFont;
```

```

private void CreateSession_Click(object sender, EventArgs e)
{
    try
    {
        LUName.Text = LUName.Text.Trim();
        if (LUName.Text.Length == 0)
        {
            MessageBox.Show("You must fill out the LU or Pool Name");
            return;
        }
        _session = new SessionLU0(); _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0
InitType.SSCP);

        // receive the logon screen
        SessionLU0Data receivedData = _session.Receive(20000, true);
        // trace out the received data
        TraceData(false, receivedData.Data, receivedData.Indication);
        // disable every button and text box
        DisableEverything();

        // Insert User/Password
        EnableInsertUserId();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

```

}

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### Target Platforms

Change History

See Also

#### Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionLU0.Send Method

Sends a complete inbound chain for data on an LU0 session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

## Overload List

Name	Description
 <a href="#">Send(SessionLU0Data)</a>	Sends a complete inbound chain of data on an LU0 session using the specified data.
 <a href="#">Send(SessionLU0SendIndication, SessionLU0Data)</a>	Sends a complete inbound chain of data on an LU0 session.

See Also

[SessionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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### SessionLU0.Send Method (SessionLU0Data)

Sends a complete inbound chain of data on an LU0 session using the specified data.

Syntax

C#

```
public void Send(  
    SessionLU0Data data  
)
```

C++

```
public:  
void Send(  
    SessionLU0Data^ data  
)
```

F#

```
member Send :  
    data:SessionLU0Data -> unit
```

VB

```
Public Sub Send (  
    data As SessionLU0Data  
)
```

## Parameters

*data*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0Data](#)

The data to send.

Examples

### Legacy Code Example

```
private void InsertUserId_Click(object sender, EventArgs e)  
{  
    try  
    {  
        // disable every button and text box  
        DisableEverything();  
        // Enter UserName (SNA200 is what is in the script)  
        // AID = 7D - Enter
```

```

byte AID = 0x7D;
// cursor address
byte ca1 = 0x5B;
byte ca2 = 0x6B;
// SBA
byte SBA = 0x11;
byte fa1 = 0x5B;
byte fa2 = 0xE5;
byte[] sna200 = HostStringConverter.ConvertUnicodeToEbcDic("SNA200");
// not sure what, 6D
byte sixD = 0x6D;
byte [] message = new byte [8 + sna200.Length ];
message[0] = AID;
message[1] = ca1;
message[2] = ca2;
message[3] = SBA;
message[4] = fa1;
message[5] = fa2;
Array.Copy(sna200, 0, message, 6, sna200.Length);
message[6 + sna200.Length] = sixD;
message[7 + sna200.Length] = sixD;
// send the stuff off
SessionLU0Data data = new SessionLU0Data();
data.Data = message;
// trace out the data to send
TraceData(true, message, 0);
_session.Send(data);
// allow entering director
EnableEnterDirector();
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
}

```

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#### **SessionLU0.Send Method (SessionLU0SendIndication, SessionLU0Data)**

Sends a complete inbound chain of data on an LU0 session.

Syntax

C#

```

public void Send(
    SessionLU0SendIndication indication,
    SessionLU0Data data
)

```

C++

```

public:
void Send(
    SessionLU0SendIndication indication,
    SessionLU0Data^ data
)

```

F#

```

member Send :
    indication:SessionLU0SendIndication *
    data:SessionLU0Data -> unit

```

VB

```

Public Sub Send (
    indication As SessionLU0SendIndication,
    data As SessionLU0Data

```

)

## Parameters

*indication*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0SendIndication](#)

Indicates how the data should be processed. Valid values are contained SessionLU0SendHint.

*data*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0Data](#)

The data to send.

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# SessionLU0.Send Method (SessionLU0Data)

Sends a complete inbound chain of data on an LU0 session using the specified data.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Send ( _
    data As SessionLU0Data _
)
```

C#

```
public void Send (
    SessionLU0Data data
)
```

C++

```
public:
void Send (
    SessionLU0Data^ data
)
```

J#

```
public void Send (
    SessionLU0Data data
)
```

JScript

```
public function Send (
    data : SessionLU0Data
)
```

## Parameters

data

The data to send.

## Example

```
private void InsertUserId_Click(object sender, EventArgs e)
{
    try
    {
        // disable every button and text box
        DisableEverything();
        // Enter UserName (SNA200 is what is in the script)
        // AID = 7D - Enter
        byte AID = 0x7D;
        // cursor address
        byte ca1 = 0x5B;
        byte ca2 = 0x6B;
        // SBA
        byte SBA = 0x11;
        byte fa1 = 0x5B;
        byte fa2 = 0xE5;
        byte[] sna200 = HostStringConverter.ConvertUnicodeToEbcDic("SNA200");
        // not sure what, 6D
```

```

byte sixD = 0x6D;
byte [] message = new byte [8 + sna200.Length ];
message[0] = AID;
message[1] = ca1;
message[2] = ca2;
message[3] = SBA;
message[4] = fa1;
message[5] = fa2;
Array.Copy(sna200, 0, message, 6, sna200.Length);
message[6 + sna200.Length] = sixD;
message[7 + sna200.Length] = sixD;
// send the stuff off
SessionLU0Data data = new SessionLU0Data();
data.Data = message;
// trace out the data to send
TraceData(true, message, 0);
_session.Send(data);
// allow entering director
EnableEnterDirector();
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
}

```

**Thread Safety** Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

Change History

See Also

#### **Reference**

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.Send Method (SessionLU0SendIndication, SessionLU0Data)

Sends a complete inbound chain of data on an LU0 session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Send ( _
    indication As SessionLU0SendIndication, _
    data As SessionLU0Data _
)
```

C#

```
public void Send (
    SessionLU0SendIndication indication,
    SessionLU0Data data
)
```

C++

```
public:
void Send (
    SessionLU0SendIndication indication,
    SessionLU0Data^ data
)
```

J#

```
public void Send (
    SessionLU0SendIndication indication,
    SessionLU0Data data
)
```

JScript

```
public function Send (
    indication : SessionLU0SendIndication,
    data : SessionLU0Data
)
```

## Parameters

indication

Indicates how the data should be processed. Valid values are contained SessionLU0SendHint.

data

The data to send.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference





[SessionLU0 Class](#)  
[SessionLU0 Members](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.SendResponse Method

Sends a response or courtesy acknowledgement to the host.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Overload List

Name	Description
 <a href="#">SendResponse(Int32)</a>	Sends a response or courtesy acknowledgement to the host using the specified sense code.
 <a href="#">SendResponse(Int32, SessionLU0SendIndication)</a>	Sends a response or courtesy acknowledgement to the Host.

See Also  
[SessionLU0 Class](#)  
[Microsoft.HostIntegration.SNA.Session Namespace](#)

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**SessionLU0.SendResponse Method (Int32)**

Sends a response or courtesy acknowledgement to the host using the specified sense code.

Syntax

C#

```
public void SendResponse(  
    int senseCode  
)
```

C++

```
public:  
void SendResponse(  
    int senseCode  
)
```

F#

```
member SendResponse :  
    senseCode:int -> unit
```

VB

```
Public Sub SendResponse (  
    senseCode As Integer  
)
```

**Parameters**

*senseCode*  
Type: [System.Int32](#)  
Sense code to send to the host, in Intel byte order.  
  
0x00000000 indicates a positive response, or courtesy acknowledgement to the exception response data.

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**SessionLU0.SendResponse Method (Int32, SessionLU0SendIndication)**

Sends a response or courtesy acknowledgement to the Host.

Syntax

C#

```
public void SendResponse(  
    int senseCode,
```

```
SessionLU0SendIndication indication
)
```

C++

```
public:
void SendResponse(
    int senseCode,
    SessionLU0SendIndication indication
)
```

F#

```
member SendResponse :
    senseCode:int *
    indication:SessionLU0SendIndication -> unit
```

VB

```
Public Sub SendResponse (
    senseCode As Integer,
    indication As SessionLU0SendIndication
)
```

#### Parameters

*senseCode*

Type: [System.Int32](#)

Sense code to send to the host (in Intel byte order).

0x00000000 indicates a positive response, or courtesy ack to exception response data.

*indication*

Type: [Microsoft.HostIntegration.SNA.Session.SessionLU0SendIndication](#)

Message flow indication on which the response is to be sent.

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# SessionLU0.SendResponse Method (Int32)

Sends a response or courtesy acknowledgment to the host using the specified sense code.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SendResponse ( _
    senseCode As Integer _
)
```

C#

```
public void SendResponse (
    int senseCode
)
```

C++

```
public:
void SendResponse (
    int senseCode
)
```

J#

```
public void SendResponse (
    int senseCode
)
```

JScript

```
public function SendResponse (
    senseCode : int
)
```

## Parameters

senseCode

Sense code to send to the host, in Intel byte order.

0x00000000 indicates a positive response, or courtesy acknowledgment to the exception response data.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.SendResponse Method (Int32, SessionLU0SendIndication)

Sends a response or courtesy acknowledgement to the Host.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub SendResponse ( _
    senseCode As Integer, _
    indication As SessionLU0SendIndication _
)
```

C#

```
public void SendResponse (
    int senseCode,
    SessionLU0SendIndication indication
)
```

C++

```
public:
void SendResponse (
    int senseCode,
    SessionLU0SendIndication indication
)
```

J#

```
public void SendResponse (
    int senseCode,
    SessionLU0SendIndication indication
)
```

JScript

```
public function SendResponse (
    senseCode : int,
    indication : SessionLU0SendIndication
)
```

## Parameters

senseCode

Sense code to send to the host (in Intel byte order).

0x00000000 indicates a positive response, or courtesy ack to exception response data.

indication

Message flow indication on which the response is to be sent.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.ToString Method

Translates the current instance data to a string.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides Function ToString As String
```

C#

```
public override string ToString ()
```

C++

```
public:  
virtual String^ ToString () override
```

J#

```
public String ToString ()
```

JScript

```
public override function ToString () : String
```

## Return Value

The current instance data to a string.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference




[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0 Properties

## Public Properties

	Name	Description
	<a href="#">Connection</a>	Gets a value that describes the underlying LU0 session connection.
	<a href="#">IsConnected</a>	Gets a value that describes whether an underlying session connection exists.
	<a href="#">SenseCode</a>	Gets the value of the last Sense Code returned by the mainframe.

See Also

### Reference

[SessionLU0 Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)



# SessionLU0.Connection Property

Gets a value that describes the underlying LU0 session connection.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Connection As SessionConnectionLU0
```

C#

```
public SessionConnectionLU0 Connection { get; }
```

C++

```
public:
property SessionConnectionLU0^ Connection {
    SessionConnectionLU0^ get ();
}
```

J#

```
/** @property */
public SessionConnectionLU0 get_Connection ()
```

JScript

```
public function get Connection () : SessionConnectionLU0
```

## Property Value

A SessionConnectionLU0 containing the LU0 session connection information.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.IsConnected Property

Gets a value that describes whether an underlying session connection exists.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property IsConnected As Boolean
```

C#

```
public bool IsConnected { get; }
```

C++

```
public:  
property bool IsConnected {  
    bool get ();  
}
```

J#

```
/** @property */  
public boolean get_IsConnected ()
```

JScript

```
public function get IsConnected () : boolean
```

## Property Value

true if a session connection exists; otherwise, false.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0.SenseCode Property

Gets the value of the last Sense Code returned by the mainframe.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property SenseCode As Integer
```

C#

```
public int SenseCode { get; }
```

C++

```
public:  
property int SenseCode {  
    int get ();  
}
```

J#

```
/** @property */  
public int get_SenseCode ()
```

JScript

```
public function get SenseCode () : int
```

## Property Value

Returns [Int32](#).

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0 Class](#)

[SessionLU0 Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data Class

Provides access to data being sent and received on an active LU0 session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Inheritance Hierarchy [System.Object](#)

**Microsoft.HostIntegration.SNA.Session.SessionLU0Data**

Syntax

C#

```
public class SessionLU0Data
```

C++

```
public ref class SessionLU0Data
```


F#

```
type SessionLU0Data = class end
```




VB

```
Public Class SessionLU0Data
```







Constructors

	Name	Description
	<a href="#">SessionLU0Data()</a>	Creates a new instance of the <b>SessionLU0Data</b> class.

Properties

	Name	Description
	<a href="#">Data</a>	Gets or sets a value that contains the data portion of the data stream.
	<a href="#">FunctionManagementHeaders</a>	Gets or sets a value that contains all of the function management headers received or to be sent on the entire chain.
	<a href="#">Indication</a>	Gets a value that describes the indication sent by the host as to the state of the session.

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)



# SessionLU0Data Members

Provides access to data being sent and received on an active LU0 session.




The following tables list the members exposed by the [SessionLU0Data](#) type.

## Public Constructors

Name	Description
<a href="#">SessionLU0Data</a>	Creates a new instance of the <a href="#">SessionLU0Data</a> class.







## Top

## Public Properties

Name	Description
 <a href="#">Data</a>	Gets or sets a value that contains the data portion of the data stream.
 <a href="#">FunctionManagementHeaders</a>	Gets or sets a value that contains all of the function management headers received or to be sent on the entire chain.
 <a href="#">Indication</a>	Gets a value that describes the indication sent by the host as to the state of the session.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[SessionLU0Data Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data Constructor

Creates a new instance of the [SessionLU0Data](#) class.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public SessionLU0Data ()
```

C++

```
public:
SessionLU0Data ()
```

J#

```
public SessionLU0Data ()
```

JScript

```
public function SessionLU0Data ()
```

Example

```
private void CreateSession_Click(object sender, EventArgs e)
{
    try
    {
        LUName.Text = LUName.Text.Trim();
        if (LUName.Text.Length == 0)
        {
            MessageBox.Show("You must fill out the LU or Pool Name");
            return;
        }
        _session = new SessionLU0(); _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0
InitType.SSCP);

        // receive the logon screen
        SessionLU0Data receivedData = _session.Receive(20000, true);
        // trace out the received data
        TraceData(false, receivedData.Data, receivedData.Indication);
        // disable every button and text box
        DisableEverything();

        // Insert User/Password
        EnableInsertUserId();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

[Change History](#)

[See Also](#)

**Reference**

[SessionLU0Data Class](#)







[SessionLU0Data Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)






# SessionLU0Data Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )




See Also

**Reference**

- [SessionLU0Data Class](#)
- [Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data Properties

Public Properties

	Name	Description
	<a href="#">Data</a>	Gets or sets a value that contains the data portion of the data stream.
	<a href="#">FunctionManagementHeaders</a>	Gets or sets a value that contains all of the function management headers received or to be sent on the entire chain.
	<a href="#">Indication</a>	Gets a value that describes the indication sent by the host as to the state of the session.

See Also

Reference

[SessionLU0Data Class](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data.Data Property

Gets or sets a value that contains the data portion of the data stream.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Data As Byte()
```

C#

```
public byte[] Data { get; set; }
```

C++

```
public:
property array<unsigned char>^ Data {
    array<unsigned char>^ get ();
    void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_Data ()

/** @property */
public void set_Data (byte[] value)
```

JScript

```
public function get Data () : byte[]

public function set Data (value : byte[])
```

## Property Value

The data portion of the data stream.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0Data Class](#)

[SessionLU0Data Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data.FunctionManagementHeaders Property

Gets or sets a value that contains all of the function management headers received or to be sent on the entire chain.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public Property FunctionManagementHeaders As FunctionManagementHeader()
```

C#

```
public FunctionManagementHeader[] FunctionManagementHeaders { get; set; }
```

C++

```
public:
property array<FunctionManagementHeader^>^ FunctionManagementHeaders {
    array<FunctionManagementHeader^>^ get ();
    void set (array<FunctionManagementHeader^>^ value);
}
```

J#

```
/** @property */
public FunctionManagementHeader[] get_FunctionManagementHeaders ()

/** @property */
public void set_FunctionManagementHeaders (FunctionManagementHeader[] value)
```

JScript

```
public function get FunctionManagementHeaders () : FunctionManagementHeader[]

public function set FunctionManagementHeaders (value : FunctionManagementHeader[])
```

## Property Value

An array of function management headers.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[SessionLU0Data Class](#)

[SessionLU0Data Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0Data.Indication Property

Gets a value that describes the indication sent by the host as to the state of the session.

**Namespace:** Microsoft.HostIntegration.SNA.Session

**Assembly:** Microsoft.HostIntegration.SNA.Session (in microsoft.hostintegration.sna.session.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Indication As SessionLU0ReceiveIndication
```

C#

```
public SessionLU0ReceiveIndication Indication { get; }
```

C++

```
public:
property SessionLU0ReceiveIndication Indication {
    SessionLU0ReceiveIndication get ();
}
```

J#

```
/** @property */
public SessionLU0ReceiveIndication get_Indication ()
```

JScript

```
public function get Indication () : SessionLU0ReceiveIndication
```

## Property Value

The indication sent by the host as to the state of the session.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[SessionLU0Data Class](#)

[SessionLU0Data Members](#)

[Microsoft.HostIntegration.SNA.Session Namespace](#)

# SessionLU0InitType Enumeration

Represents the session initialization type.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum SessionLU0InitType
```

C++

```
public enum class SessionLU0InitType
```

F#

```
type SessionLU0InitType
```

VB

```
Public Enumeration SessionLU0InitType
```

Members

Member name	Description
<b>BIND</b>	Wait for an unsolicited bind and SDT is received from the physical logical unit.
<b>INITSELF</b>	Wait for a BIND and SDT to arrive after sending the INITSELF command specified in the data parameter.
<b>SSCP</b>	Wait for an unsolicited bind and SDT is received from the physical logical unit, but allow the application access to the SSCP session.

Examples

**Legacy Code Example**

```
private void CreateSession_Click(object sender, EventArgs e)
{
    try
    {
        LUName.Text = LUName.Text.Trim();
        if (LUName.Text.Length == 0)
        {
            MessageBox.Show("You must fill out the LU or Pool Name");
            return;
        }
        _session = new SessionLU0(); _session.Connect("LogicalUnitName=" + LUName.Text, SessionLU0InitType.SSCP);

        // receive the logon screen
        SessionLU0Data receivedData = _session.Receive(20000, true);
        // trace out the received data
        TraceData(false, receivedData.Data, receivedData.Indication);
        // disable every button and text box
        DisableEverything();

        // Insert User/Password
        EnableInsertUserId();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}
```

```
}
```

```
}
```

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

[Return to top](#)

# SessionLU0ReceiveIndication Enumeration

Represents the current state of a session associated with a receive call.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum SessionLU0ReceiveIndication
```

C++

```
public enum class SessionLU0ReceiveIndication
```

F#

```
type SessionLU0ReceiveIndication
```

VB

```
Public Enumeration SessionLU0ReceiveIndication
```

Members

Member name	Description
<b>ApplicationData</b>	The data is application data.
<b>BeginBracket</b>	The host has started a new bracket.
<b>Cancel</b>	The last chain from the host was cancelled.
<b>Chase</b>	The host requests that all outstanding responses be sent.
<b>Clear</b>	The host has cleared the session.
<b>DataComplete</b>	The data represents a complete data chain.
<b>DataIncomplete</b>	The data represents an incomplete data chain.
<b>DefiniteResponse1</b>	The application must send a response to the data.
<b>DefiniteResponse2</b>	The application must send a response to the data.
<b>EndBracket</b>	The host terminated the current bracket.
<b>ExceptionRequest</b>	The SNA Server converted the response into an exception request.
<b>ExceptionResponse1</b>	The application can send a negative response to reject the data.
<b>ExceptionResponse2</b>	The application can send a negative response to reject the data.
<b>ExpeditedData</b>	Data was received on an expedited data flow.
<b>FunctionManagementData</b>	Data is Function Management Data.
<b>LogicalUnitData</b>	Data was received on a logical unit (LU) session.



<b>NegativeResponse</b>	The host sent a negative response.
<b>NoResponse</b>	The application should not send a response to the data.
<b>NormalData</b>	Data was received on a normal data flow.
<b>PositiveResponse</b>	The host sent a positive response.
<b>Quiesce</b>	The host has quiesced the session.
<b>Release</b>	The host has cancelled either the quiesce or shutdown state.
<b>Send</b>	The host has given permission to send.
<b>SessionStarted</b>	The SSCP initiated session has been activated or a session that was reset by a CLEAR has been restarted by an SDT, or a session that previously received an UNBIND has been reactivated by a BIND and SDT.
<b>Shutdown</b>	The host is shutting down the session.
<b>SSCPData</b>	Data was received on a System Service Control Point (SSCP) session.
<b>Unbind</b>	The host has unbound the session.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionLU0SendIndication Enumeration

Contains values used by the Send method of SessionLU0.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum SessionLU0SendIndication
```

C++

```
public enum class SessionLU0SendIndication
```

F#

```
type SessionLU0SendIndication
```

VB

```
Public Enumeration SessionLU0SendIndication
```

Members

Member name	Description
<b>ApplicationData</b>	Indicates that the application does not want a response from the host.
<b>DefiniteResponse1</b>	Indicates that the application wants the host to send a response to the data.
<b>DefiniteResponse2</b>	Indicates that the application wants the host to send a response to the data.
<b>EndBracket</b>	Indicates that the application is requesting that the current bracket be ended.
<b>ExceptionResponse1</b>	Indicates that the application wants the host to send a negative response only.
<b>ExceptionResponse2</b>	Indicates that the application wants the host to send a negative response only.
<b>ExpeditedData</b>	Indicates that the application is sending data on an expedited data flow.
<b>FunctionManagementData</b>	Indicates that the application is sending function management data.
<b>LogicalUnitData</b>	Indicates that the application is sending logical unit data.
<b>NoResponse</b>	Indicates that the application is not sending a response.
<b>NormalData</b>	Indicates that the application is sending data on a normal data flow.
<b>PrepareToReceive</b>	Indicates that the application is prepared to receive data.
<b>SSCPData</b>	Indicates that the application is sending SSCP data.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# SessionStatus Enumeration

Displays the status message of a Session Integrator session.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum SessionStatus
```

C++

```
public enum class SessionStatus
```

F#

```
type SessionStatus
```

VB

```
Public Enumeration SessionStatus
```

Members

Member name	Description
<b>AccessDenied</b>	The client's user account does not have permission to use the LU or Pool requested.
<b>AlreadyConnected</b>	The connection is already connected to another session.
<b>AlreadyConnectedCOM3270</b>	The application is already connected to a COM3270 object – never returned to Client.
<b>AlreadyExists</b>	Already exists – never returned to Client.
<b>BadParam</b>	The Connection String parameter contains an invalid property setting.
<b>BracketNotAllowed</b>	The session was between brackets but a new bracket could not be started having received SBI from the host.
<b>CertificateCheck</b>	The certificate check.
<b>CertificateCheckReadOnlyAfterConnect</b>	The certificate check read only after connecting.
<b>ClientFailure</b>	The client previously using this host session terminated without calling Disconnect leaving the server in an invalid state (Unexpectedly returned by COM3270).
<b>ConnectionActive</b>	The connection is active – never returned to Client.
<b>ConnectionInvalid</b>	The Connection String contained an invalid setting.
<b>ConnectionNotConnected</b>	The Connection supplied is not yet in the required Connected state.
<b>ConnectionRefused</b>	The connection refused.
<b>ContainsPartialNoScreen</b>	Searching for partial fields is only allowed on a ScreenFieldCollection obtained from a SessionDisplay.
<b>DataQueued</b>	Data is currently queued – never returned to Client.
<b>DataTruncated</b>	The copy extended past the end of the field. The extra data was ignored.

<b>DataTruncated3270</b>	The 3270 data was truncated – never returned to Client.
<b>DefiniteResponseMode</b>	The data was sent using DEFINITE_RESPONSE mode when EXCEPTION_RESPONSE or NO_RESPONSE was requested.
<b>DeviceTypeReadOnlyAfterConnect</b>	The Device Type Property is read-only after the connection has been established.
<b>DeviceTypeRejected</b>	
<b>DluNotYetAvailable</b>	The Destination Logical Unit is only available after the session is connected to a Primary Logical Unit.
<b>DLUReadOnlyIn3270</b>	Destination Logical Unit is read-only for 3270 connections.
<b>ExceptionResponseMode</b>	The data was sent using EXCEPTION_RESPONSE when DEFINITE_RESPONSE or NO_RESPONSE was requested.
<b>False</b>	Internally used value, never returned to Client.
<b>FieldIteratorInvalid</b>	The ScreenField iterator is invalid outside the boundaries of a ScreenFieldCollection.
<b>FieldNotAssociatedWithScreen</b>	The specified field is not associated with the current screen.
<b>FMHLengthError</b>	The Function Management Header returned from the Host contained an invalid length.
<b>HostNotFound</b>	The remote system specified by the "IP" property could not be located.
<b>ImplementationReadOnlyAfterConnect</b>	
<b>InvalidCharacterReadOnlyAfterConnect</b>	
<b>InvalidData</b>	The data was invalid – never returned to Client.
<b>InvalidDeviceMode</b>	The property requested is not valid for the session "MODE" property setting.
<b>InvalidPosition</b>	The position was invalid – never returned to Client.
<b>LinkInactive</b>	The SNA session was successfully created, but the underlying SNA connection is not yet active.
<b>LogicalUnitInactive</b>	The SNA session was successfully created, but the SNA LU is not yet active.
<b>LogicalUnitInUse</b>	The Logical Unit specified an SNA Server LU and the LU is currently being used by another application.
<b>LogicalUnitNotFound</b>	The LU or Pool name does not exist.
<b>NegativeResponse</b>	The host (or SNA server) sent a negative response to the DEFINITE_RESPONSE.
<b>NoChange</b>	No change has occurred – never returned to Client.
<b>NoFreeLogicalUnit</b>	The Logical Unit specified an SNA Server LU Pool and no LU is free in that pool.
<b>NoResponseMode</b>	The data was sent using NO_RESPONSE mode when DEFINITE_RESPONSE or EXCEPTION_RESPONSE requested.
<b>NoResponseReceived</b>	No Response was received from the host to an RQD request. Call the Receive function to get the indication.
<b>NoServerFound</b>	No SNA Server was found with the LU or Pool of the appropriate type and requested name.
<b>NotALocalSession</b>	The target is not a local session – never returned to Client.
<b>NullObjectComparisons</b>	A null object comparison occurred.

<b>Ok</b>	Ok.
<b>OneField</b>	Screen contains only one field – never returned to Client.
<b>OtherThreadWaiting</b>	Another thread has issued a Receive method call for this session, and this call has not yet returned.
<b>PartialChain</b>	A partial chain was received – never returned to Client.
<b>PartialFieldIteratorInvalid</b>	The ScreenPartialField iterator is invalid (outside the boundaries of a ScreenPartialFieldCollection).
<b>PhysicalUnitInactive</b>	The SNA session was successfully created, but the SNA PU is not yet active.
<b>PropertyCleared</b>	The property was cleared – never returned to Client.
<b>PropertyUpdated</b>	The property has been updated – never returned to Client.
<b>ReceiveInProgress</b>	Another thread has issued a Receive() method call for this session which has not yet returned.
<b>ResourceLocation</b>	The server could not initiate resource location.
<b>ScreenDataNotAssociatedWithScreen</b>	The Screen Data instance is not associated with the current screen.
<b>ScreenSizeChanged</b>	The screen size has changed – never returned to Client.
<b>ScriptError</b>	An error parsing the script.
<b>ScriptExceptionError</b>	An error occurred executing a script statement.
<b>SecurityNegotiation</b>	The security negotiation.
<b>SecurityReadOnlyAfterConnect</b>	The security read only after connecting.
<b>SendInProgress</b>	A send is currently in progress – never returned to Client.
<b>SendMultiChain</b>	The session does not support multi-RU chains but the data was larger than the RU size. The data was sent as a sequence of single RU chains.
<b>ServerFailure</b>	The Session Integrator Server serving the session failed.
<b>ServerReadOnly</b>	The Server Property is read-only for SNA Connections.
<b>ServerReadOnlyAfterConnect</b>	The Server Property is read-only after the connection has been established.
<b>SessionBusy</b>	The 3270 session is busy. The Receive () method should be called to determine when input is allowed and this method can be retried.
<b>SessionFailed</b>	The underlying SNA session failed. The application must release the session.
<b>SessionFailure</b>	The Terminal Session Server session is no longer valid. The application should release the session.
<b>SessionLocked</b>	The 3270 Session is locked by a local lock. Examine the OIA to determine the reason for the error.
<b>SessionNotConnected</b>	The client is not connected to a session object through a call to the connect method.
<b>SessionOffline</b>	The session is connected to an SNA session that is currently offline. The application should call the Online() method to activate the session.
<b>SessionQuiesced</b>	The session is quiesced – never returned to Client.
<b>SessionTimeout</b>	The session timed out waiting for the expected data.
<b>SessionTimeoutLU0</b>	The LU0 session timed out – never returned to Client.
<b>SNACConnectionInfoInconsistent</b>	The connection information for 3270 over SNA is not consistent.

<b>SnapshotReadOnly</b>	The Data of a ScreenField which is a Snapshot cannot be updated.
<b>SSCPActive</b>	SSCP is active – never returned to Client.
<b>SslNeeded</b>	Ssl needed.
<b>SslRejected</b>	The Ssl rejected.
<b>StringNotFound</b>	The specified data string could not be found.
<b>SystemError</b>	Method failed due to an internal error.
<b>TN3270</b>	TN3270 – never returned to Client.
<b>TN3270E</b>	TN3270E – never returned to Client.
<b>TNConnectionInfoInconsistent</b>	The connection information for 3270 over TN is not consistent.
<b>TNPortReadOnlyAfterConnect</b>	The TN3270 Port Property is read-only after the connection has been established.
<b>TNServerReadOnlyAfterConnect</b>	The TN3270 Server Property is read-only after the connection has been established.
<b>TopBitsError</b>	Internally used bit mask.
<b>TransportReadOnlyAfterConnect</b>	The Transport Property is read-only after the connection has been established.
<b>UnformattedScreen</b>	The screen is unformatted; no field exists.
<b>VariableCollectionStringFormat</b>	The variable string must consist of 'Name=Value;' pairs.
<b>WaitTimeout</b>	Timeout waiting for the expected data or session state.
<b>WrongSession</b>	Wrong session– never returned to Client.
<b>ZeroLengthField</b>	The data is a zero-length field.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# TNCertificateCheck Enumeration

Represents the TN Certificate Check.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum TNCertificateCheck
```

C++

```
public enum class TNCertificateCheck
```

F#

```
type TNCertificateCheck
```

VB

```
Public Enumeration TNCertificateCheck
```

Members

Member name	Description
<b>None</b>	None.
<b>Verified</b>	Verified.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# TNDeviceType Enumeration

Describes the TN device types.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)  
**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax  
C#

```
public enum TNDeviceType
```

C++

```
public enum class TNDeviceType
```

F#

```
type TNDeviceType
```

VB

```
Public Enumeration TNDeviceType
```

Members

Member name	Description
IBM3278Model2	IBM 3278 Model 2
IBM3278Model2E	IBM 3278 Model 2E
IBM3278Model3	IBM 3278 Model 3
IBM3278Model3E	IBM 3278 Model 3E
IBM3278Model4	IBM 3278 Model 4
IBM3278Model4E	IBM 3278 Model 4E
IBM3278Model5	IBM 3278 Model 5
IBM3278Model5E	IBM 3278 Model 5E
IBM3279Model2	IBM 3279 Model 2
IBM3279Model2E	IBM 3279 Model 2E
IBM3279Model3	IBM 3279 Model 3
IBM3279Model3E	IBM 3279 Model 3E
IBM3279Model4	IBM 3279 Model 4
IBM3279Model4E	IBM 3279 Model 4E
IBM3279Model5	IBM 3279 Model 5
IBM3279Model5E	IBM 3279 Model 5E
IBMDynamic	IBM Dynamic

See Also  
[Microsoft.HostIntegration.SNA.Session Namespace](#)





# TNSecurity Enumeration

Represents the TN Security.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

C#

```
public enum TNSecurity
```

C++

```
public enum class TNSecurity
```

F#

```
type TNSecurity
```

VB

```
Public Enumeration TNSecurity
```

Members

Member name	Description
<b>None</b>	None.
<b>Tls1</b>	Security is Tls1.

See Also

[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# TransmissionServicesProfile Enumeration

Describes the transmission services profiles supported by Session Integrator.

**Namespace:** [Microsoft.HostIntegration.SNA.Session](#)

**Assembly:** Microsoft.HostIntegration.SNA.Session (in Microsoft.HostIntegration.SNA.Session.dll)

Syntax

```
C#  
  
public enum TransmissionServicesProfile
```

```
C++  
  
public enum class TransmissionServicesProfile
```

```
F#  
  
type TransmissionServicesProfile
```

```
VB  
  
Public Enumeration TransmissionServicesProfile
```

Members

Member name	Description
Profile2	TS Profile 2
Profile3	TS Profile 3
Profile4	TS Profile 4
Profile7	TS Profile 7
ProfileNotInitialized	Profile not initialized

Remarks

For more information on transmission services profiles, see the SNA Formats Guide.

See Also






[Microsoft.HostIntegration.SNA.Session Namespace](#)

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# Microsoft.HostIntegration.TI Namespace

Can use Host Integration Server 2006 load balancing and hot backup capability by deploying multiple Host Integration Server 2006 End-User Client and Host Integration Server 2006 Server computers in a single subdomain.



## Classes

Class	Description
 <a href="#">ClientContext</a>	Represents the context for SharePoint objects and operations.
 <a href="#">ClientContextWebService</a>	Represents a client context for web service.
 <a href="#">CustomTIAttribute</a>	Represents the custom TI attributes in the <b>Microsoft.HostIntegration.TI</b> class.
 <a href="#">CustomTIException</a>	Represents the custom TI exceptions that occur during runtime.
 <a href="#">WcfClientContext</a>	Represents the WCF context for the operations.

## Structures

Structure	Description
 <a href="#">ContextDescriptor</a>	Represents the message context for a description.
 <a href="#">TracingCategoryOptions.ConversionCategories</a>	Represents a tracing category conversion options.
 <a href="#">TracingCategoryOptions.GeneralCategories</a>	Represents the general categories for the <a href="#">TracingCategoryOptions</a> class.
 <a href="#">TracingCategoryOptions.LibraryReaderCategories</a>	Represents a Library Reader Categories for the <a href="#">TracingCategoryOptions</a> class.
 <a href="#">TracingCategoryOptions.ProxyCategories</a>	Represents a proxy categories for the <a href="#">TracingCategoryOptions</a> class.
 <a href="#">TracingCategoryOptions</a>	Represents the Tracing Category Options.
 <a href="#">TracingCategoryOptions.TransportCategories</a>	Represents a transport categories for the <a href="#">TracingCategoryOptions</a> class.

## Enumerations

Enumeration	Description
 <a href="#">WcfClientContext.ConnectionTypes</a>	Enumerates a connection types for WCF client context.
 <a href="#">SupportedKeys</a>	Displays all the supported keys of the <b>Microsoft.HostIntegration.TI</b> class.

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# ClientContext Class

Represents the context for SharePoint objects and operations.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Inheritance Hierarchy [System.Object](#)  
**Microsoft.HostIntegration.TI.ClientContext**

Syntax  
C#

```
[SerializableAttribute]  
[DataContractAttribute]  
public class ClientContext
```

C++

```
[SerializableAttribute]  
[DataContractAttribute]  
public ref class ClientContext
```






F#

```
[<SerializableAttribute>]  
[<DataContractAttribute>]  
type ClientContext = class end
```






VB




```
<SerializableAttribute>  
<DataContractAttribute>  
Public Class ClientContext
```

## Constructors


Name	Description
 <a href="#">ClientContext()</a>	Initializes a new instance of the <b>ClientContext</b> class using default values.
 <a href="#">ClientContext(ClientContextWebService)</a>	
 <a href="#">ClientContext(Object[])</a>	Initializes a new instance of the <b>ClientContext</b> class with specified context array.
 <a href="#">ClientContext(SupportedKeys, SupportedKeys, Boolean, Boolean)</a>	Initializes a new instance of the <b>ClientContext</b> class with the specified supported keys and default values.
 <a href="#">ClientContext(WcfClientContext)</a>	

## Properties

Name	Description
 <a href="#">AliasTransactionId</a>	Gets or sets the alias transaction ID for the <b>ClientContext</b> class.
 <a href="#">ConnectionUsage</a>	Gets or sets the connection usage for the <b>ClientContext</b> class.
 <a href="#">Converter</a>	Gets or sets the converter to use.
 <a href="#">DynamicRE</a>	Gets or sets the specified Dynamic Remote Environment.
 <a href="#">IMSClientId</a>	Gets or sets the information management systems client identifier for the <b>ClientContext</b> class.



	IMSLTerm	Gets or sets the information management systems logical terminal for the <b>ClientContext</b> class.
	IMSModName	Gets or sets the name of the returned MOD Name assigned by the executed IMS transaction.
	IPAddress	Gets or sets the specified value of the Internet Protocol (IP) address.
	IsConnectionViable	Gets or sets whether the connection for the <b>ClientContext</b> class is viable.
	IsConversational	Gets or sets whether <b>ClientContext</b> is conversational.
	IsPersistent	Gets or sets whether <b>ClientContext</b> is persistent.
	LibraryName	Gets or sets the library name for the client context.
	LUName	Gets or sets the LU name in the context.
	MirrorProgramName	Gets or sets the name of the Mirror Program.
	ModeName	Gets or sets the mode name associated with the client context.
	OtmaSystemId	Gets or sets the system id for the OTMA in the client context.
	Password	Gets or sets the client password for the class.
	PasswordSecure	
	PersistentConnectionCorrelator	Gets or sets the persistent connection correlator.
	PersistentConnectionTimeout	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
	Port	Gets or sets the TCP/IP port number that the Transaction Integrator runtime will use.
	ProgramName	Gets or sets the name of the program associated with the client context.
	ReceiveTimeout	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for a response from the host.
	RemoteEnvironment	Gets or sets the specified value of the remote environment.
	SendTimeout	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.
	SourceTransactionId	Gets or sets the value of the Source Transaction Id.
	TransactionId	Gets or sets a string object that represents the transaction ID of the client.
	TransportHeaders	Gets or sets a transport header that is associated with the client context.
	User	Gets or sets the value of the user.
	UserAgent	Gets or sets the value for the user agent header that is sent with each request.
	UserObject	
	UserSecure	
	WcfExclusiveUse	Gets or sets an operation that requires exclusives access to the specified object.

#### Methods

	Name	Description
	CleanseAllButPersistent(Object[])	Closes all but persistent connection by contacting the COM+ or .NET Framework application object without the need for a call to the server object.

	<a href="#">ClearAllContext(Object[])</a>	Clears all the set of arrays in the client context.
	<a href="#">CountContext(Object[], Int32)</a>	Shows the object count in the context.
	<a href="#">DeleteContext(String, Object[])</a>	Deletes a specific context in the client context.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Get_CONNTYPE_Info(Object[], Boolean, Boolean)</a>	Shows the information of the connection type.
	<a href="#">Get_Conversation_Info(Object[], Boolean, String)</a>	Shows the information about the conversation.
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ImportArray(Object[])</a>	Populates the specified object with data from an array.
	<a href="#">ImportArray(Object[], Boolean)</a>	
	<a href="#">InternalConstructor()</a>	
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">QueryContextInfo(Object[], Int32, String[], Type[])</a>	Renders the information that the query context provides.
	<a href="#">ReadContext(String, Object, Object[])</a>	Uses the <b>ReadContext</b> method to acquire the value of an entry in a TI Context array.
	<a href="#">Reset(Boolean)</a>	Sets the connection to its initial position in the <b>ClientContext</b> class.
	 <a href="#">StringToContextDescriptorBytes(Object)</a>	Indicates the object to convert from string to context.
	<a href="#">ToArray()</a>	Copies the elements of the <b>ClientContext</b> class to a new array.
	<a href="#">ToArray(Boolean)</a>	
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">TracingOptionsOff(Int64)</a>	Switches off the tracing options.
	<a href="#">TracingOptionsOn(Int64)</a>	Switches on the tracing options.
	<a href="#">UpdateWCFOperationContext(WcfClientContext)</a>	
	<a href="#">ValidateKeyword(String)</a>	Checks the context keyword in the client context.
	<a href="#">WriteContext(String, Object, Object[])</a>	Adds or replaces an entry in a TI Context array.

#### Fields

	Name	Description
	 <a href="#">MAX_CONDESC_LEN</a>	Defines the value of the MAX_CONDESC_LEN.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.TI Namespace](#)

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# ClientContext Members

Represents the context for SharePoint objects and operations.


The following tables list the members exposed by the [ClientContext](#) type.

## Public Constructors

Name	Description
<a href="#">ClientContext</a>	Overloaded. Initializes a new instance of the <a href="#">ClientContext</a> class.
















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## Public Fields

Name	Description
 <a href="#">MAX_CONDESC_LEN</a>	Defines the value of the MAX_CONDESC_LEN.

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## Public Properties
























Name	Description
 <a href="#">AliasTransactionId</a>	Gets or sets the alias transaction ID for the <b>ClientContext</b> class.
 <a href="#">ConnectionUsage</a>	Gets or sets the connection usage for the <b>ClientContext</b> class.
 <a href="#">Converter</a>	Gets or sets the converter to use.
 <a href="#">DynamicRE</a>	Gets or sets the specified Dynamic Remote Environment.
 <a href="#">IMSClientId</a>	Gets or sets the information management systems client identifier for the <b>ClientContext</b> class.
 <a href="#">IMSLTerm</a>	Gets or sets the information management systems logical terminal for the <b>ClientContext</b> class.
 <a href="#">IMSModName</a>	Gets or sets the name of the returned MOD Name assigned by the executed IMS transaction.
 <a href="#">IPAddress</a>	Gets or sets the specified value of the Internet Protocol (IP) address.
 <a href="#">IsConnectionViable</a>	Gets or sets whether the connection for the <b>ClientContext</b> class is viable.
 <a href="#">IsConversational</a>	Gets or sets whether <b>ClientContext</b> is conversational.
 <a href="#">IsPersistent</a>	Gets or sets whether <b>ClientContext</b> is persistent.
 <a href="#">LibraryName</a>	Gets or sets the library name for the client context.
 <a href="#">LUName</a>	Gets or sets the LU name in the context.
 <a href="#">MirrorProgramName</a>	Gets or sets the name of the Mirror Program.
 <a href="#">ModeName</a>	Gets or sets the mode name associated with the client context.
 <a href="#">OtmaSystemId</a>	Gets or sets the system id for the OTMA in the client context.
 <a href="#">Password</a>	Gets or sets the client password for the class.
 <a href="#">PersistentConnectionCorrelator</a>	Gets or sets the persistent connection correlator.
 <a href="#">PersistentConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
 <a href="#">Port</a>	Gets or sets the TCP/IP port number that the Transaction Integrator runtime will use.
 <a href="#">ProgramName</a>	Gets or sets the name of the program associated with the client context.
 <a href="#">ReceiveTimeout</a>	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for a response from the host.
 <a href="#">RemoteEnvironment</a>	Gets or sets the specified value of the remote environment.
 <a href="#">SendTimeout</a>	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.
 <a href="#">SourceTransactionId</a>	Gets or sets the value of the Source Transaction Id.
 <a href="#">TransactionId</a>	Gets or sets a string object that represents the transaction ID of the client.
 <a href="#">TransportHeaders</a>	Gets or sets a transport header that is associated with the client context.
 <a href="#">User</a>	Gets or sets the value of the user.
 <a href="#">UserAgent</a>	Gets or sets the value for the user agent header that is sent with each request.
 <a href="#">WcfExclusiveUse</a>	Gets or sets an operation that requires exclusives access to the specified object.

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## Public Methods (see also [Protected Methods](#))



Name	Description
------	-------------



	<a href="#">CleanseAllButPersistent</a>	Closes all but persistent connection by contacting the COM+ or .NET Framework application object without the need for a call to the server object.
	<a href="#">ClearAllContext</a>	Clears all the set of arrays in the client context.
	<a href="#">CountContext</a>	Shows the object count in the context.
	<a href="#">DeleteContext</a>	Deletes a specific context in the client context.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Get_CONNTYPE_Info</a>	Shows the information of the connection type.
	<a href="#">Get_Conversation_Info</a>	Shows the information about the conversation.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ImportArray</a>	Overloaded. Populates the specified object with data from an array.
	<a href="#">QueryContextInfo</a>	Displays the information that the query context provides.
	<a href="#">ReadContext</a>	Uses the <b>ReadContext</b> method to acquire the value of an entry in a TI Context array.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Reset</a>	Sets the connection to its initial position in the <b>ClientContext</b> class.
	 <a href="#">StringToContextDescriptorBytes</a>	Indicates the object to convert from string to context.
	<a href="#">ToArray</a>	Overloaded. Copies the elements of the <b>ClientContext</b> class to a new array.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">TracingOptionsOff</a>	Switches off the tracing options.
	<a href="#">TracingOptionsOn</a>	Switches on the tracing options.
	<a href="#">ValidateKeyword</a>	Checks the context keyword in the client context.
	<a href="#">WriteContext</a>	Adds or replaces an entry in a TI Context array.

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#### Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also



#### Reference

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext Fields

Public Fields

	Name	Description
 	<a href="#">MAX_CONDESC_LEN</a>	Defines the value of the MAX_CONDESC_LEN.

See Also

Reference

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.MAX\_CONDESC\_LEN Field

Defines the value of the MAX\_CONDESC\_LEN.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public const int MAX_CONDESC_LEN
```

C++

```
public:  
literal int MAX_CONDESC_LEN
```

F#

```
static val mutable MAX_CONDESC_LEN : int
```

VB

```
Public Const MAX_CONDESC_LEN As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ClientContext Constructor

Initializes a new instance of the [ClientContext](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** [Microsoft.HostIntegration.TI.ClientContext](#) (in [Microsoft.HostIntegration.TI.ClientContext.dll](#))

## Overload List

Name	Description
 <a href="#">ClientContext()</a>	Initializes a new instance of the <a href="#">ClientContext</a> class using default values.
 <a href="#">ClientContext(ClientContextWebService)</a>	
 <a href="#">ClientContext(Object[])</a>	Initializes a new instance of the <a href="#">ClientContext</a> class with specified context array.
 <a href="#">ClientContext(SupportedKeys, SupportedKeys, Boolean, Boolean)</a>	Initializes a new instance of the <a href="#">ClientContext</a> class with the specified supported keys and default values.
 <a href="#">ClientContext(WcfClientContext)</a>	

## See Also

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

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## ClientContext Constructor ()

Initializes a new instance of the [ClientContext](#) class using default values.

## Syntax

C#

```
public ClientContext()
```

C++

```
public:
    ClientContext()
```

F#

```
new : unit -> ClientContext
```

VB

```
Public Sub New
```

[Return to top](#)

## ClientContext Constructor (ClientContextWebService)

## Syntax

C#

```
public ClientContext(
    ClientContextWebService cc
)
```

C++

```
public:
    ClientContext(
        ClientContextWebService^ cc
    )
```

F#

```
new :  
    cc:ClientContextWebService -> ClientContext
```

VB

```
Public Sub New (  
    cc As ClientContextWebService  
)
```

#### Parameters

cc

Type: [Microsoft.HostIntegration.TI.ClientContextWebService](#)

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#### ClientContext Constructor (Object[])

Initializes a new instance of the [ClientContext](#) class with specified context array.

Syntax

C#

```
public ClientContext(  
    object[] contextArray  
)
```

C++

```
public:  
ClientContext(  
    array<Object^>^ contextArray  
)
```

F#

```
new :  
    contextArray:Object[] -> ClientContext
```

VB

```
Public Sub New (  
    contextArray As Object()  
)
```

#### Parameters

contextArray

Type: [System.Object](#)

A collection of context objects.

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#### ClientContext Constructor (SupportedKeys, SupportedKeys, Boolean, Boolean)

Initializes a new instance of the [ClientContext](#) class with the specified supported keys and default values.

Syntax

C#

```
public ClientContext(  
    SupportedKeys supportedKeysValidate,  
    SupportedKeys supportedKeysWrite,  
    bool allowStringsForInts,  
    bool checkValues  
)
```

C++

```

public:
ClientContext(
    SupportedKeys supportedKeysValidate,
    SupportedKeys supportedKeysWrite,
    bool allowStringsForInts,
    bool checkValues
)

```

F#

```

new :
    supportedKeysValidate:SupportedKeys *
    supportedKeysWrite:SupportedKeys *
    allowStringsForInts:bool *
    checkValues:bool -> ClientContext

```

VB

```

Public Sub New (
    supportedKeysValidate As SupportedKeys,
    supportedKeysWrite As SupportedKeys,
    allowStringsForInts As Boolean,
    checkValues As Boolean
)

```

#### Parameters

*supportedKeysValidate*

Type: [Microsoft.HostIntegration.TI.SupportedKeys](#)

The supported keys to validate.

*supportedKeysWrite*

Type: [Microsoft.HostIntegration.TI.SupportedKeys](#)

The supported keys to write.

*allowStringsForInts*

Type: [System.Boolean](#)

**true** to allow strings for ints; otherwise, **false**.

*checkValues*

Type: [System.Boolean](#)

**true** to check the values; otherwise, **false**.

[Return to top](#)

#### ClientContext Constructor (WcfClientContext)

Syntax

C#

```

public ClientContext(
    WcfClientContext contextWcfClientContext
)

```

C++

```

public:
ClientContext(
    WcfClientContext^ contextWcfClientContext
)

```

F#

```

new :
    contextWcfClientContext:WcfClientContext -> ClientContext

```

VB

```
Public Sub New (  
    contextWcfClientContext As WcfClientContext  
)
```

**Parameters**

*contextWcfClientContext*

Type: [Microsoft.HostIntegration.TI.WcfClientContext](#)

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# ClientContext Constructor ()

Initializes a new instance of the [ClientContext](#) class using default values.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public ClientContext ()
```

C++

```
public:  
ClientContext ()
```

J#

```
public ClientContext ()
```

JScript

```
public function ClientContext ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext Constructor (Object[])

Initializes a new instance of the [ClientContext](#) class with specified context array.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    contextArray As Object() _
)
```

C#

```
public ClientContext (
    Object[] contextArray
)
```

C++

```
public:
ClientContext (
    array<Object^>^ contextArray
)
```

J#

```
public ClientContext (
    Object[] contextArray
)
```

JScript

```
public function ClientContext (
    contextArray : Object[]
)
```

## Parameters

contextArray

A collection of context objects.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext Constructor (SupportedKeys, SupportedKeys, Boolean, Boolean)

Initializes a new instance of the [ClientContext](#) class with the specified supported keys and default values.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    supportedKeysValidate As SupportedKeys, _
    supportedKeysWrite As SupportedKeys, _
    allowStringsForInts As Boolean, _
    checkValues As Boolean _
)
```

C#

```
public ClientContext (
    SupportedKeys supportedKeysValidate,
    SupportedKeys supportedKeysWrite,
    bool allowStringsForInts,
    bool checkValues
)
```

C++

```
public:
    ClientContext (
        SupportedKeys supportedKeysValidate,
        SupportedKeys supportedKeysWrite,
        bool allowStringsForInts,
        bool checkValues
    )
```

J#

```
public ClientContext (
    SupportedKeys supportedKeysValidate,
    SupportedKeys supportedKeysWrite,
    boolean allowStringsForInts,
    boolean checkValues
)
```

JScript

```
public function ClientContext (
    supportedKeysValidate : SupportedKeys,
    supportedKeysWrite : SupportedKeys,
    allowStringsForInts : boolean,
    checkValues : boolean
)
```

## Parameters

supportedKeysValidate

The supported keys to validate.

supportedKeysWrite

The supported keys to write.

allowStringsForInts

**true** to allow strings for ints; otherwise, **false**.

checkValues

**true** to check the values; otherwise, **false**.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**
























[ClientContext Class](#)

[ClientContext Members](#)



[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CleanseAllButPersistent</a>	Closes all but persistent connection by contacting the COM+ or .NET Framework application object without the need for a call to the server object.
	<a href="#">ClearAllContext</a>	Clears all the set of arrays in the client context.
	<a href="#">CountContext</a>	Shows the object count in the context.
	<a href="#">DeleteContext</a>	Deletes a specific context in the client context.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">Get_CONNTYPE_Info</a>	Shows the information of the connection type.
	<a href="#">Get_Conversation_Info</a>	Shows the information about the conversation.
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ImportArray</a>	Overloaded. Populates the specified object with data from an array.
	<a href="#">QueryContextInfo</a>	Displays the information that the query context provides.
	<a href="#">ReadContext</a>	Uses the <b>ReadContext</b> method to acquire the value of an entry in a TI Context array.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">Reset</a>	Sets the connection to its initial position in the <a href="#">ClientContext</a> class.
	 <a href="#">StringToContextDescriptorBytes</a>	Indicates the object to convert from string to context.
	<a href="#">ToArray</a>	Overloaded. Copies the elements of the <b>ClientContext</b> class to a new array.
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">TracingOptionsOff</a>	Switches off the tracing options.
	<a href="#">TracingOptionsOn</a>	Switches on the tracing options.
	<a href="#">ValidateKeyword</a>	Checks the context keyword in the client context.
	<a href="#">WriteContext</a>	Adds or replaces an entry in a TI Context array.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.CleanseAllButPersistent Method

Closes all but persistent connection by contacting the COM+ or .NET Framework application object without the need for a call to the server object.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub CleanseAllButPersistent ( _
    ByRef contextArray As Object() _
)
```

C#

```
public void CleanseAllButPersistent (
    ref Object[] contextArray
)
```

C++

```
public:
void CleanseAllButPersistent (
    array<Object^>^% contextArray
)
```

J#

```
public void CleanseAllButPersistent (
    /** @ref */ Object[] contextArray
)
```

JScript

## Parameters

contextArray

Contains the state of the connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ClearAllContext Method

Clears all the set of arrays in the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ClearAllContext ( _
    ByRef contextArray As Object() _
)
```

C#

```
public void ClearAllContext (
    ref Object[] contextArray
)
```

C++

```
public:
void ClearAllContext (
    array<Object^>^% contextArray
)
```

J#

```
public void ClearAllContext (
    /** @ref */ Object[] contextArray
)
```

JScript

## Parameters

contextArray

The set of context to be cleared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.CountContext Method

Shows the object count in the context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub CountContext ( _
    ByRef contextArray As Object(), _
    <OutAttribute> ByRef contextCount As Integer _
)
```

C#

```
public void CountContext (
    ref Object[] contextArray,
    out int contextCount
)
```

C++

```
public:
void CountContext (
    array<Object^>^% contextArray,
    [OutAttribute] int% contextCount
)
```

J#

```
public void CountContext (
    /** @ref */ Object[] contextArray,
    /** @attribute OutAttribute() */ /** @ref */ int contextCount
)
```

JScript

## Parameters

contextArray

The set of context to be cleared.

contextCount

The number of context to be cleared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.DeleteContext Method

Deletes a specific context in the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub DeleteContext ( _
    valueName As String, _
    ByRef contextArray As Object() _
)
```

C#

```
public void DeleteContext (
    string valueName,
    ref Object[] contextArray
)
```

C++

```
public:
void DeleteContext (
    String^ valueName,
    array<Object^>^% contextArray
)
```

J#

```
public void DeleteContext (
    String valueName,
    /** @ref */ Object[] contextArray
)
```

JScript

## Parameters

valueName

The name of the context to be deleted.

contextArray

The set of context to be cleared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.Get\_CONNTYPE\_Info Method

Shows the information of the connection type.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Get_CONNTYPE_Info ( _
    ByRef contextArray As Object(), _
    <OutAttribute> ByRef isPersistent As Boolean, _
    <OutAttribute> ByRef connectionIsViable As Boolean _
)
```

C#

```
public void Get_CONNTYPE_Info (
    ref Object[] contextArray,
    out bool isPersistent,
    out bool connectionIsViable
)
```

C++

```
public:
void Get_CONNTYPE_Info (
    array<Object^>^% contextArray,
    [OutAttribute] bool% isPersistent,
    [OutAttribute] bool% connectionIsViable
)
```

J#

```
public void Get_CONNTYPE_Info (
    /** @ref */ Object[] contextArray,
    /** @attribute OutAttribute() */ /** @ref */ boolean isPersistent,
    /** @attribute OutAttribute() */ /** @ref */ boolean connectionIsViable
)
```

JScript

## Parameters

contextArray

The set of context to be cleared.

isPersistent

**true** if the connection is persistent; otherwise, **false**.

connectionIsViable

**true** if the connection is viable; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.Get\_Conversation\_Info Method

Shows the information about the conversation.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Get_Conversation_Info ( _
    ByRef contextArray As Object(), _
    <OutAttribute> ByRef isConversationActive As Boolean, _
    <OutAttribute> ByRef connectionState As String _
)
```

C#

```
public void Get_Conversation_Info (
    ref Object[] contextArray,
    out bool isConversationActive,
    out string connectionState
)
```

C++

```
public:
void Get_Conversation_Info (
    array<Object^>^% contextArray,
    [OutAttribute] bool% isConversationActive,
    [OutAttribute] String^% connectionState
)
```

J#

```
public void Get_Conversation_Info (
    /** @ref */ Object[] contextArray,
    /** @attribute OutAttribute() */ /** @ref */ boolean isConversationActive,
    /** @attribute OutAttribute() */ /** @ref */ String connectionState
)
```

JScript

## Parameters

contextArray

The set of context to be cleared.

isConversationActive

**true** if the conversation is active; otherwise, **false**.

connectionState

The current connection state of the connection.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.ImportArray Method

Populates the specified object with data from an array.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

### Overload List

	Name	Description
	<a href="#">ImportArray(Object[])</a>	Populates the specified object with data from an array.
	<a href="#">ImportArray(Object[], Boolean)</a>	

See Also

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

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### ClientContext.ImportArray Method (Object[])

Populates the specified object with data from an array.

Syntax

C#

```
public void ImportArray(  
    object[] contextArray  
)
```

C++

```
public:  
void ImportArray(  
    array<Object^>^ contextArray  
)
```

F#

```
member ImportArray :  
    contextArray:Object[] -> unit
```

VB

```
Public Sub ImportArray (  
    contextArray As Object()  
)
```

### Parameters

*contextArray*

Type: [System.Object](#)

The set of context to be cleared.

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### ClientContext.ImportArray Method (Object[], Boolean)

Syntax

C#

```
public void ImportArray(  
    object[] contextArray,  
    bool allowPersistent  
)
```

C++

```
public:
void ImportArray(
    array<Object^>^ contextArray,
    bool allowPersistent
)
```

F#

```
member ImportArray :
    contextArray:Object[] *
    allowPersistent:bool -> unit
```

VB

```
Public Sub ImportArray (
    contextArray As Object(),
    allowPersistent As Boolean
)
```

#### Parameters

*contextArray*

Type: [System.Object](#)

*allowPersistent*

Type: [System.Boolean](#)

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# ClientContext.ImportArray Method (Object[])

Populates the specified object with data from an array.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ImportArray ( _
    contextArray As Object() _
)
```

C#

```
public void ImportArray (
    Object[] contextArray
)
```

C++

```
public:
void ImportArray (
    array<Object^>^ contextArray
)
```

J#

```
public void ImportArray (
    Object[] contextArray
)
```

JScript

```
public function ImportArray (
    contextArray : Object[]
)
```

## Parameters

contextArray

The set of context to be cleared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ImportArray Method (Object[], Boolean)

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ImportArray ( _
    contextArray As Object(), _
    allowPersistent As Boolean _
)
```

C#

```
public void ImportArray (
    Object[] contextArray,
    bool allowPersistent
)
```

C++

```
public:
void ImportArray (
    array<Object^>^ contextArray,
    bool allowPersistent
)
```

J#

```
public void ImportArray (
    Object[] contextArray,
    boolean allowPersistent
)
```

JScript

```
public function ImportArray (
    contextArray : Object[],
    allowPersistent : boolean
)
```

## Parameters

contextArray

allowPersistent

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.QueryContextInfo Method

Renders the information that the query context provides.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub QueryContextInfo ( _
    ByRef contextArray As Object(), _
    <OutAttribute> ByRef contextCount As Integer, _
    <OutAttribute> ByRef contextNameArray As String(), _
    <OutAttribute> ByRef contextTypeArray As Type() _
)
```

C#

```
public void QueryContextInfo (
    ref Object[] contextArray,
    out int contextCount,
    out string[] contextNameArray,
    out Type[] contextTypeArray
)
```

C++

```
public:
void QueryContextInfo (
    array<Object^>^% contextArray,
    [OutAttribute] int% contextCount,
    [OutAttribute] array<String^>^% contextNameArray,
    [OutAttribute] array<Type^>^% contextTypeArray
)
```

J#

```
public void QueryContextInfo (
    /** @ref */ Object[] contextArray,
    /** @attribute OutAttribute() */ /** @ref */ int contextCount,
    /** @attribute OutAttribute() */ /** @ref */ String[] contextNameArray,
    /** @attribute OutAttribute() */ /** @ref */ Type[] contextTypeArray
)
```

JScript

## Parameters

contextArray

The set of context to be cleared.

contextCount

The number of objects in the context area.

contextNameArray

The name of the array in the context.

contextTypeArray

The type of the array in the context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ReadContext Method

Uses the **ReadContext** method to acquire the value of an entry in a TI Context array.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ReadContext ( _
    valueName As String, _
    <OutAttribute> ByRef contextValue As Object, _
    ByRef contextArray As Object() _
)
```

C#

```
public void ReadContext (
    string valueName,
    out Object contextValue,
    ref Object[] contextArray
)
```

C++

```
public:
void ReadContext (
    String^ valueName,
    [OutAttribute] Object^% contextValue,
    array<Object^>^% contextArray
)
```

J#

```
public void ReadContext (
    String valueName,
    /** @attribute OutAttribute() */ /** @ref */ Object contextValue,
    /** @ref */ Object[] contextArray
)
```

JScript

## Parameters

valueName

The name of the specified value.

contextValue

The value of the object in the context.

contextArray

The set of context to be cleared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.Reset Method

Sets the connection to its initial position in the [ClientContext](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub Reset ( _
    retainPersistentConnectionInformation As Boolean _
)
```

C#

```
public void Reset (
    bool retainPersistentConnectionInformation
)
```

C++

```
public:
void Reset (
    bool retainPersistentConnectionInformation
)
```

J#

```
public void Reset (
    boolean retainPersistentConnectionInformation
)
```

JScript

```
public function Reset (
    retainPersistentConnectionInformation : boolean
)
```

## Parameters

retainPersistentConnectionInformation

**true** to retain persistent connection information; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.StringToContextDescriptorBytes Method

Indicates the object to convert from string to context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function StringToContextDescriptorBytes ( _
    firstObject As Object _
) As Object
```

C#

```
public static Object StringToContextDescriptorBytes (
    Object firstObject
)
```

C++

```
public:
static Object^ StringToContextDescriptorBytes (
    Object^ firstObject
)
```

J#

```
public static Object StringToContextDescriptorBytes (
    Object firstObject
)
```

JScript

```
public static function StringToContextDescriptorBytes (
    firstObject : Object
) : Object
```

## Parameters

firstObject

The first object.

## Return Value

The object to convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.ToArray Method

Copies the elements of the [ClientContext](#) class to a new array.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Overload List

Name	Description
 <a href="#">ToArray()</a>	Copies the elements of the <a href="#">ClientContext</a> class to a new array.
 <a href="#">ToArray(Boolean)</a>	

See Also

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

## ClientContext.ToArray Method ()

Copies the elements of the [ClientContext](#) class to a new array.

Syntax

C#

```
public object[] ToArray()
```

C++

```
public:  
array<Object^>^ ToArray()
```

F#

```
member ToArray : unit -> Object[]
```

VB

```
Public Function ToArray As Object()
```

## Return Value

Type: [System.Object](#)

An array containing copies of the element of the specified class.

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## ClientContext.ToArray Method (Boolean)

Syntax

C#

```
public object[] ToArray(  
    bool AllowPersistent  
)
```

C++

```
public:  
array<Object^>^ ToArray(  
    bool AllowPersistent  
)
```

F#

```
member ToArray :
```

AllowPersistent:[bool](#) -> Object[]

VB

```
Public Function ToArray (  
    AllowPersistent As Boolean  
) As Object()
```

**Parameters**

*AllowPersistent*

Type: [System.Boolean](#)

**Return Value**

Type: [System.Object](#)

Returns [Object](#).

[Return to top](#)



# ClientContext.ToArray Method ()

Copies the elements of the [ClientContext](#) class to a new array.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ToArray As Object()
```

C#

```
public Object[] ToArray ()
```

C++

```
public:
array<Object^>^ ToArray ()
```

J#

```
public Object[] ToArray ()
```

JScript

```
public function ToArray () : Object[]
```

## Return Value

An array containing copies of the element of the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ToArray Method (Boolean)

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Function ToArray ( _
    AllowPersistent As Boolean _
) As Object()
```

C#

```
public Object[] ToArray (
    bool AllowPersistent
)
```

C++

```
public:
array<Object^>^ ToArray (
    bool AllowPersistent
)
```

J#

```
public Object[] ToArray (
    boolean AllowPersistent
)
```

JScript

```
public function ToArray (
    AllowPersistent : boolean
) : Object[]
```

## Parameters

AllowPersistent

## Return Value

Returns [Object](#).

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.TracingOptionsOff Method

Switches off the tracing options.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub TracingOptionsOff ( _
    TracingCategoryOptions As Long _
)
```

C#

```
public void TracingOptionsOff (
    long TracingCategoryOptions
)
```

C++

```
public:
void TracingOptionsOff (
    long long TracingCategoryOptions
)
```

J#

```
public void TracingOptionsOff (
    long TracingCategoryOptions
)
```

JScript

```
public function TracingOptionsOff (
    TracingCategoryOptions : long
)
```

## Parameters

TracingCategoryOptions

List of category options.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.TracingOptionsOn Method

Switches on the tracing options.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub TracingOptionsOn ( _
    TracingCategoryOptions As Long _
)
```

C#

```
public void TracingOptionsOn (
    long TracingCategoryOptions
)
```

C++

```
public:
void TracingOptionsOn (
    long long TracingCategoryOptions
)
```

J#

```
public void TracingOptionsOn (
    long TracingCategoryOptions
)
```

JScript

```
public function TracingOptionsOn (
    TracingCategoryOptions : long
)
```

## Parameters

TracingCategoryOptions

List of category options.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ValidateKeyword Method

Checks the context keyword in the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub ValidateKeyword ( _
    valueName As String _
)
```

C#

```
public void ValidateKeyword (
    string valueName
)
```

C++

```
public:
void ValidateKeyword (
    String^ valueName
)
```

J#

```
public void ValidateKeyword (
    String valueName
)
```

JScript

```
public function ValidateKeyword (
    valueName : String
)
```

## Parameters

valueName

The name of the value.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.WriteContext Method

Adds or replaces an entry in a TI Context array.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub WriteContext ( _
    valueName As String, _
    contextValue As Object, _
    ByRef contextArray As Object() _
)
```

C#

```
public void WriteContext (
    string valueName,
    Object contextValue,
    ref Object[] contextArray
)
```

C++

```
public:
void WriteContext (
    String^ valueName,
    Object^ contextValue,
    array<Object^>^% contextArray
)
```

J#

```
public void WriteContext (
    String valueName,
    Object contextValue,
    /** @ref */ Object[] contextArray
)
```

JScript

## Parameters

valueName

The name under which the TI Context entry will be stored and accessed.

contextValue

The value to be stored for the context entry identified by valueName.

contextArray

The TI Context entries that are passed to and returned from COM+ objects.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**


























[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext Properties

## Public Properties

	Name	Description
	<a href="#">AliasTransactionId</a>	Gets or sets the alias transaction ID for the <a href="#">ClientContext</a> class.
	<a href="#">ConnectionUsage</a>	Gets or sets the connection usage for the <b>ClientContext</b> class.
	<a href="#">Converter</a>	Gets or sets the converter to use.
	<a href="#">DynamicRE</a>	Gets or sets the specified Dynamic Remote Environment.
	<a href="#">IMSClientId</a>	Gets or sets the information management systems client identifier for the <b>ClientContext</b> class.
	<a href="#">IMSLTerm</a>	Gets or sets the information management systems logical terminal for the <b>ClientContext</b> class.
	<a href="#">IMSModName</a>	Gets or sets the name of the returned MOD Name assigned by the executed IMS transaction.
	<a href="#">IPAddress</a>	Gets or sets the specified value of the Internet Protocol (IP) address.
	<a href="#">IsConnectionViable</a>	Gets or sets whether the connection for the <b>ClientContext</b> class is viable.
	<a href="#">IsConversational</a>	Gets or sets whether <b>ClientContext</b> is conversational.
	<a href="#">IsPersistent</a>	Gets or sets whether <b>ClientContext</b> is persistent.
	<a href="#">LibraryName</a>	Gets or sets the library name for the client context.
	<a href="#">LUName</a>	Gets or sets the LU name in the context.
	<a href="#">MirrorProgramName</a>	Gets or sets the name of the Mirror Program.
	<a href="#">ModeName</a>	Gets or sets the mode name associated with the client context.
	<a href="#">OtmaSystemId</a>	Gets or sets the system id for the OTMA in the client context.
	<a href="#">Password</a>	Gets or sets the client password for the class.
	<a href="#">PersistentConnectionCorrelator</a>	Gets or sets the persistent connection correlator.
	<a href="#">PersistentConnectionTimeout</a>	Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.
	<a href="#">Port</a>	Gets or sets the TCP/IP port number that the Transaction Integrator runtime will use.
	<a href="#">ProgramName</a>	Gets or sets the name of the program associated with the client context.
	<a href="#">ReceiveTimeout</a>	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for a response from the host.
	<a href="#">RemoteEnvironment</a>	Gets or sets the specified value of the remote environment.
	<a href="#">SendTimeout</a>	Gets or sets the number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.
	<a href="#">SourceTransactionId</a>	Gets or sets the value of the Source Transaction Id.
	<a href="#">TransactionId</a>	Gets or sets a string object that represents the transaction ID of the client.
	<a href="#">TransportHeaders</a>	Gets or sets a transport header that is associated with the client context.
	<a href="#">User</a>	Gets or sets the value of the user.
	<a href="#">UserAgent</a>	Gets or sets the value for the user agent header that is sent with each request.
	<a href="#">WcfExclusiveUse</a>	Gets or sets an operation that requires exclusives access to the specified object.

See Also

### Reference

[ClientContext Class](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.AliasTransactionId Property

Gets or sets the alias transaction ID for the [ClientContext](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property AliasTransactionId As String
```

C#

```
[DataMemberAttribute]
public string AliasTransactionId { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ AliasTransactionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AliasTransactionId ()

/** @property */
public void set_AliasTransactionId (String value)
```

JScript

```
public function get AliasTransactionId () : String

public function set AliasTransactionId (value : String)
```

## Property Value

The alias transaction ID for the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ConnectionUsage Property

Gets or sets the connection usage for the [ClientContext](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property ConnectionUsage As ConnectionTypes
```

C#

```
[DataMemberAttribute]
public ConnectionTypes ConnectionUsage { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property ConnectionTypes ConnectionUsage {
    ConnectionTypes get ();
    void set (ConnectionTypes value);
}
```

J#

```
/** @property */
public ConnectionTypes get_ConnectionUsage ()

/** @property */
public void set_ConnectionUsage (ConnectionTypes value)
```

JScript

```
public function get ConnectionUsage () : ConnectionTypes

public function set ConnectionUsage (value : ConnectionTypes)
```

## Property Value

The connection usage for the class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.Converter Property

Gets or sets the converter to use.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property Converter As String
```

C#

```
[DataMemberAttribute]
public string Converter { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ Converter {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Converter ()

/** @property */
public void set_Converter (String value)
```

JScript

```
public function get Converter () : String

public function set Converter (value : String)
```

## Property Value

The converter to use.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.DynamicRE Property

Gets or sets the specified Dynamic Remote Environment.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property DynamicRE As BaseRemoteEnvironment
```

C#

```
[DataMemberAttribute]
public BaseRemoteEnvironment DynamicRE { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property BaseRemoteEnvironment^ DynamicRE {
    BaseRemoteEnvironment^ get ();
    void set (BaseRemoteEnvironment^ value);
}
```

J#

```
/** @property */
public BaseRemoteEnvironment get_DynamicRE ()

/** @property */
public void set_DynamicRE (BaseRemoteEnvironment value)
```

JScript

```
public function get DynamicRE () : BaseRemoteEnvironment

public function set DynamicRE (value : BaseRemoteEnvironment)
```

## Property Value

The specified Dynamic Remote Environment.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IMSClientId Property

Gets or sets the information management systems client identifier for the [ClientContext](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IMSClientId As String
```

C#

```
[DataMemberAttribute]
public string IMSClientId { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ IMSClientId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IMSClientId ()

/** @property */
public void set_IMSClientId (String value)
```

JScript

```
public function get IMSClientId () : String

public function set IMSClientId (value : String)
```

## Property Value

The information management systems client id for the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IMSLTerm Property

Gets or sets the information management systems logical terminal for the [ClientContext](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IMSLTerm As String
```

C#

```
[DataMemberAttribute]
public string IMSLTerm { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ IMSLTerm {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IMSLTerm ()

/** @property */
public void set_IMSLTerm (String value)
```

JScript

```
public function get IMSLTerm () : String

public function set IMSLTerm (value : String)
```

## Property Value

The information management systems logical terminal for the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IMSModName Property

Gets or sets the name of the returned MOD Name assigned by the executed IMS transaction.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IMSModName As String
```

C#

```
[DataMemberAttribute]
public string IMSModName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ IMSModName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IMSModName ()

/** @property */
public void set_IMSModName (String value)
```

JScript

```
public function get IMSModName () : String

public function set IMSModName (value : String)
```

## Property Value

The name of the returned MOD Name assigned by the executed IMS transaction.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IPAddress Property

Gets or sets the specified value of the Internet Protocol (IP) address.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IPAddress As String
```

C#

```
[DataMemberAttribute]
public string IPAddress { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ IPAddress {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_IPAddress ()

/** @property */
public void set_IPAddress (String value)
```

JScript

```
public function get IPAddress () : String

public function set IPAddress (value : String)
```

## Property Value

A value for the Internet Protocol (IP).

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.IsConnectionViable Property

Gets or sets whether the connection for the [ClientContext](#) class is viable.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IsConnectionViable As Boolean
```

C#

```
[DataMemberAttribute]
public bool IsConnectionViable { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property bool IsConnectionViable {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_IsConnectionViable ()

/** @property */
public void set_IsConnectionViable (boolean value)
```

JScript

```
public function get IsConnectionViable () : boolean

public function set IsConnectionViable (value : boolean)
```

## Property Value

**True** if the connection is viable; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IsConversational Property

Gets or sets whether [ClientContext](#) is conversational.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IsConversational As Boolean
```

C#

```
[DataMemberAttribute]
public bool IsConversational { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property bool IsConversational {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_IsConversational ()

/** @property */
public void set_IsConversational (boolean value)
```

JScript

```
public function get IsConversational () : boolean

public function set IsConversational (value : boolean)
```

## Property Value

**True** if conversational; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.IsPersistent Property

Gets or sets whether [ClientContext](#) is persistent.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property IsPersistent As Boolean
```

C#

```
[DataMemberAttribute]
public bool IsPersistent { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property bool IsPersistent {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_IsPersistent ()

/** @property */
public void set_IsPersistent (boolean value)
```

JScript

```
public function get IsPersistent () : boolean

public function set IsPersistent (value : boolean)
```

## Property Value

**True** if persistent; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.LibraryName Property

Gets or sets the library name for the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property LibraryName As String
```

C#

```
[DataMemberAttribute]
public string LibraryName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ LibraryName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LibraryName ()

/** @property */
public void set_LibraryName (String value)
```

JScript

```
public function get LibraryName () : String

public function set LibraryName (value : String)
```

## Property Value

The library name for the client context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.LUName Property

Gets or sets the LU name in the context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property LUName As String
```

C#

```
[DataMemberAttribute]
public string LUName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ LUName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LUName ()

/** @property */
public void set_LUName (String value)
```

JScript

```
public function get LUName () : String

public function set LUName (value : String)
```

## Property Value

A value for the LU name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.MirrorProgramName Property

Gets or sets the name of the Mirror Program.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property MirrorProgramName As String
```

C#

```
[DataMemberAttribute]
public string MirrorProgramName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ MirrorProgramName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MirrorProgramName ()

/** @property */
public void set_MirrorProgramName (String value)
```

JScript

```
public function get MirrorProgramName () : String

public function set MirrorProgramName (value : String)
```

## Property Value

The name of the Mirror Program.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ModeName Property

Gets or sets the mode name associated with the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property ModeName As String
```

C#

```
[DataMemberAttribute]
public string ModeName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ ModeName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ModeName ()

/** @property */
public void set_ModeName (String value)
```

JScript

```
public function get ModeName () : String

public function set ModeName (value : String)
```

## Property Value

The mode name associated with the client context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.OtmaSystemId Property

Gets or sets the system id for the OTMA in the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property OtmaSystemId As String
```

C#

```
[DataMemberAttribute]
public string OtmaSystemId { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ OtmaSystemId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_OtmaSystemId ()

/** @property */
public void set_OtmaSystemId (String value)
```

JScript

```
public function get OtmaSystemId () : String

public function set OtmaSystemId (value : String)
```

## Property Value

The system id for the OTMA.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.Password Property

Gets or sets the client password for the class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property Password As String
```

C#

```
[DataMemberAttribute]
public string Password { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ Password {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Password ()

/** @property */
public void set_Password (String value)
```

JScript

```
public function get Password () : String

public function set Password (value : String)
```

## Property Value

The client password for the class.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.PersistentConnectionCorrelator Property

Gets or sets the persistent connection correlator.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property PersistentConnectionCorrelator As Nullable(Of Guid)
```

C#

```
[DataMemberAttribute]
public Nullable<Guid> PersistentConnectionCorrelator { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<Guid> PersistentConnectionCorrelator {
    Nullable<Guid> get ();
    void set (Nullable<Guid> value);
}
```

J#

```
/** @property */
public Nullable<Guid> get_PersistentConnectionCorrelator ()

/** @property */
public void set_PersistentConnectionCorrelator (Nullable<Guid> value)
```

JScript

```
public function get PersistentConnectionCorrelator () : Nullable<Guid>

public function set PersistentConnectionCorrelator (value : Nullable<Guid>)
```

## Property Value

The persistent connection correlator.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.PersistentConnectionTimeout Property

Gets or sets the time to wait while trying to establish a connection before terminating the attempt and generating an error.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property PersistentConnectionTimeout As Nullable(Of Integer)
```

C#

```
[DataMemberAttribute]
public Nullable<int> PersistentConnectionTimeout { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<int> PersistentConnectionTimeout {
    Nullable<int> get ();
    void set (Nullable<int> value);
}
```

J#

```
/** @property */
public Nullable<int> get_PersistentConnectionTimeout ()

/** @property */
public void set_PersistentConnectionTimeout (Nullable<int> value)
```

JScript

```
public function get PersistentConnectionTimeout () : Nullable<int>

public function set PersistentConnectionTimeout (value : Nullable<int>)
```

## Property Value

The time (in seconds) to wait for a connection to open.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.Port Property

Gets or sets the TCP/IP port number that the Transaction Integrator runtime will use.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property Port As Nullable(Of Integer)
```

C#

```
[DataMemberAttribute]
public Nullable<int> Port { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<int> Port {
    Nullable<int> get ();
    void set (Nullable<int> value);
}
```

J#

```
/** @property */
public Nullable<int> get_Port ()

/** @property */
public void set_Port (Nullable<int> value)
```

JScript

```
public function get Port () : Nullable<int>

public function set Port (value : Nullable<int>)
```

## Property Value

The TCP/IP port number that the Transaction Integrator runtime will use.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ProgramName Property

Gets or sets the name of the program associated with the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property ProgramName As String
```

C#

```
[DataMemberAttribute]
public string ProgramName { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ ProgramName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ProgramName ()

/** @property */
public void set_ProgramName (String value)
```

JScript

```
public function get ProgramName () : String

public function set ProgramName (value : String)
```

## Property Value

The name of the program.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.ReceiveTimeout Property

Gets or sets the number of seconds that the Transaction Integrator runtime will wait for a response from the host.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property ReceiveTimeout As Nullable(Of Integer)
```

C#

```
[DataMemberAttribute]
public Nullable<int> ReceiveTimeout { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<int> ReceiveTimeout {
    Nullable<int> get ();
    void set (Nullable<int> value);
}
```

J#

```
/** @property */
public Nullable<int> get_ReceiveTimeout ()

/** @property */
public void set_ReceiveTimeout (Nullable<int> value)
```

JScript

```
public function get ReceiveTimeout () : Nullable<int>

public function set ReceiveTimeout (value : Nullable<int>)
```

## Property Value

The number of seconds that the Transaction Integrator runtime will wait for a response from the host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.RemoteEnvironment Property

Gets or sets the specified value of the remote environment.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property RemoteEnvironment As String
```

C#

```
[DataMemberAttribute]
public string RemoteEnvironment { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ RemoteEnvironment {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteEnvironment ()

/** @property */
public void set_RemoteEnvironment (String value)
```

JScript

```
public function get RemoteEnvironment () : String

public function set RemoteEnvironment (value : String)
```

## Property Value

The value of the remote environment.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.SendTimeout Property

Gets or sets the number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property SendTimeout As Nullable(Of Integer)
```

C#

```
[DataMemberAttribute]
public Nullable<int> SendTimeout { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<int> SendTimeout {
    Nullable<int> get ();
    void set (Nullable<int> value);
}
```

J#

```
/** @property */
public Nullable<int> get_SendTimeout ()

/** @property */
public void set_SendTimeout (Nullable<int> value)
```

JScript

```
public function get SendTimeout () : Nullable<int>

public function set SendTimeout (value : Nullable<int>)
```

## Property Value

The number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# ClientContext.SourceTransactionId Property

Gets or sets the value of the Source Transaction Id.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property SourceTransactionId As String
```

C#

```
[DataMemberAttribute]
public string SourceTransactionId { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ SourceTransactionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_SourceTransactionId ()

/** @property */
public void set_SourceTransactionId (String value)
```

JScript

```
public function get SourceTransactionId () : String

public function set SourceTransactionId (value : String)
```

## Property Value

The value of the Source Transaction Id.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.TransactionId Property

Gets or sets a string object that represents the transaction ID of the client.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property TransactionId As String
```

C#

```
[DataMemberAttribute]
public string TransactionId { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ TransactionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TransactionId ()

/** @property */
public void set_TransactionId (String value)
```

JScript

```
public function get TransactionId () : String

public function set TransactionId (value : String)
```

## Property Value

The transaction ID of the client.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.TransportHeaders Property

Gets or sets a transport header that is associated with the client context.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property TransportHeaders As CustomTransportHeaders
```

C#

```
[DataMemberAttribute]
public CustomTransportHeaders TransportHeaders { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property CustomTransportHeaders^ TransportHeaders {
    CustomTransportHeaders^ get ();
    void set (CustomTransportHeaders^ value);
}
```

J#

```
/** @property */
public CustomTransportHeaders get_TransportHeaders ()

/** @property */
public void set_TransportHeaders (CustomTransportHeaders value)
```

JScript

```
public function get TransportHeaders () : CustomTransportHeaders

public function set TransportHeaders (value : CustomTransportHeaders)
```

## Property Value

The transport header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.User Property

Gets or sets the value of the user.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property User As String
```

C#

```
[DataMemberAttribute]
public string User { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ User {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_User ()

/** @property */
public void set_User (String value)
```

JScript

```
public function get User () : String

public function set User (value : String)
```

## Property Value

The value of the user.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.UserAgent Property

Gets or sets the value for the user agent header that is sent with each request.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property UserAgent As String
```

C#

```
[DataMemberAttribute]
public string UserAgent { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property String^ UserAgent {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserAgent ()

/** @property */
public void set_UserAgent (String value)
```

JScript

```
public function get UserAgent () : String

public function set UserAgent (value : String)
```

## Property Value

The value of the user agent.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ClientContext.WcfExclusiveUse Property

Gets or sets an operation that requires exclusives access to the specified object.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<DataMemberAttribute> _
Public Property WcfExclusiveUse As Nullable(Of Long)
```

C#

```
[DataMemberAttribute]
public Nullable<long> WcfExclusiveUse { get; set; }
```

C++

```
[DataMemberAttribute]
public:
property Nullable<long long> WcfExclusiveUse {
    Nullable<long long> get ();
    void set (Nullable<long long> value);
}
```

J#

```
/** @property */
public Nullable<long> get_WcfExclusiveUse ()

/** @property */
public void set_WcfExclusiveUse (Nullable<long> value)
```

JScript

```
public function get WcfExclusiveUse () : Nullable<long>

public function set WcfExclusiveUse (value : Nullable<long>)
```

## Property Value

An operation that requires exclusives access to the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[ClientContext Class](#)

[ClientContext Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ContextDescriptor Structure

Represents the message context for a description.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
[SerializableAttribute]
public struct ContextDescriptor
```

C++

```
[SerializableAttribute]
public value struct ContextDescriptor
```





F#

```
[<Sealed>]
[<SerializableAttribute>]
type ContextDescriptor = struct end
```










VB

```
<SerializableAttribute>
Public Structure ContextDescriptor
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

Fields

	Name	Description
	<a href="#">fConnectionIsViable</a>	The connection is viable.
	<a href="#">fConversationActive</a>	Defines an active conversation.
	<a href="#">lArraySize</a>	Defines the array size to use in the <b>ContextDescriptor</b> object.
	<a href="#">lICorrelator</a>	Extracts all relevant information about the document or document group.
	<a href="#">lICorrelator2</a>	Defines all relevant information about the document or document group.
	<a href="#">lTransportIndex</a>	The transport index.
	<a href="#">lVersion</a>	Defines the lVersion used in the <b>ContextDescriptor</b> object.
	<a href="#">sContextID</a>	The identifier for the context.
	<a href="#">sEntryCount</a>	The number of entries contained in the current object.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)












# ContextDescriptor Members

Represents the message context for a description.







The following tables list the members exposed by the [ContextDescriptor](#) type.

## Public Fields

	Name	Description
	<a href="#">fConnectionIsViable</a>	The connection is viable.
	<a href="#">fConversationActive</a>	Defines an active conversation.
	<a href="#">lArraySize</a>	Defines the array size to use in the <a href="#">ContextDescriptor</a> object.
	<a href="#">lICorrelator</a>	Extracts all relevant information about the document or document group.
	<a href="#">lICorrelator2</a>	Defines all relevant information about the document or document group.
	<a href="#">lTransportIndex</a>	The transport index.
	<a href="#">lVersion</a>	Defines the lVersion used in the <b>ContextDescriptor</b> object.
	<a href="#">sContextID</a>	The identifier for the context.
	<a href="#">sEntryCount</a>	The number of entries contained in the current object.



## Top

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

## Top

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also










## Reference

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ContextDescriptor Fields

Public Fields

	Name	Description
	fConnectionIsViable	The connection is viable.
	fConversationActive	Defines an active conversation.
	lArraySize	Defines the array size to use in the <a href="#">ContextDescriptor</a> object.
	lICorrelator	Extracts all relevant information about the document or document group.
	lICorrelator2	Defines all relevant information about the document or document group.
	lTransportIndex	The transport index.
	lVersion	Defines the lVersion used in the <b>ContextDescriptor</b> object.
	sContextID	The identifier for the context.
	sEntryCount	The number of entries contained in the current object.

See Also

Reference

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# ContextDescriptor.fConnectionIsViable Field

The connection is viable.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public int fConnectionIsViable
```

C++

```
public:  
int fConnectionIsViable
```

F#

```
val mutable fConnectionIsViable : int
```

VB

```
Public fConnectionIsViable As Integer
```

**Field Value**

Type: [System.Int32](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ContextDescriptor.fConversationActive Field

Defines an active conversation.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public int fConversationActive
```

C++

```
public:  
int fConversationActive
```

F#

```
val mutable fConversationActive : int
```

VB

```
Public fConversationActive As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# ContextDescriptor.lArraySize Field

Defines the array size to use in the [ContextDescriptor](#) object.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public int lArraySize
```

C++

```
public:  
int lArraySize
```

F#

```
val mutable lArraySize : int
```

VB

```
Public lArraySize As Integer
```

**Field Value**

Type: [System.Int32](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ContextDescriptor.l1Correlator Field

Extracts all relevant information about the document or document group.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public long l1Correlator
```

C++

```
public:  
long long l1Correlator
```

F#

```
val mutable l1Correlator : int64
```

VB

```
Public l1Correlator As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ContextDescriptor.l1Correlator2 Field

Defines all relevant information about the document or document group.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public long l1Correlator2
```

C++

```
public:  
long long l1Correlator2
```

F#

```
val mutable l1Correlator2 : int64
```

VB

```
Public l1Correlator2 As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# ContextDescriptor.ITransportIndex Field

The transport index.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public int ITransportIndex
```

C++

```
public:  
int ITransportIndex
```

F#

```
val mutable ITransportIndex : int
```

VB

```
Public ITransportIndex As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ContextDescriptor.IVersion Field

Defines the IVersion used in the [ContextDescriptor](#) object.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public int IVersion
```

C++

```
public:  
int IVersion
```

F#

```
val mutable IVersion : int
```

VB

```
Public IVersion As Integer
```

## Field Value

Type: [System.Int32](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# ContextDescriptor.sContextID Field

The identifier for the context.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public short sContextID
```

C++

```
public:  
short sContextID
```

F#

```
val mutable sContextID : int16
```

VB

```
Public sContextID As Short
```

**Field Value**

Type: [System.Int16](#)

See Also

[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# ContextDescriptor.sEntryCount Field

The number of entries contained in the current object.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public short sEntryCount
```

C++

```
public:  
short sEntryCount
```

F#

```
val mutable sEntryCount : int16
```

VB

```
Public sEntryCount As Short
```

**Field Value**

Type: [System.Int16](#)

See Also







[ContextDescriptor Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)




[Return to top](#)

# ContextDescriptor Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [ContextDescriptor Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAtribute Class

Represents the custom TI attributes in the [Microsoft.HostIntegration.TI](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Attribute](#)  
**Microsoft.HostIntegration.TI.CustomTIAtribute**

Syntax  
C#

```
[AttributeUsageAttribute(AttributeTargets.All, AllowMultiple = true)]
public class CustomTIAtribute : Attribute, IComparable
```

C++

```
[AttributeUsageAttribute(AttributeTargets::All, AllowMultiple = true)]
public ref class CustomTIAtribute : Attribute, IComparable
```





F#

```
[<AttributeUsageAttribute(AttributeTargets.All, AllowMultiple = true)>]
type CustomTIAtribute =
    class
        inherit Attribute
        interface IComparable
    end
```





VB



```
<AttributeUsageAttribute(AttributeTargets.All, AllowMultiple := True)>
Public Class CustomTIAtribute
    Inherits Attribute
    Implements IComparable
```

## Constructors










	Name	Description
	<a href="#">CustomTIAtribute(Guid, Object)</a>	Initializes a new instance of the <b>CustomTIAtribute</b> class with a specified name and object value.
	<a href="#">CustomTIAtribute(String, Int32)</a>	Initializes a new instance of the <b>CustomTIAtribute</b> class with a specified name and value.
	<a href="#">CustomTIAtribute(String, Object)</a>	Initializes a new instance of the <b>CustomTIAtribute</b> class with a specified attribute name and value.
	<a href="#">CustomTIAtribute(String, String)</a>	Initializes a new instance of the <b>CustomTIAtribute</b> class with a specified attribute name and value.

## Properties





	Name	Description
	<a href="#">GuidName</a>	Gets or sets the Guid name in the <b>CustomTIAtribute</b> class.
	<a href="#">IntValue</a>	Gets or sets the number that represents the value of the attribute.
	<a href="#">Name</a>	Gets the name of the attribute.
	<a href="#">ObjectValue</a>	Gets or sets the object representation of the attribute value.

 <a href="#">StringValue</a>	Gets or sets the string representation of the attribute value.
 <a href="#">TypeId</a>	(Inherited from <a href="#">Attribute</a> .)

#### Methods

	Name	Description
	<a href="#">CompareTo(Object)</a>	Compares an <b>CustomTIAtribute</b> object with another <b>CustomTIAtribute</b> object and returns an integer that indicates whether the current object precedes, follows, or occurs in the same position in the sort order as the other object.
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">IsDefaultAttribute()</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">Match(Object)</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Explicit Interface Implementations

	Name	Description
	<a href="#">_Attribute.GetIdsOfNames(Guid, IntPtr, UInt32, UInt32, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">_Attribute.GetTypeInfo(UInt32, UInt32, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">_Attribute.GetTypeInfoCount(UInt32)</a>	(Inherited from <a href="#">Attribute</a> .)
	<a href="#">_Attribute.Invoke(UInt32, Guid, UInt32, Int16, IntPtr, IntPtr, IntPtr, IntPtr)</a>	(Inherited from <a href="#">Attribute</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.TI Namespace](#)

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# CustomTIAAttribute Members

Represents the custom TI attributes in the [Microsoft.HostIntegration.TI](#) class.







The following tables list the members exposed by the [CustomTIAAttribute](#) type.

## Public Constructors

Name	Description
<a href="#">CustomTIAAttribute</a>	Overloaded. Initializes a new instance of the <a href="#">CustomTIAAttribute</a> class.
















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## Public Properties

Name	Description
 <a href="#">GuidName</a>	Gets or sets the Guid name in the <b>CustomTIAAttribute</b> class.
 <a href="#">IntValue</a>	Gets or sets the number that represents the value of the attribute.
 <a href="#">Name</a>	Gets the name of the attribute.
 <a href="#">ObjectValue</a>	Gets or sets the object representation of the attribute value.
 <a href="#">StringValue</a>	Gets or sets the string representation of the attribute value.
 <a href="#">TypeId</a>	(inherited from <a href="#">Attribute</a> )



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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">CompareTo</a>	Compares an <b>CustomTIAAttribute</b> object with another <b>CustomTIAAttribute</b> object and returns an integer that indicates whether the current object precedes, follows, or occurs in the same position in the sort order as the other object.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
  <a href="#">GetCustomAttribute</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
  <a href="#">GetCustomAttributes</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Attribute</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IsDefaultAttribute</a>	(inherited from <a href="#">Attribute</a> )
  <a href="#">IsDefined</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 <a href="#">Match</a>	(inherited from <a href="#">Attribute</a> )
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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## Explicit Interface Implementations

Name	Description
<a href="#">System.Runtime.InteropServices._Attribute.GetIdsOfNames</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfo</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfoCount</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.Invoke</a>	(inherited from <a href="#">Attribute</a> )

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See Also

## Reference

[CustomTIAAttribute Class](#)

[Microsoft.HostIntegration.TI Namespace](#)





# CustomTIAtribute Constructor

Initializes a new instance of the [CustomTIAtribute](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

## Overload List

Name	Description
 <a href="#">CustomTIAtribute(Guid, Object)</a>	Initializes a new instance of the <a href="#">CustomTIAtribute</a> class with a specified name and object value.
 <a href="#">CustomTIAtribute(String, Int32)</a>	Initializes a new instance of the <a href="#">CustomTIAtribute</a> class with a specified name and value.
 <a href="#">CustomTIAtribute(String, Object)</a>	Initializes a new instance of the <a href="#">CustomTIAtribute</a> class with a specified attribute name and value.
 <a href="#">CustomTIAtribute(String, String)</a>	Initializes a new instance of the <a href="#">CustomTIAtribute</a> class with a specified attribute name and value.

See Also

[CustomTIAtribute Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

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### CustomTIAtribute Constructor (Guid, Object)

Initializes a new instance of the [CustomTIAtribute](#) class with a specified name and object value.

Syntax

C#

```
public CustomTIAtribute(  
    Guid guidName,  
    object attributeValue  
)
```

C++

```
public:  
CustomTIAtribute(  
    Guid guidName,  
    Object^ attributeValue  
)
```

F#

```
new :  
    guidName:Guid *  
    attributeValue:Object -> CustomTIAtribute
```

VB

```
Public Sub New (  
    guidName As Guid,  
    attributeValue As Object  
)
```

### Parameters

*guidName*

Type: [System.Guid](#)

The name for the globally unique identifier.

*attributeValue*



Type: [System.Object](#)

The value of an object attributes.

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### **CustomTIAAttribute Constructor (String, Int32)**

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified name and value.

Syntax

C#

```
public CustomTIAAttribute(  
    string attributeName,  
    int attributeValue  
)
```

C++

```
public:  
CustomTIAAttribute(  
    String^ attributeName,  
    int attributeValue  
)
```

F#

```
new :  
    attributeName:string *  
    attributeValue:int -> CustomTIAAttribute
```

VB

```
Public Sub New (  
    attributeName As String,  
    attributeValue As Integer  
)
```

### **Parameters**

*attributeName*

Type: [System.String](#)

The name for the attribute.

*attributeValue*

Type: [System.Int32](#)

A number representing the attribute value.

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### **CustomTIAAttribute Constructor (String, Object)**

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified attribute name and value.

Syntax

C#

```
public CustomTIAAttribute(  
    string attributeName,  
    object attributeValue  
)
```

C++

```
public:  
CustomTIAAttribute(  
    String^ attributeName,  
    Object^ attributeValue  
)
```

F#

```
new :  
    attributeName:string *  
    attributeValue:Object -> CustomTIAAttribute
```

VB

```
Public Sub New (  
    attributeName As String,  
    attributeValue As Object  
)
```

#### Parameters

*attributeName*

Type: [System.String](#)

The name for the attribute.

*attributeValue*

Type: [System.Object](#)

The value of the attribute.

[Return to top](#)

#### CustomTIAAttribute Constructor (String, String)

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified attribute name and value.

Syntax

C#

```
public CustomTIAAttribute(  
    string attributeName,  
    string attributeValue  
)
```

C++

```
public:  
CustomTIAAttribute(  
    String^ attributeName,  
    String^ attributeValue  
)
```

F#

```
new :  
    attributeName:string *  
    attributeValue:string -> CustomTIAAttribute
```

VB

```
Public Sub New (  
    attributeName As String,  
    attributeValue As String  
)
```

#### Parameters

*attributeName*

Type: [System.String](#)

The name for the attribute.

*attributeValue*

Type: [System.String](#)

A specified name for the attribute value.

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# CustomTIAAttribute Constructor (Guid, Object)

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified name and object value.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    guidName As Guid, _
    attributeValue As Object _
)
```

C#

```
public CustomTIAAttribute (
    Guid guidName,
    Object attributeValue
)
```

C++

```
public:
CustomTIAAttribute (
    Guid guidName,
    Object^ attributeValue
)
```

J#

```
public CustomTIAAttribute (
    Guid guidName,
    Object attributeValue
)
```

JScript

```
public function CustomTIAAttribute (
    guidName : Guid,
    attributeValue : Object
)
```

## Parameters

guidName

The name for the globally unique identifier.

attributeValue

The value of an object attributes.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTIAAttribute Class](#)

[CustomTIAAttribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAAttribute Constructor (String, Int32)

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified name and value.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attributeName As String, _
    attributeValue As Integer _
)
```

C#

```
public CustomTIAAttribute (
    string attributeName,
    int attributeValue
)
```

C++

```
public:
CustomTIAAttribute (
    String^ attributeName,
    int attributeValue
)
```

J#

```
public CustomTIAAttribute (
    String attributeName,
    int attributeValue
)
```

JScript

```
public function CustomTIAAttribute (
    attributeName : String,
    attributeValue : int
)
```

## Parameters

attributeName

The name for the attribute.

attributeValue

A number representing the attribute value.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTIAAttribute Class](#)

[CustomTIAAttribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAAttribute Constructor (String, Object)

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified attribute name and value.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attributeName As String, _
    attributeValue As Object _
)
```

C#

```
public CustomTIAAttribute (
    string attributeName,
    Object attributeValue
)
```

C++

```
public:
CustomTIAAttribute (
    String^ attributeName,
    Object^ attributeValue
)
```

J#

```
public CustomTIAAttribute (
    String attributeName,
    Object attributeValue
)
```

JScript

```
public function CustomTIAAttribute (
    attributeName : String,
    attributeValue : Object
)
```

## Parameters

attributeName

The name for the attribute.

attributeValue

The value of the attribute.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTIAAttribute Class](#)

[CustomTIAAttribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAAttribute Constructor (String, String)

Initializes a new instance of the [CustomTIAAttribute](#) class with a specified attribute name and value.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    attributeName As String, _
    attributeValue As String _
)
```

C#

```
public CustomTIAAttribute (
    string attributeName,
    string attributeValue
)
```

C++

```
public:
CustomTIAAttribute (
    String^ attributeName,
    String^ attributeValue
)
```

J#

```
public CustomTIAAttribute (
    String attributeName,
    String attributeValue
)
```

JScript

```
public function CustomTIAAttribute (
    attributeName : String,
    attributeValue : String
)
```

## Parameters

attributeName

The name for the attribute.

attributeValue

A specified name for the attribute value.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference
















[CustomTIAAttribute Class](#)

[CustomTIAAttribute Members](#)





[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAtribute Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">CompareTo</a>	Compares an <a href="#">CustomTIAtribute</a> object with another <b>CustomTIAtribute</b> object and returns an integer that indicates whether the current object precedes, follows, or occurs in the same position in the sort order as the other object.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 	<a href="#">GetCustomAttribute</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
 	<a href="#">GetCustomAttributes</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Attribute</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsDefaultAttribute</a>	(inherited from <a href="#">Attribute</a> )
 	<a href="#">IsDefined</a>	Overloaded. (inherited from <a href="#">Attribute</a> )
	<a href="#">Match</a>	(inherited from <a href="#">Attribute</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
 	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

Explicit Interface Implementations

Name	Description
<a href="#">System.Runtime.InteropServices._Attribute.GetIDsOfNames</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfo</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.GetTypeInfoCount</a>	(inherited from <a href="#">Attribute</a> )
<a href="#">System.Runtime.InteropServices._Attribute.Invoke</a>	(inherited from <a href="#">Attribute</a> )

See Also

**Reference**

- [CustomTIAtribute Class](#)
- [Microsoft.HostIntegration.TI Namespace](#)



# CustomTIAtribute.CompareTo Method

Compares an [CustomTIAtribute](#) object with another **CustomTIAtribute** object and returns an integer that indicates whether the current object precedes, follows, or occurs in the same position in the sort order as the other object.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Function CompareTo ( _
    obj As Object _
) As Integer
```

C#

```
public int CompareTo (
    Object obj
)
```

C++

```
public:
virtual int CompareTo (
    Object^ obj
) sealed
```

J#

```
public final int CompareTo (
    Object obj
)
```

JScript

```
public final function CompareTo (
    obj : Object
) : int
```

## Parameters

obj

The object to be compared.

## Return Value

A value that indicates the relative order of the objects being compared.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference







[CustomTIAtribute Class](#)

[CustomTIAtribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAttribute Properties

Public Properties

	Name	Description
	<a href="#">GuidName</a>	Gets or sets the Guid name in the <a href="#">CustomTIAttribute</a> class.
	<a href="#">IntValue</a>	Gets or sets the number that represents the value of the attribute.
	<a href="#">Name</a>	Gets the name of the attribute.
	<a href="#">ObjectValue</a>	Gets or sets the object representation of the attribute value.
	<a href="#">StringValue</a>	Gets or sets the string representation of the attribute value.
	<a href="#">TypeId</a>	(inherited from <a href="#">Attribute</a> )

See Also

Reference

[CustomTIAttribute Class](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAAttribute.GuidName Property

Gets or sets the Guid name in the [CustomTIAAttribute](#) class.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<ReadOnlyAttribute(True)> _
<BrowsableAttribute(False)> _
Public ReadOnly Property GuidName As Guid
```

C#

```
[ReadOnlyAttribute(true)]
[BrowsableAttribute(false)]
public Guid GuidName { get; }
```

C++

```
[ReadOnlyAttribute(true)]
[BrowsableAttribute(false)]
public:
property Guid GuidName {
    Guid get ();
}
```

J#

```
/** @property */
public Guid get_GuidName ()
```

JScript

```
public function get GuidName () : Guid
```

## Property Value

The Guid name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTIAAttribute Class](#)

[CustomTIAAttribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTIAtribute.IntValue Property

Gets or sets the number that represents the value of the attribute.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Property IntValue As Integer
```

C#

```
public int IntValue { get; set; }
```

C++

```
public:
property int IntValue {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_IntValue ()

/** @property */
public void set_IntValue (int value)
```

JScript

```
public function get IntValue () : int

public function set IntValue (value : int)
```

## Property Value

A number that represents the value of the attribute.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTIAtribute Class](#)

[CustomTIAtribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTlAttribute.Name Property

Gets the name of the attribute.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Name As String
```

C#

```
public string Name { get; set; }
```

C++

```
public:
property String^ Name {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Name ()

/** @property */
public void set_Name (String value)
```

JScript

```
public function get Name () : String

public function set Name (value : String)
```

## Property Value

The name of the attribute.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[CustomTlAttribute Class](#)

[CustomTlAttribute Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlAttribute.ObjectValue Property

Gets or sets the object representation of the attribute value.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
<ReadOnlyAttribute(True)> _
<BrowsableAttribute(False)> _
Public ReadOnly Property ObjectValue As Object
```

C#

```
[ReadOnlyAttribute(true)]
[BrowsableAttribute(false)]
public Object ObjectValue { get; }
```

C++

```
[ReadOnlyAttribute(true)]
[BrowsableAttribute(false)]
public:
property Object^ ObjectValue {
    Object^ get ();
}
```

J#

```
/** @property */
public Object get_ObjectValue ()
```

JScript

```
public function get ObjectValue () : Object
```

## Property Value

The object representation of the attribute value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlAttribute Class](#)

[CustomTlAttribute Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlAttribute.StringValue Property

Gets or sets the string representation of the attribute value.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StringValue As String
```

C#

```
public string StringValue { get; set; }
```

C++

```
public:
property String^ StringValue {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_StringValue ()

/** @property */
public void set_StringValue (String value)
```

JScript

```
public function get StringValue () : String

public function set StringValue (value : String)
```

## Property Value

The string representation of the attribute value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlAttribute Class](#)

[CustomTlAttribute Members](#)

[Microsoft.HostIntegration.TI Namespace](#)

# CustomTlException Class

Represents the custom Tl exceptions that occur during runtime.

**Namespace:** [Microsoft.HostIntegration.Tl](#)  
**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in Microsoft.HostIntegration.Tl.ClientContext.dll)

Inheritance Hierarchy [System.Object](#)  
[System.Exception](#)  
[System.ApplicationException](#)  
**Microsoft.HostIntegration.Tl.CustomTlException**

Syntax  
C#

```
[SerializableAttribute]  
public class CustomTlException : ApplicationException
```

C++

```
[SerializableAttribute]  
public ref class CustomTlException : ApplicationException
```








F#

```
[<SerializableAttribute>]  
type CustomTlException =  
    class  
        inherit ApplicationException  
    end
```

VB

```
<SerializableAttribute>  
Public Class CustomTlException  
    Inherits ApplicationException
```











Constructors

	Name	Description
	<a href="#">CustomTlException()</a>	Initializes a new instance of the <b>CustomTlException</b> class using default values.
	<a href="#">CustomTlException(SerializationInfo, StreamingContext)</a>	Initializes a new instance of the <b>CustomTlException</b> class with the specified exception info and context.
	<a href="#">CustomTlException(String)</a>	Initializes a new instance of the <b>CustomTlException</b> class with specified message.
	<a href="#">CustomTlException(String, Exception)</a>	Initializes a new instance of the <b>CustomTlException</b> class with the specified message and inner exception.
	<a href="#">CustomTlException(String, Int32)</a>	Initializes a new instance of the <b>CustomTlException</b> class with the specified message and result.
	<a href="#">CustomTlException(String, Int32, Boolean)</a>	Initializes a new instance of the <b>CustomTlException</b> class with the specified message and compatibility.
	<a href="#">CustomTlException(String, Int32, Boolean, Exception)</a>	Initializes a new instance of the <b>CustomTlException</b> class with the specified message and compatibility.









Properties

	Name	Description
--	------	-------------




 <a href="#">Data</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">HelpLink</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">HResult</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">InnerException</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">Message</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">Source</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">StackTrace</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">TargetSite</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">TIExceptionMsgId</a>	Gets or sets the exception message identifier for the <b>CustomTIException</b> class.
 <a href="#">UserErrorCode</a>	Gets or sets the user error code for the <b>CustomTIException</b> class.

#### Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetBaseException()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetObjectData(SerializationInfo, StreamingContext)</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Exception</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Exception</a> .)

#### Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(Inherited from <a href="#">Exception</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[Microsoft.HostIntegration.TI Namespace](#)

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# CustomTlException Members

Represents the custom Tl exceptions that occur during runtime.

The following tables list the members exposed by the [CustomTlException](#) type.

Public Constructors (see also [Protected Constructors](#))

Name	Description
<a href="#">CustomTlException</a>	Overloaded. Initializes a new instance of the <a href="#">CustomTlException</a> class.










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Protected Constructors

Name	Description
<a href="#">CustomTlException</a>	Overloaded.


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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">TlExceptionMsgId</a>	Gets or sets the exception message identifier for the <b>CustomTlException</b> class.
 <a href="#">UserErrorCode</a>	Gets or sets the user error code for the <b>CustomTlException</b> class.








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Protected Properties

Name	Description
 <a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )



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Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )


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Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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Protected Events

Name	Description
 <a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

[Top](#)

See Also

**Reference**

[CustomTlException Class](#)







[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Constructor

Initializes a new instance of the [CustomTlException](#) class.

**Namespace:** [Microsoft.HostIntegration.Tl](#)  
**Assembly:** [Microsoft.HostIntegration.Tl.ClientContext](#) (in [Microsoft.HostIntegration.Tl.ClientContext.dll](#))

## Overload List

Name	Description
 <a href="#">CustomTlException()</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class using default values.
 <a href="#">CustomTlException(SerializationInfo, StreamingContext)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with the specified exception info and context.
 <a href="#">CustomTlException(String)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with specified message.
 <a href="#">CustomTlException(String, Exception)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with the specified message and inner exception.
 <a href="#">CustomTlException(String, Int32)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with the specified message and result.
 <a href="#">CustomTlException(String, Int32, Boolean)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with the specified message and compatibility.
 <a href="#">CustomTlException(String, Int32, Boolean, Exception)</a>	Initializes a new instance of the <a href="#">CustomTlException</a> class with the specified message and compatibility.

See Also  
[CustomTlException Class](#)  
[Microsoft.HostIntegration.Tl Namespace](#)

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**CustomTlException Constructor ()**  
Initializes a new instance of the [CustomTlException](#) class using default values.

Syntax  
C#

```
public CustomTlException()
```

C++

```
public:  
CustomTlException()
```

F#

```
new : unit -> CustomTlException
```

VB

```
Public Sub New
```

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**CustomTlException Constructor (SerializationInfo, StreamingContext)**  
Initializes a new instance of the [CustomTlException](#) class with the specified exception info and context.

Syntax  
C#

```
protected CustomTIEException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

C++

```
protected:  
CustomTIEException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

F#

```
new :  
    info:SerializationInfo *  
    context:StreamingContext -> CustomTIEException
```

VB

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

#### Parameters

*info*

Type: [System.Runtime.Serialization.SerializationInfo](#)

The details of exception.

*context*

Type: [System.Runtime.Serialization.StreamingContext](#)

The context of exception.

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#### CustomTIEException Constructor (String)

Initializes a new instance of the [CustomTIEException](#) class with specified message.

Syntax

C#

```
public CustomTIEException(  
    string message  
)
```

C++

```
public:  
CustomTIEException(  
    String^ message  
)
```

F#

```
new :  
    message:string -> CustomTIEException
```

VB

```
Public Sub New (  
    message As String  
)
```

## Parameters

*message*

Type: [System.String](#)

The message for the exception.

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## CustomTException Constructor (String, Exception)

Initializes a new instance of the [CustomTException](#) class with the specified message and inner exception.

Syntax

C#

```
public CustomTException(  
    string message,  
    Exception inner  
)
```

C++

```
public:  
CustomTException(  
    String^ message,  
    Exception^ inner  
)
```

F#

```
new :  
    message:string *  
    inner:Exception -> CustomTException
```

VB

```
Public Sub New (  
    message As String,  
    inner As Exception  
)
```

## Parameters

*message*

Type: [System.String](#)

The exception message shown.

*inner*

Type: [System.Exception](#)

The exception instance that caused the current exception.

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## CustomTException Constructor (String, Int32)

Initializes a new instance of the [CustomTException](#) class with the specified message and result.

Syntax

C#

```
public CustomTException(  
    string message,  
    int result  
)
```

C++

```
public:  
CustomTException(  
    String^ message,  
    int result  
)
```

F#

```
new :  
    message:string *  
    result:int -> CustomTException
```

VB

```
Public Sub New (  
    message As String,  
    result As Integer  
)
```

#### Parameters

*message*

Type: [System.String](#)

The exception message shown.

*result*

Type: [System.Int32](#)

A specified number that represents the result.

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#### CustomTException Constructor (String, Int32, Boolean)

Initializes a new instance of the [CustomTException](#) class with the specified message and compatibility.

Syntax

C#

```
public CustomTException(  
    string message,  
    int compatibleErrorCode,  
    bool makeCompatible  
)
```

C++

```
public:  
CustomTException(  
    String^ message,  
    int compatibleErrorCode,  
    bool makeCompatible  
)
```

F#

```
new :  
    message:string *  
    compatibleErrorCode:int *  
    makeCompatible:bool -> CustomTException
```

VB

```
Public Sub New (  
    message As String,  
    compatibleErrorCode As Integer,  
    makeCompatible As Boolean  
)
```

#### Parameters

*message*

Type: [System.String](#)

The exception message shown.

*compatibleErrorCode*

Type: [System.Int32](#)

The error code of the last parse error.

*makeCompatible*

Type: [System.Boolean](#)

The exception that is compatible with the object.

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### **CustomTIException Constructor (String, Int32, Boolean, Exception)**

Initializes a new instance of the [CustomTIException](#) class with the specified message and compatibility.

Syntax

C#

```
public CustomTIException(  
    string message,  
    int compatibleErrorCode,  
    bool makeCompatible,  
    Exception inner  
)
```

C++

```
public:  
CustomTIException(  
    String^ message,  
    int compatibleErrorCode,  
    bool makeCompatible,  
    Exception^ inner  
)
```

F#

```
new :  
    message:string *  
    compatibleErrorCode:int *  
    makeCompatible:bool *  
    inner:Exception -> CustomTIException
```

VB

```
Public Sub New (  
    message As String,  
    compatibleErrorCode As Integer,  
    makeCompatible As Boolean,  
    inner As Exception  
)
```

### **Parameters**

*message*

Type: [System.String](#)

The exception message shown.

*compatibleErrorCode*

Type: [System.Int32](#)

The error code of the last parse error.

*makeCompatible*

Type: [System.Boolean](#)

The exception that is compatible with the object.

*inner*

Type: [System.Exception](#)

The exception instance that caused the current exception.





# CustomTlException Constructor ()

Initializes a new instance of the [CustomTlException](#) class using default values.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public CustomTlException ()
```

C++

```
public:  
CustomTlException ()
```

J#

```
public CustomTlException ()
```

JScript

```
public function CustomTlException ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Constructor (String)

Initializes a new instance of the [CustomTlException](#) class with specified message.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String _
)
```

C#

```
public CustomTlException (
    string message
)
```

C++

```
public:
    CustomTlException (
        String^ message
    )
```

J#

```
public CustomTlException (
    String message
)
```

JScript

```
public function CustomTlException (
    message : String
)
```

## Parameters

message

The message for the exception.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Constructor (SerializationInfo, StreamingContext)

Initializes a new instance of the [CustomTlException](#) class with the specified exception info and context.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub New ( _
    info As SerializationInfo, _
    context As StreamingContext _
)
```

C#

```
protected CustomTlException (
    SerializationInfo info,
    StreamingContext context
)
```

C++

```
protected:
CustomTlException (
    SerializationInfo^ info,
    StreamingContext context
)
```

J#

```
protected CustomTlException (
    SerializationInfo info,
    StreamingContext context
)
```

JScript

```
protected function CustomTlException (
    info : SerializationInfo,
    context : StreamingContext
)
```

## Parameters

info

The details of exception.

context

The context of exception.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlException Class](#)

[CustomTlException Members](#)



# CustomTlException Constructor (String, Exception)

Initializes a new instance of the [CustomTlException](#) class with the specified message and inner exception.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String, _
    inner As Exception _
)
```

C#

```
public CustomTlException (
    string message,
    Exception inner
)
```

C++

```
public:
CustomTlException (
    String^ message,
    Exception^ inner
)
```

J#

```
public CustomTlException (
    String message,
    Exception inner
)
```

JScript

```
public function CustomTlException (
    message : String,
    inner : Exception
)
```

## Parameters

message

The exception message shown.

inner

The exception instance that caused the current exception.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Constructor (String, Int32)

Initializes a new instance of the [CustomTlException](#) class with the specified message and result.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String, _
    result As Integer _
)
```

C#

```
public CustomTlException (
    string message,
    int result
)
```

C++

```
public:
CustomTlException (
    String^ message,
    int result
)
```

J#

```
public CustomTlException (
    String message,
    int result
)
```

JScript

```
public function CustomTlException (
    message : String,
    result : int
)
```

## Parameters

message

The exception message shown.

result

A specified number that represents the result.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTIException Constructor (String, Int32, Boolean)

Initializes a new instance of the [CustomTIException](#) class with the specified message and compatibility.

**Namespace:** Microsoft.HostIntegration.TI

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in microsoft.hostintegration.ti.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String, _
    compatibleErrorCode As Integer, _
    makeCompatible As Boolean _
)
```

C#

```
public CustomTIException (
    string message,
    int compatibleErrorCode,
    bool makeCompatible
)
```

C++

```
public:
CustomTIException (
    String^ message,
    int compatibleErrorCode,
    bool makeCompatible
)
```

J#

```
public CustomTIException (
    String message,
    int compatibleErrorCode,
    boolean makeCompatible
)
```

JScript

```
public function CustomTIException (
    message : String,
    compatibleErrorCode : int,
    makeCompatible : boolean
)
```

## Parameters

message

The exception message shown.

compatibleErrorCode

The error code of the last parse error.

makeCompatible

The exception that is compatible with the object.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[CustomTException Class](#)

[CustomTException Members](#)

[Microsoft.HostIntegration.TI Namespace](#)



# CustomTlException Constructor (String, Int32, Boolean, Exception)

Initializes a new instance of the [CustomTlException](#) class with the specified message and compatibility.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    message As String, _
    compatibleErrorCode As Integer, _
    makeCompatible As Boolean, _
    inner As Exception _
)
```

C#

```
public CustomTlException (
    string message,
    int compatibleErrorCode,
    bool makeCompatible,
    Exception inner
)
```

C++

```
public:
CustomTlException (
    String^ message,
    int compatibleErrorCode,
    bool makeCompatible,
    Exception^ inner
)
```

J#

```
public CustomTlException (
    String message,
    int compatibleErrorCode,
    boolean makeCompatible,
    Exception inner
)
```

JScript

```
public function CustomTlException (
    message : String,
    compatibleErrorCode : int,
    makeCompatible : boolean,
    inner : Exception
)
```

## Parameters

message

The exception message shown.

compatibleErrorCode

The error code of the last parse error.

makeCompatible

The exception that is compatible with the object.

inner

The exception instance that caused the current exception.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**









[CustomTIException Class](#)

[CustomTIException Members](#)



[Microsoft.HostIntegration.TI Namespace](#)

# CustomTlException Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )










See Also

**Reference**

- [CustomTlException Class](#)
- [Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TlExceptionMsgId</a>	Gets or sets the exception message identifier for the <a href="#">CustomTlException</a> class.
	<a href="#">UserErrorCode</a>	Gets or sets the user error code for the <b>CustomTlException</b> class.

Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )

See Also

**Reference**

[CustomTlException Class](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException.TlExceptionMsgId Property

Gets or sets the exception message identifier for the [CustomTlException](#) class.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TlExceptionMsgId As String
```

C#

```
public string TlExceptionMsgId { get; set; }
```

C++

```
public:
property String^ TlExceptionMsgId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TlExceptionMsgId ()

/** @property */
public void set_TlExceptionMsgId (String value)
```

JScript

```
public function get TlExceptionMsgId () : String

public function set TlExceptionMsgId (value : String)
```

## Property Value

The exception message id for the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException.UserErrorCode Property

Gets or sets the user error code for the [CustomTlException](#) class.

**Namespace:** Microsoft.HostIntegration.Tl

**Assembly:** Microsoft.HostIntegration.Tl.ClientContext (in microsoft.hostintegration.tl.clientcontext.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UserErrorCode As Integer
```

C#

```
public int UserErrorCode { get; set; }
```

C++

```
public:
property int UserErrorCode {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_UserErrorCode ()

/** @property */
public void set_UserErrorCode (int value)
```

JScript

```
public function get UserErrorCode () : int

public function set UserErrorCode (value : int)
```

## Property Value

The user error code for the specified class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[CustomTlException Class](#)

[CustomTlException Members](#)

[Microsoft.HostIntegration.Tl Namespace](#)

# CustomTlException Events

Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

See Also

Reference

- [CustomTlException Class](#)
- [Microsoft.HostIntegration.Tl Namespace](#)

# SupportedKeys Enumeration

Displays all the supported keys of the [Microsoft.HostIntegration.TI](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
[FlagsAttribute]
public enum SupportedKeys
```

C++

```
[FlagsAttribute]
public enum class SupportedKeys
```

F#

```
[<FlagsAttribute>]
type SupportedKeys
```

VB

```
<FlagsAttribute>
Public Enumeration SupportedKeys
```

Members

Member name	Description
<b>AllDefinedKeys</b>	Defines all the supported keys.
<b>AllDefinedKeysExceptTRMAndELM</b>	Defines all the supported keys except the TRM and ELM keys.
<b>AllowCustomTRMAndELM</b>	Allows a customized TRM and ELM settings.
<b>ConnectionTimeout</b>	The time to wait while trying to establish a connection before terminating the attempt and generating an error.
<b>ConnectionType</b>	The type of connection to be used.
<b>IMSClientId</b>	The information management systems client id.
<b>IMSLTerm</b>	The information management systems logical terminal object.
<b>IMSModName</b>	The name of the returned MOD Name assigned by the executed IMS transaction.
<b>LibraryName</b>	The name of the library that the supported key belongs to.
<b>MsTiAdapterAdvanced</b>	The advanced settings of the Adapter.
<b>MsTiAdapterDefault</b>	The default adapter settings.
<b>MsTiAdapterSecurity</b>	The secured adapter.
<b>OtmaSystemId</b>	The system identification.
<b>Password</b>	The password to be used.
<b>PersistentConnections</b>	A connection state that is persistent.



<b>Port</b>	The TCP/IP port number that the Transaction Integrator runtime will use.
<b>ProgramName</b>	The value of the program name associated with the supported keys.
<b>ReceiveTimeout</b>	The number of seconds that the Transaction Integrator runtime will wait for a response from the host.
<b>RemoteEnvironment</b>	The specified remote environment that lies within the <b>SupportedKeys</b> class.
<b>Security</b>	The security settings for the supported keys.
<b>SendTimeout</b>	The number of seconds that the Transaction Integrator runtime will wait for completion of a send operation to the host.
<b>SourceTransactionProgram</b>	The source where the transaction program is processed.
<b>TransactionProgramName</b>	The name of the transaction program being processed.
<b>UserId</b>	The user identification of the supported keys.

See Also

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions Structure

Represents the Tracing Category Options.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct TracingCategoryOptions
```

C++

```
public value struct TracingCategoryOptions
```





F#

```
[<Sealed>]  
type TracingCategoryOptions = struct end
```


VB

```
Public Structure TracingCategoryOptions
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

Fields

	Name	Description
	<a href="#">AllCategoriesAllOptions</a>	Defines all categories and options used in the <b>TracingCategoryOptions</b> object.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.TI Namespace](#)


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# TracingCategoryOptions Members

Represents the Tracing Category Options.







The following tables list the members exposed by the [TracingCategoryOptions](#) type.

Public Fields

	Name	Description
	<a href="#">AllCategoriesAllOptions</a>	Defines all categories and options used in the <a href="#">TracingCategoryOptions</a> object.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also


Reference

[TracingCategoryOptions Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions Fields

Public Fields

	Name	Description
	<a href="#">AllCategoriesAllOptions</a>	Defines all categories and options used in the <a href="#">TracingCategoryOptions</a> object.

See Also

**Reference**

- [TracingCategoryOptions Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.AllCategoriesAllOptions Field

Defines all categories and options used in the [TracingCategoryOptions](#) object.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllCategoriesAllOptions
```

C++

```
public:  
static long long AllCategoriesAllOptions
```

F#

```
static val mutable AllCategoriesAllOptions : int64
```

VB

```
Public Shared AllCategoriesAllOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also







[TracingCategoryOptions Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)




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# TracingCategoryOptions Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [TracingCategoryOptions Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.ConversionCategories Structure

Represents a tracing category conversion options.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct ConversionCategories
```

C++

```
public value struct ConversionCategories
```





F#

```
[<Sealed>]  
type ConversionCategories = struct end
```






VB

```
Public Structure ConversionCategories
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

Fields

	Name	Description
	<a href="#">AggregateDetails</a>	The aggregate details conversion category.
	<a href="#">AggregateEntryExit</a>	The aggregate entrance and exit conversion category.
	<a href="#">AggregateExtendedError</a>	The aggregated extended error conversion category.
	<a href="#">AllConversionOptions</a>	An all conversion options category.
	<a href="#">PrimitiveEntryExit</a>	A primitive entrance and exit conversion category.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[Microsoft.HostIntegration.TI Namespace](#)











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# TracingCategoryOptions.ConversionCategories Members

Represents a tracing category conversion options.







The following tables list the members exposed by the [TracingCategoryOptions.ConversionCategories](#) type.

Public Fields

	Name	Description
 	<a href="#">AggregateDetails</a>	The aggregate details conversion category.
 	<a href="#">AggregateEntryExit</a>	The aggregate entrance and exit conversion category.
 	<a href="#">AggregateExtendedError</a>	The aggregated extended error conversion category.
 	<a href="#">AllConversionOptions</a>	An all conversion options category.
 	<a href="#">PrimitiveEntryExit</a>	A primitive entrance and exit conversion category.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

Reference











[TracingCategoryOptions.ConversionCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace



# TracingCategoryOptions.ConversionCategories Fields

Public Fields

	Name	Description
 	<a href="#">AggregateDetails</a>	The aggregate details conversion category.
 	<a href="#">AggregateEntryExit</a>	The aggregate entrance and exit conversion category.
 	<a href="#">AggregateExtendedError</a>	The aggregated extended error conversion category.
 	<a href="#">AllConversionOptions</a>	An all conversion options category.
 	<a href="#">PrimitiveEntryExit</a>	A primitive entrance and exit conversion category.

See Also

**Reference**

[TracingCategoryOptions.ConversionCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.ConversionCategories.AggregateDetails Field

The aggregate details conversion category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AggregateDetails
```

C++

```
public:  
static long long AggregateDetails
```

F#

```
static val mutable AggregateDetails : int64
```

VB

```
Public Shared AggregateDetails As Long
```

## Field Value

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ConversionCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ConversionCategories.AggregateEntryExit Field

The aggregate entrance and exit conversion category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AggregateEntryExit
```

C++

```
public:  
static long long AggregateEntryExit
```

F#

```
static val mutable AggregateEntryExit : int64
```

VB

```
Public Shared AggregateEntryExit As Long
```

## Field Value

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ConversionCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ConversionCategories.AggregateExtendedError Field

The aggregated extended error conversion category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AggregateExtendedError
```

C++

```
public:  
static long long AggregateExtendedError
```

F#

```
static val mutable AggregateExtendedError : int64
```

VB

```
Public Shared AggregateExtendedError As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ConversionCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace

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# TracingCategoryOptions.ConversionCategories.AllConversionOptions Field

An all conversion options category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllConversionOptions
```

C++

```
public:  
static long long AllConversionOptions
```

F#

```
static val mutable AllConversionOptions : int64
```

VB

```
Public Shared AllConversionOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ConversionCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ConversionCategories.PrimitiveEntryExit Field

A primitive entrance and exit conversion category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long PrimitiveEntryExit
```

C++

```
public:  
static long long PrimitiveEntryExit
```

F#

```
static val mutable PrimitiveEntryExit : int64
```

VB

```
Public Shared PrimitiveEntryExit As Long
```

**Field Value**

Type: [System.Int64](#)

See Also







[TracingCategoryOptions.ConversionCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)




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# TracingCategoryOptions.ConversionCategories Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

[TracingCategoryOptions.ConversionCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace

# TracingCategoryOptions.GeneralCategories Structure

Represents the general categories for the [TracingCategoryOptions](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct GeneralCategories
```

C++

```
public value struct GeneralCategories
```





F#

```
[<Sealed>]  
type GeneralCategories = struct end
```






VB

```
Public Structure GeneralCategories
```

## Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

## Fields

	Name	Description
	<a href="#">AllGeneralOptions</a>	An all general options category.
	<a href="#">BufferManagement</a>	The buffer management general category.
	<a href="#">EventLogging</a>	The event logging general category.
	<a href="#">InternalMethodEntryExit</a>	An internal method entrance and exit general category.
	<a href="#">StartupShutdown</a>	The startup shutdown general category.

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[Microsoft.HostIntegration.TI Namespace](#)

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






# TracingCategoryOptions.GeneralCategories Members

Represents the general categories for the [TracingCategoryOptions](#) class.







The following tables list the members exposed by the [TracingCategoryOptions.GeneralCategories](#) type.

Public Fields

	Name	Description
 	<a href="#">AllGeneralOptions</a>	An all general options category.
 	<a href="#">BufferManagement</a>	The buffer management general category.
 	<a href="#">EventLogging</a>	The event logging general category.
 	<a href="#">InternalMethodEntryExit</a>	An internal method entrance and exit general category.
 	<a href="#">StartupShutdown</a>	The startup shutdown general category.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also











Reference

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.GeneralCategories Fields

Public Fields

	Name	Description
 	<a href="#">AllGeneralOptions</a>	An all general options category.
 	<a href="#">BufferManagement</a>	The buffer management general category.
 	<a href="#">EventLogging</a>	The event logging general category.
 	<a href="#">InternalMethodEntryExit</a>	An internal method entrance and exit general category.
 	<a href="#">StartupShutdown</a>	The startup shutdown general category.

See Also

Reference

- [TracingCategoryOptions.GeneralCategories Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.GeneralCategories.AllGeneralOptions Field

An all general options category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllGeneralOptions
```

C++

```
public:  
static long long AllGeneralOptions
```

F#

```
static val mutable AllGeneralOptions : int64
```

VB

```
Public Shared AllGeneralOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# TracingCategoryOptions.GeneralCategories.BufferManagement Field

The buffer management general category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long BufferManagement
```

C++

```
public:  
static long long BufferManagement
```

F#

```
static val mutable BufferManagement : int64
```

VB

```
Public Shared BufferManagement As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.GeneralCategories.EventLogging Field

The event logging general category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long EventLogging
```

C++

```
public:  
static long long EventLogging
```

F#

```
static val mutable EventLogging : int64
```

VB

```
Public Shared EventLogging As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.GeneralCategories.InternalMethodEntryExit Field

An internal method entrance and exit general category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long InternalMethodEntryExit
```

C++

```
public:  
static long long InternalMethodEntryExit
```

F#

```
static val mutable InternalMethodEntryExit : int64
```

VB

```
Public Shared InternalMethodEntryExit As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.GeneralCategories.StartupShutdown Field

The startup shutdown general category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long StartupShutdown
```

C++

```
public:  
static long long StartupShutdown
```

F#

```
static val mutable StartupShutdown : int64
```

VB

```
Public Shared StartupShutdown As Long
```

**Field Value**

Type: [System.Int64](#)

See Also







[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)




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# TracingCategoryOptions.GeneralCategories Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

[TracingCategoryOptions.GeneralCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)



# TracingCategoryOptions.LibraryReaderCategories Structure

Represents a Library Reader Categories for the [TracingCategoryOptions](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct LibraryReaderCategories
```

C++

```
public value struct LibraryReaderCategories
```





F#

```
[<Sealed>]  
type LibraryReaderCategories = struct end
```




VB

```
Public Structure LibraryReaderCategories
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

Fields

	Name	Description
	<a href="#">AllLibraryReaderOptions</a>	An all library reader options category.
	<a href="#">Details</a>	The details library reader category.
	<a href="#">EntryExit</a>	The EntryExit library reader category.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also  
[Microsoft.HostIntegration.TI Namespace](#)




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# TracingCategoryOptions.LibraryReaderCategories Members

Represents a Library Reader Categories for the [TracingCategoryOptions](#) class.






The following tables list the members exposed by the [TracingCategoryOptions.LibraryReaderCategories](#) type.

Public Fields

	Name	Description
	<a href="#">AllLibraryReaderOptions</a>	An all library reader options category.
	<a href="#">Details</a>	The details library reader category.
	<a href="#">EntryExit</a>	The EntryExit library reader category.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

Reference

- [TracingCategoryOptions.LibraryReaderCategories Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.LibraryReaderCategories Fields

Public Fields

	Name	Description
 	<a href="#">AllLibraryReaderOptions</a>	An all library reader options category.
 	<a href="#">Details</a>	The details library reader category.
 	<a href="#">EntryExit</a>	The EntryExit library reader category.

See Also

Reference

[TracingCategoryOptions.LibraryReaderCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.LibraryReaderCategories.AllLibraryReaderOptions Field

An all library reader options category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllLibraryReaderOptions
```

C++

```
public:  
static long long AllLibraryReaderOptions
```

F#

```
static val mutable AllLibraryReaderOptions : int64
```

VB

```
Public Shared AllLibraryReaderOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.LibraryReaderCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace

[Return to top](#)

# TracingCategoryOptions.LibraryReaderCategories.Details Field

The details library reader category.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public static long Details
```

C++

```
public:  
static long long Details
```

F#

```
static val mutable Details : int64
```

VB

```
Public Shared Details As Long
```

**Field Value**  
Type: [System.Int64](#)  
See Also  
[TracingCategoryOptions.LibraryReaderCategories Structure](#)  
[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.LibraryReaderCategories.EntryExit Field

The EntryExit library reader category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long EntryExit
```

C++

```
public:  
static long long EntryExit
```

F#

```
static val mutable EntryExit : int64
```

VB

```
Public Shared EntryExit As Long
```

**Field Value**

Type: [System.Int64](#)

See Also







[TracingCategoryOptions.LibraryReaderCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)




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# TracingCategoryOptions.LibraryReaderCategories Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

[TracingCategoryOptions.LibraryReaderCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.ProxyCategories Structure

Represents a proxy categories for the [TracingCategoryOptions](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct ProxyCategories
```

C++

```
public value struct ProxyCategories
```





F#

```
[<Sealed>]  
type ProxyCategories = struct end
```







VB

```
Public Structure ProxyCategories
```

## Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

## Fields

	Name	Description
	<a href="#">AllProxyOptions</a>	An all proxy options category.
	<a href="#">ObjectCreateDestroy</a>	An ObjectCreateDestroy proxy category.
	<a href="#">StateMachineTerse</a>	The StateMachineTerse proxy category.
	<a href="#">StateMachineVerbose</a>	The StateMachineVerbose proxy category.
	<a href="#">TransactionalWork</a>	The transactional work proxy category.
	<a href="#">UserMethodInvocationEntryExit</a>	The UserMethodInvocationEntryExit proxy category.

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[Microsoft.HostIntegration.TI Namespace](#)  
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










# TracingCategoryOptions.ProxyCategories Members

Represents a proxy categories for the [TracingCategoryOptions](#) class.







The following tables list the members exposed by the [TracingCategoryOptions.ProxyCategories](#) type.

Public Fields

	Name	Description
 	<a href="#">AllProxyOptions</a>	An all proxy options category.
 	<a href="#">ObjectCreateDestroy</a>	An ObjectCreateDestroy proxy category.
 	<a href="#">StateMachineTerse</a>	The StateMachineTerse proxy category.
 	<a href="#">StateMachineVerbose</a>	The StateMachineVerbose proxy category.
 	<a href="#">TransactionalWork</a>	The transactional work proxy category.
 	<a href="#">UserMethodInvocationEntryExit</a>	The UserMethodInvocationEntryExit proxy category.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also













Reference

[TracingCategoryOptions.ProxyCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace

# TracingCategoryOptions.ProxyCategories Fields

Public Fields

	Name	Description
 	<a href="#">AllProxyOptions</a>	An all proxy options category.
 	<a href="#">ObjectCreateDestroy</a>	An ObjectCreateDestroy proxy category.
 	<a href="#">StateMachineTerse</a>	The StateMachineTerse proxy category.
 	<a href="#">StateMachineVerbose</a>	The StateMachineVerbose proxy category.
 	<a href="#">TransactionalWork</a>	The transactional work proxy category.
 	<a href="#">UserMethodInvocationEntryExit</a>	The UserMethodInvocationEntryExit proxy category.

See Also

**Reference**

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.ProxyCategories.AllProxyOptions Field

An all proxy options category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllProxyOptions
```

C++

```
public:  
static long long AllProxyOptions
```

F#

```
static val mutable AllProxyOptions : int64
```

VB

```
Public Shared AllProxyOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ProxyCategories.ObjectCreateDestroy Field

An ObjectCreateDestroy proxy category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long ObjectCreateDestroy
```

C++

```
public:  
static long long ObjectCreateDestroy
```

F#

```
static val mutable ObjectCreateDestroy : int64
```

VB

```
Public Shared ObjectCreateDestroy As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ProxyCategories.StateMachineTerseField

The StateMachineTerse proxy category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long StateMachineTerse
```

C++

```
public:  
static long long StateMachineTerse
```

F#

```
static val mutable StateMachineTerse : int64
```

VB

```
Public Shared StateMachineTerse As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# TracingCategoryOptions.ProxyCategories.StateMachineVerboseField

The StateMachineVerbose proxy category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long StateMachineVerbose
```

C++

```
public:  
static long long StateMachineVerbose
```

F#

```
static val mutable StateMachineVerbose : int64
```

VB

```
Public Shared StateMachineVerbose As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ProxyCategories.TransactionalWorkField

The transactional work proxy category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long TransactionalWork
```

C++

```
public:  
static long long TransactionalWork
```

F#

```
static val mutable TransactionalWork : int64
```

VB

```
Public Shared TransactionalWork As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ProxyCategories.UserMethodInvocationEntryExit Field

The UserMethodInvocationEntryExit proxy category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long UserMethodInvocationEntryExit
```

C++

```
public:  
static long long UserMethodInvocationEntryExit
```

F#

```
static val mutable UserMethodInvocationEntryExit : int64
```

VB

```
Public Shared UserMethodInvocationEntryExit As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.ProxyCategories Structure](#)







[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.ProxyCategories Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [TracingCategoryOptions.ProxyCategories Structure](#)
- [Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.TransportCategories Structure

Represents a transport categories for the [TracingCategoryOptions](#) class.

**Namespace:** [Microsoft.HostIntegration.TI](#)  
**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax  
C#

```
public struct TransportCategories
```

C++

```
public value struct TransportCategories
```





F#

```
[<Sealed>]  
type TransportCategories = struct end
```





VB

```
Public Structure TransportCategories
```

## Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ValueType</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">ValueType</a> .)

## Fields

	Name	Description
	<a href="#">AllTransportOptions</a>	An all transport options category.
	<a href="#">Details</a>	The details transport category.
	<a href="#">EntryExit</a>	The entrance and exit transport category.
	<a href="#">States</a>	The states transport category.

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[Microsoft.HostIntegration.TI Namespace](#)





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# TracingCategoryOptions.TransportCategories Members

Represents a transport categories for the [TracingCategoryOptions](#) class.






The following tables list the members exposed by the [TracingCategoryOptions.TransportCategories](#) type.

Public Fields

	Name	Description
	<a href="#">AllTransportOptions</a>	An all transport options category.
	<a href="#">Details</a>	The details transport category.
	<a href="#">EntryExit</a>	The entrance and exit transport category.
	<a href="#">States</a>	The states transport category.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also









Reference

[TracingCategoryOptions.TransportCategories](#) Structure

[Microsoft.HostIntegration.TI](#) Namespace

# TracingCategoryOptions.TransportCategories Fields

Public Fields

	Name	Description
 	<a href="#">AllTransportOptions</a>	An all transport options category.
 	<a href="#">Details</a>	The details transport category.
 	<a href="#">EntryExit</a>	The entrance and exit transport category.
 	<a href="#">States</a>	The states transport category.

See Also

Reference

[TracingCategoryOptions.TransportCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

# TracingCategoryOptions.TransportCategories.AllTransportOptions Field

An all transport options category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long AllTransportOptions
```

C++

```
public:  
static long long AllTransportOptions
```

F#

```
static val mutable AllTransportOptions : int64
```

VB

```
Public Shared AllTransportOptions As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.TransportCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

[Return to top](#)

# TracingCategoryOptions.TransportCategories.Details Field

The details transport category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long Details
```

C++

```
public:  
static long long Details
```

F#

```
static val mutable Details : int64
```

VB

```
Public Shared Details As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.TransportCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.TransportCategories.EntryExit Field

The entrance and exit transport category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long EntryExit
```

C++

```
public:  
static long long EntryExit
```

F#

```
static val mutable EntryExit : int64
```

VB

```
Public Shared EntryExit As Long
```

## Field Value

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.TransportCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.TransportCategories.States Field

The states transport category.

**Namespace:** [Microsoft.HostIntegration.TI](#)

**Assembly:** Microsoft.HostIntegration.TI.ClientContext (in Microsoft.HostIntegration.TI.ClientContext.dll)

Syntax

C#

```
public static long States
```

C++

```
public:  
static long long States
```

F#

```
static val mutable States : int64
```

VB

```
Public Shared States As Long
```

**Field Value**

Type: [System.Int64](#)

See Also

[TracingCategoryOptions.TransportCategories Structure](#)







[Microsoft.HostIntegration.TI Namespace](#)

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# TracingCategoryOptions.TransportCategories Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ValueType</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ValueType</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">ValueType</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**


[TracingCategoryOptions.TransportCategories Structure](#)

[Microsoft.HostIntegration.TI Namespace](#)






# System.ServiceModel.Channels.WebSphereMQ Namespace

A connectivity solution that enables the user to use BizTalk Server in an enterprise with WebSphere MQ as the chosen messaging standard.

## Classes

Class	Description
 <a href="#">MQTrace</a>	Exposes methods that assist in tracing.
 <a href="#">WebSphereMQBinaryBinding</a>	Provides WCF binding used to communicate with Websphere MQ using binary encoder.
 <a href="#">WebSphereMQBinaryBindingElement</a>	Represents the configuration element for the WebsphereMQBinaryBinding.
 <a href="#">WebSphereMQBinding</a>	Provides WCF binding used to communicate with Websphere MQ.
 <a href="#">WebSphereMQBindingElement</a>	Represents the configuration element for the WebsphereMQBinding.
 <a href="#">WebSphereMQChannelConfigurationStrings</a>	Represents the configuration strings used in the server.
 <a href="#">WebSphereMQException</a>	Represents a class that wraps runtime WebsphereMQ binding and transport relation exceptions.
 <a href="#">WebSphereMQHeaderProvider</a>	Implements methods that assist in loading extensible headers from the configuration files. The header description in the configuration file must be in a fully qualified format.
 <a href="#">WebSphereMQRequestReplyBinaryBinding</a>	
 <a href="#">WebSphereMQRequestReplyBinaryBindingElement</a>	
 <a href="#">WebSphereMQRequestReplyBinding</a>	
 <a href="#">WebSphereMQRequestReplyBindingElement</a>	
 <a href="#">WebSphereMQRequestReplyTransportBindingElement</a>	
 <a href="#">WebSphereMQTransportBindingElement</a>	Represents the WebsphereMQ transport layer in the WebsphereMQ binding channel stack.
 <a href="#">WebSphereMQTransportElement</a>	Represents the configuration element for WebsphereMQ transport binding element.
 <a href="#">WebSphereMQUri</a>	Provides an object representation of a uniform resource identifier (URI) and easy access to the parts of the URI.

## Interfaces

Interface	Description
 <a href="#">IMQHeaderBase</a>	Defines the properties that the custom headers will implement.
 <a href="#">IMQNotifier</a>	Defines the methods that are used to notify the transaction result for the base client browse lock case.
 <a href="#">IMQTracing</a>	Exposes methods that assist in tracing.
 <a href="#">IMQTransport</a>	Defines the properties and methods that the custom transports will implement. The default Websphere MQ transport implements this interface.
 <a href="#">IPropertyBag</a>	Defines an object with a property bag in which the object can save its properties persistently.

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# IMQHeaderBase Interface

Defines the properties that the custom headers will implement.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

```
C#  
  
public interface IMQHeaderBase
```

C++

```
public interface class IMQHeaderBase
```



F#

```
type IMQHeaderBase = interface end
```

VB

```
Public Interface IMQHeaderBase
```

Properties

	Name	Description
	<a href="#">FormatStringForThisHeader</a>	Gets the format string for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Gets the format string of the next header.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



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# IMQHeaderBase Members

Defines the properties that the custom headers will implement.

The following tables list the members exposed by the [IMQHeaderBase](#) type.

Public Properties

	Name	Description
	<a href="#">FormatStringForThisHeader</a>	Gets the format string for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Gets the format string of the next header.

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See Also



Reference

[IMQHeaderBase Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQHeaderBase Properties

## Public Properties

	Name	Description
	<a href="#">FormatStringForThisHeader</a>	Gets the format string for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Gets the format string of the next header.

See Also

## Reference

[IMQHeaderBase Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQHeaderBase.FormatStringForThisHeader Property

Gets the format string for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property FormatStringForThisHeader As String
```

C#

```
string FormatStringForThisHeader { get; }
```

C++

```
property String^ FormatStringForThisHeader {  
    String^ get ();  
}
```

J#

```
/** @property */  
String get_FormatStringForThisHeader ()
```

JScript

```
function get FormatStringForThisHeader () : String
```

## Property Value

The format string for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQHeaderBase Interface](#)

[IMQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQHeaderBase.FormatStringOfNextHeader Property

Gets the format string of the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
ReadOnly Property FormatStringOfNextHeader As String
```

C#

```
string FormatStringOfNextHeader { get; }
```

C++

```
property String^ FormatStringOfNextHeader {  
    String^ get ();  
}
```

J#

```
/** @property */  
String get_FormatStringOfNextHeader ()
```

JScript

```
function get FormatStringOfNextHeader () : String
```

## Property Value

The format string of the next header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQHeaderBase Interface](#)

[IMQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier Interface

Defines the methods that are used to notify the transaction result for the base client browse lock case.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax  
C#

```
public interface IMQNotifier
```

C++

```
public interface class IMQNotifier
```






F#

```
type IMQNotifier = interface end
```

VB

```
Public Interface IMQNotifier
```

## Methods

	Name	Description
	<a href="#">Cleanup()</a>	Removes any stored information in the <b>IMQNotifier</b> object.
	<a href="#">MoveMessageToDeadLetterQueue(Int32)</a>	Moves the specified message to the dead letter queue.
	<a href="#">RemoveLockedMessageFromQueue(TimeSpan)</a>	Removes the locked message from the queue.
	<a href="#">TransactionResult(Boolean)</a>	Displays the result of the transaction for the <b>IMQNotifier</b> object.
	<a href="#">UnlockQueue(TimeSpan)</a>	Unlocks the queue of the <b>IMQNotifier</b> object.

## See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# IMQNotifier Members

Defines the methods that are used to notify the transaction result for the base client browse lock case.

The following tables list the members exposed by the [IMQNotifier](#) type.

## Public Methods

	Name	Description
	<a href="#">Cleanup</a>	Removes any stored information in the <a href="#">IMQNotifier</a> object.
	<a href="#">MoveMessageToDeadLetterQueue</a>	Moves the specified message to the dead letter queue.
	<a href="#">RemoveLockedMessageFromQueue</a>	Removes the locked message from the queue.
	<a href="#">TransactionResult</a>	Displays the result of the transaction for the <b>IMQNotifier</b> object.
	<a href="#">UnlockQueue</a>	Unlocks the queue of the <b>IMQNotifier</b> object.

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See Also






## Reference

[IMQNotifier Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier Methods

## Public Methods

	Name	Description
	<a href="#">Cleanup</a>	Removes any stored information in the <a href="#">IMQNotifier</a> object.
	<a href="#">MoveMessageToDeadLetterQueue</a>	Moves the specified message to the dead letter queue.
	<a href="#">RemoveLockedMessageFromQueue</a>	Removes the locked message from the queue.
	<a href="#">TransactionResult</a>	Displays the result of the transaction for the <b>IMQNotifier</b> object.
	<a href="#">UnlockQueue</a>	Unlocks the queue of the <b>IMQNotifier</b> object.

See Also

### Reference

[IMQNotifier Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier.Cleanup Method

Removes any stored information in the [IMQNotifier](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Sub Cleanup
```

C#

```
void Cleanup ()
```

C++

```
void Cleanup ()
```

J#

```
void Cleanup ()
```

JScript

```
function Cleanup ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IMQNotifier Interface](#)

[IMQNotifier Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier.MoveMessageToDeadLetterQueue Method

Moves the specified message to the dead letter queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub MoveMessageToDeadLetterQueue ( _
    reasonCode As Integer _
)
```

C#

```
void MoveMessageToDeadLetterQueue (
    int reasonCode
)
```

C++

```
void MoveMessageToDeadLetterQueue (
    int reasonCode
)
```

J#

```
void MoveMessageToDeadLetterQueue (
    int reasonCode
)
```

JScript

```
function MoveMessageToDeadLetterQueue (
    reasonCode : int
)
```

## Parameters

reasonCode

The code of the reason for sending the specified message to dead letter queue.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQNotifier Interface](#)

[IMQNotifier Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier.RemoveLockedMessageFromQueue Method

Removes the locked message from the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub RemoveLockedMessageFromQueue ( _
    timeout As TimeSpan _
)
```

C#

```
void RemoveLockedMessageFromQueue (
    TimeSpan timeout
)
```

C++

```
void RemoveLockedMessageFromQueue (
    TimeSpan timeout
)
```

J#

```
void RemoveLockedMessageFromQueue (
    TimeSpan timeout
)
```

JScript

```
function RemoveLockedMessageFromQueue (
    timeout : TimeSpan
)
```

## Parameters

timeout

The time interval to remove the locked message before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQNotifier Interface](#)

[IMQNotifier Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier.TransactionResult Method

Displays the result of the transaction for the [IMQNotifier](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TransactionResult ( _
    commit As Boolean _
)
```

C#

```
void TransactionResult (
    bool commit
)
```

C++

```
void TransactionResult (
    bool commit
)
```

J#

```
void TransactionResult (
    boolean commit
)
```

JScript

```
function TransactionResult (
    commit : boolean
)
```

## Parameters

commit

**true** to indicate the needs to commit; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQNotifier Interface](#)

[IMQNotifier Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQNotifier.UnlockQueue Method

Unlocks the queue of the [IMQNotifier](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub UnlockQueue ( _
    timeout As TimeSpan _
)
```

C#

```
void UnlockQueue (
    TimeSpan timeout
)
```

C++

```
void UnlockQueue (
    TimeSpan timeout
)
```

J#

```
void UnlockQueue (
    TimeSpan timeout
)
```

JScript

```
function UnlockQueue (
    timeout : TimeSpan
)
```

## Parameters

timeout

The time interval to unlock the queue before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQNotifier Interface](#)

[IMQNotifier Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing Interface

Exposes methods that assist in tracing.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public interface IMQTracing
```

C++

```
public interface class IMQTracing
```










F#

```
type IMQTracing = interface end
```

VB

```
Public Interface IMQTracing
```

Methods

	Name	Description
	<a href="#">TraceCritical(String)</a>	Determines the specified critical trace object.
	<a href="#">TraceEnter(String)</a>	Traces the object entered.
	<a href="#">TraceError(String)</a>	Writes an error message to the trace listeners using the specified message.
	<a href="#">TraceException(Exception)</a>	Traces all information for the specified exception to the log.
	<a href="#">TraceExit(String)</a>	Indicates the value of the object to exit.
	<a href="#">TraceInfo(String)</a>	Indicates the information about the tracing process.
	<a href="#">TraceObject(Object)</a>	Indicates the data object to trace.
	<a href="#">TraceVerbose(String)</a>	Indicates all the messages.
	<a href="#">TraceWarning(String)</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# IMQTracing Members

Exposes methods that assist in tracing.

The following tables list the members exposed by the [IMQTracing](#) type.

## Public Methods

	Name	Description
	<a href="#">TraceCritical</a>	Determines the specified critical trace object.
	<a href="#">TraceEnter</a>	Traces the object entered.
	<a href="#">TraceError</a>	Writes an error message to the trace listeners using the specified message.
	<a href="#">TraceException</a>	Traces all information for the specified exception to the log.
	<a href="#">TraceExit</a>	Indicates the value of the object to exit.
	<a href="#">TraceInfo</a>	Indicates the information about the tracing process.
	<a href="#">TraceObject</a>	Indicates the data object to trace.
	<a href="#">TraceVerbose</a>	Indicates all the messages.
	<a href="#">TraceWarning</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

[Top](#)

See Also










## Reference

[IMQTracing Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing Methods

## Public Methods

	Name	Description
	<a href="#">TraceCritical</a>	Determines the specified critical trace object.
	<a href="#">TraceEnter</a>	Traces the object entered.
	<a href="#">TraceError</a>	Writes an error message to the trace listeners using the specified message.
	<a href="#">TraceException</a>	Traces all information for the specified exception to the log.
	<a href="#">TraceExit</a>	Indicates the value of the object to exit.
	<a href="#">TraceInfo</a>	Indicates the information about the tracing process.
	<a href="#">TraceObject</a>	Indicates the data object to trace.
	<a href="#">TraceVerbose</a>	Indicates all the messages.
	<a href="#">TraceWarning</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

See Also

### Reference

[IMQTracing Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceCritical Method

Determines the specified critical trace object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceCritical ( _
    value As String _
)
```

C#

```
void TraceCritical (
    string value
)
```

C++

```
void TraceCritical (
    String^ value
)
```

J#

```
void TraceCritical (
    String value
)
```

JScript

```
function TraceCritical (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceEnter Method

Traces the object entered.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceEnter ( _
    value As String _
)
```

C#

```
void TraceEnter (
    string value
)
```

C++

```
void TraceEnter (
    String^ value
)
```

J#

```
void TraceEnter (
    String value
)
```

JScript

```
function TraceEnter (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceError Method

Writes an error message to the trace listeners using the specified message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceError ( _
    value As String _
)
```

C#

```
void TraceError (
    string value
)
```

C++

```
void TraceError (
    String^ value
)
```

J#

```
void TraceError (
    String value
)
```

JScript

```
function TraceError (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceException Method

Traces all information for the specified exception to the log.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceException ( _
    exception As Exception _
)
```

C#

```
void TraceException (
    Exception exception
)
```

C++

```
void TraceException (
    Exception^ exception
)
```

J#

```
void TraceException (
    Exception exception
)
```

JScript

```
function TraceException (
    exception : Exception
)
```

## Parameters

exception

The exception object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceExit Method

Indicates the value of the object to exit.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceExit ( _
    value As String _
)
```

C#

```
void TraceExit (
    string value
)
```

C++

```
void TraceExit (
    String^ value
)
```

J#

```
void TraceExit (
    String value
)
```

JScript

```
function TraceExit (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceInfo Method

Indicates the information about the tracing process.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceInfo ( _
    value As String _
)
```

C#

```
void TraceInfo (
    string value
)
```

C++

```
void TraceInfo (
    String^ value
)
```

J#

```
void TraceInfo (
    String value
)
```

JScript

```
function TraceInfo (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# IMQTracing.TraceObject Method

Indicates the data object to trace.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceObject ( _
    traceData As Object _
)
```

C#

```
void TraceObject (
    Object traceData
)
```

C++

```
void TraceObject (
    Object^ traceData
)
```

J#

```
void TraceObject (
    Object traceData
)
```

JScript

```
function TraceObject (
    traceData : Object
)
```

## Parameters

traceData

The trace data to emit.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceVerbose Method

Indicates all the messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceVerbose ( _
    value As String _
)
```

C#

```
void TraceVerbose (
    string value
)
```

C++

```
void TraceVerbose (
    String^ value
)
```

J#

```
void TraceVerbose (
    String value
)
```

JScript

```
function TraceVerbose (
    value : String
)
```

## Parameters

value

The value of the message.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTracing.TraceWarning Method

Writes a warning message to the trace listeners in the Listeners collection using the specified message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub TraceWarning ( _
    value As String _
)
```

C#

```
void TraceWarning (
    string value
)
```

C++

```
void TraceWarning (
    String^ value
)
```

J#

```
void TraceWarning (
    String value
)
```

JScript

```
function TraceWarning (
    value : String
)
```

## Parameters

value

The value of the object to trace.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTracing Interface](#)

[IMQTracing Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport Interface

Defines the properties and methods that the custom transports will implement. The default Websphere MQ transport implements this interface.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public interface IMQTransport
```

C++

```
public interface class IMQTransport
```





F#

```
type IMQTransport = interface end
```









VB

```
Public Interface IMQTransport
```

Properties

Name	Description
 <a href="#">HeaderProvider</a>	Gets or sets the object that provides the header for the <b>IMQTransport</b> object.
 <a href="#">MessageEncoder</a>	Gets or sets the message encoder associated with the channel stack.
 <a href="#">PerformanceCounters</a>	Gets or sets the performance counters that is associated with the <b>IMQTransport</b> object.
 <a href="#">PropertyBag</a>	Gets or sets the property bag that is associated with the <b>IMQTransport</b> .

Methods

Name	Description
 <a href="#">OnClose(TimeSpan)</a>	Closes down the channel stack of the <b>IMQTransport</b> object.
 <a href="#">OnOpen(TimeSpan)</a>	Opens the channel stack of the <b>IMQTransport</b> object.
 <a href="#">Send(Message, TimeSpan, Byte[])</a>	Sends the message to the queue.
 <a href="#">SendToReplyQ(Message, TimeSpan, Byte[], String, String)</a>	Sends the message to reply queue.
 <a href="#">SetBrowseLocked(Boolean)</a>	Sets the browse locked.
 <a href="#">TryReceive(TimeSpan, Message, IMQNotifier, Byte[], String, String)</a>	Tries to receive message from the queue.
 <a href="#">TryReceiveFromReplyQ(TimeSpan, Message, IMQNotifier, Byte[])</a>	Indicates to try receiving the message from the queue with the specified interval of time.
 <a href="#">WaitForMessage(TimeSpan)</a>	Indicates to wait for a message to be in the queue with the specified interval of time.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





[Return to top](#)

# IMQTransport Members

Defines the properties and methods that the custom transports will implement. The default Websphere MQ transport implements this interface.









The following tables list the members exposed by the [IMQTransport](#) type.

## Public Properties

	Name	Description
	<a href="#">HeaderProvider</a>	Gets or sets the object that provides the header for the <b>IMQTransport</b> object.
	<a href="#">MessageEncoder</a>	Gets or sets the message encoder associated with the channel stack.
	<a href="#">PerformanceCounters</a>	Gets or sets the performance counters that is associated with the <b>IMQTransport</b> object.
	<a href="#">PropertyBag</a>	Gets or sets the property bag that is associated with the <b>IMQTransport</b> .

## Top

## Public Methods

	Name	Description
	<a href="#">OnClose</a>	Closes down the channel stack of the <a href="#">IMQTransport</a> object.
	<a href="#">OnOpen</a>	Opens the channel stack of the <b>IMQTransport</b> object.
	<a href="#">Send</a>	Sends the message to the queue.
	<a href="#">SendToReplyQ</a>	Sends the message to reply queue.
	<a href="#">SetBrowseLocked</a>	Sets the browse locked.
	<a href="#">TryReceive</a>	Tries to receive message from the queue.
	<a href="#">TryReceiveFromReplyQ</a>	Indicates to try receiving the message from the queue with the specified interval of time.
	<a href="#">WaitForMessage</a>	Indicates to wait for a message to be in the queue with the specified interval of time.

## Top

See Also









## Reference

[IMQTransport Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport Methods

## Public Methods

	Name	Description
	<a href="#">OnClose</a>	Closes down the channel stack of the <a href="#">IMQTransport</a> object.
	<a href="#">OnOpen</a>	Opens the channel stack of the <b>IMQTransport</b> object.
	<a href="#">Send</a>	Sends the message to the queue.
	<a href="#">SendToReplyQ</a>	Sends the message to reply queue.
	<a href="#">SetBrowseLocked</a>	Sets the browse locked.
	<a href="#">TryReceive</a>	Tries to receive message from the queue.
	<a href="#">TryReceiveFromReplyQ</a>	Indicates to try receiving the message from the queue with the specified interval of time.
	<a href="#">WaitForMessage</a>	Indicates to wait for a message to be in the queue with the specified interval of time.

See Also

### Reference

[IMQTransport Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.OnClose Method

Closes down the channel stack of the [IMQTransport](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub OnClose ( _
    timeout As TimeSpan _
)
```

C#

```
void OnClose (
    TimeSpan timeout
)
```

C++

```
void OnClose (
    TimeSpan timeout
)
```

J#

```
void OnClose (
    TimeSpan timeout
)
```

JScript

```
function OnClose (
    timeout : TimeSpan
)
```

## Parameters

timeout

The time period that specifies how long the close operation has to complete before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.OnOpen Method

Opens the channel stack of the [IMQTransport](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub OnOpen ( _
    timeout As TimeSpan _
)
```

C#

```
void OnOpen (
    TimeSpan timeout
)
```

C++

```
void OnOpen (
    TimeSpan timeout
)
```

J#

```
void OnOpen (
    TimeSpan timeout
)
```

JScript

```
function OnOpen (
    timeout : TimeSpan
)
```

## Parameters

timeout

The time period that specifies how long the open operation has to complete before timing out.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# IMQTransport.Send Method

Sends the message to the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub Send ( _
    message As Message, _
    timeout As TimeSpan, _
    ByRef messageCorrelationId As Byte() _
)
```

C#

```
void Send (
    Message message,
    TimeSpan timeout,
    ref byte[] messageCorrelationId
)
```

C++

```
void Send (
    Message^ message,
    TimeSpan timeout,
    array<unsigned char>^% messageCorrelationId
)
```

J#

```
void Send (
    Message message,
    TimeSpan timeout,
    /** @ref */ byte[] messageCorrelationId
)
```

JScript

## Parameters

message

The message being sent to the queue.

timeout

The time period that specifies how long the send operation has to complete before timing out.

messageCorrelationId

The correlation identifier of the message sent.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.SendToReplyQ Method

Sends the message to reply queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub SendToReplyQ ( _
    message As Message, _
    timeout As TimeSpan, _
    messageCorrelationId As Byte(), _
    replyToQueueManagerName As String, _
    replyToQueueName As String _
)
```

C#

```
void SendToReplyQ (
    Message message,
    TimeSpan timeout,
    byte[] messageCorrelationId,
    string replyToQueueManagerName,
    string replyToQueueName
)
```

C++

```
void SendToReplyQ (
    Message^ message,
    TimeSpan timeout,
    array<unsigned char>^ messageCorrelationId,
    String^ replyToQueueManagerName,
    String^ replyToQueueName
)
```

J#

```
void SendToReplyQ (
    Message message,
    TimeSpan timeout,
    byte[] messageCorrelationId,
    String replyToQueueManagerName,
    String replyToQueueName
)
```

JScript

```
function SendToReplyQ (
    message : Message,
    timeout : TimeSpan,
    messageCorrelationId : byte[],
    replyToQueueManagerName : String,
    replyToQueueName : String
)
```

## Parameters

message

The message to be sent.

timeout

The timeout.

messageCorrelationId

The message correlation identifier.

replyToQueueManagerName

The queue manager name.

replyToQueueName

The queue name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.SetBrowseLocked Method

Sets the browse locked.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub SetBrowseLocked ( _
    locked As Boolean _
)
```

C#

```
void SetBrowseLocked (
    bool locked
)
```

C++

```
void SetBrowseLocked (
    bool locked
)
```

J#

```
void SetBrowseLocked (
    boolean locked
)
```

JScript

```
function SetBrowseLocked (
    locked : boolean
)
```

## Parameters

locked

**true** if the browse is locked; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.TryReceive Method

Tries to receive message from the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Function TryReceive ( _
    timeout As TimeSpan, _
    <OutAttribute> ByRef message As Message, _
    <OutAttribute> ByRef notifier As IMQNotifier, _
    <OutAttribute> ByRef messageCorrelationId As Byte(), _
    <OutAttribute> ByRef replyToQueueManager As String, _
    <OutAttribute> ByRef replyToQueue As String _
) As Boolean
```

C#

```
bool TryReceive (
    TimeSpan timeout,
    out Message message,
    out IMQNotifier notifier,
    out byte[] messageCorrelationId,
    out string replyToQueueManager,
    out string replyToQueue
)
```

C++

```
bool TryReceive (
    TimeSpan timeout,
    [OutAttribute] Message^% message,
    [OutAttribute] IMQNotifier^% notifier,
    [OutAttribute] array<unsigned char>^% messageCorrelationId,
    [OutAttribute] String^% replyToQueueManager,
    [OutAttribute] String^% replyToQueue
)
```

J#

```
boolean TryReceive (
    TimeSpan timeout,
    /** @attribute OutAttribute() */ /** @ref */ Message message,
    /** @attribute OutAttribute() */ /** @ref */ IMQNotifier notifier,
    /** @attribute OutAttribute() */ /** @ref */ byte[] messageCorrelationId,
    /** @attribute OutAttribute() */ /** @ref */ String replyToQueueManager,
    /** @attribute OutAttribute() */ /** @ref */ String replyToQueue
)
```

JScript

## Parameters

timeout

The timeout.

message

The received message.

notifier

The IMQ notifier.

messageCorrelationId

The message correlation identifier.

replyToQueueManager

The queue manager.

replyToQueue

The queue.

#### **Return Value**

**True** if the receive was successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.TryReceiveFromReplyQ Method

Indicates to try receiving the message from the queue with the specified interval of time.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Function TryReceiveFromReplyQ ( _
    timeout As TimeSpan, _
    <OutAttribute> ByRef message As Message, _
    <OutAttribute> ByRef notifier As IMQNotifier, _
    <OutAttribute> ByRef messageCorrelationId As Byte() _
) As Boolean
```

C#

```
bool TryReceiveFromReplyQ (
    TimeSpan timeout,
    out Message message,
    out IMQNotifier notifier,
    out byte[] messageCorrelationId
)
```

C++

```
bool TryReceiveFromReplyQ (
    TimeSpan timeout,
    [OutAttribute] Message^% message,
    [OutAttribute] IMQNotifier^% notifier,
    [OutAttribute] array<unsigned char>^% messageCorrelationId
)
```

J#

```
boolean TryReceiveFromReplyQ (
    TimeSpan timeout,
    /** @attribute OutAttribute() */ /** @ref */ Message message,
    /** @attribute OutAttribute() */ /** @ref */ IMQNotifier notifier,
    /** @attribute OutAttribute() */ /** @ref */ byte[] messageCorrelationId
)
```

JScript

## Parameters

timeout

The interval of time to try receiving the message before timing out.

message

The received message.

notifier

The notifier used in each process.

messageCorrelationId

The correlation identifier of the message.



## Return Value

**true** if the receiving of message was successful; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.WaitForMessage Method

Indicates to wait for a message to be in the queue with the specified interval of time.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Function WaitForMessage ( _
    timeout As TimeSpan _
) As Boolean
```

C#

```
bool WaitForMessage (
    TimeSpan timeout
)
```

C++

```
bool WaitForMessage (
    TimeSpan timeout
)
```

J#

```
boolean WaitForMessage (
    TimeSpan timeout
)
```

JScript

```
function WaitForMessage (
    timeout : TimeSpan
) : boolean
```

## Parameters

timeout

The time period that specifies the interval of time to wait for a message to arrive before timing out.

## Return Value

**true** if a message is available; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference





[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport Properties

## Public Properties

	Name	Description
	<a href="#">HeaderProvider</a>	Gets or sets the object that provides the header for the <a href="#">IMQTransport</a> object.
	<a href="#">MessageEncoder</a>	Gets or sets the message encoder associated with the channel stack.
	<a href="#">PerformanceCounters</a>	Gets or sets the performance counters that is associated with the <b>IMQTransport</b> object.
	<a href="#">PropertyBag</a>	Gets or sets the property bag that is associated with the <b>IMQTransport</b> .

See Also

### Reference

[IMQTransport Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.HeaderProvider Property

Gets or sets the object that provides the header for the [IMQTransport](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Property HeaderProvider As Object
```

C#

```
Object HeaderProvider { get; set; }
```

C++

```
property Object^ HeaderProvider {
    Object^ get ();
    void set (Object^ value);
}
```

J#

```
/** @property */
Object get_HeaderProvider ()

/** @property */
void set_HeaderProvider (Object value)
```

JScript

```
function get HeaderProvider () : Object

function set HeaderProvider (value : Object)
```

## Property Value

The object that provides the header for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.MessageEncoder Property

Gets or sets the message encoder associated with the channel stack.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Property MessageEncoder As MessageEncoder
```

C#

```
MessageEncoder MessageEncoder { get; set; }
```

C++

```
property MessageEncoder^ MessageEncoder {
    MessageEncoder^ get ();
    void set (MessageEncoder^ value);
}
```

J#

```
/** @property */
MessageEncoder get_MessageEncoder ()

/** @property */
void set_MessageEncoder (MessageEncoder value)
```

JScript

```
function get MessageEncoder () : MessageEncoder

function set MessageEncoder (value : MessageEncoder)
```

## Property Value

The message encoder associated with the channel stack.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.PerformanceCounters Property

Gets or sets the performance counters that is associated with the [IMQTransport](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Property PerformanceCounters As PerformanceCounter()
```

C#

```
PerformanceCounter[] PerformanceCounters { get; set; }
```

C++

```
property array<PerformanceCounter^>^ PerformanceCounters {
    array<PerformanceCounter^>^ get ();
    void set (array<PerformanceCounter^>^ value);
}
```

J#

```
/** @property */
PerformanceCounter[] get_PerformanceCounters ()

/** @property */
void set_PerformanceCounters (PerformanceCounter[] value)
```

JScript

```
function get PerformanceCounters () : PerformanceCounter[]

function set PerformanceCounters (value : PerformanceCounter[])
```

## Property Value

The performance counters that is associated with the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IMQTransport.PropertyBag Property

Gets or sets the property bag that is associated with the [IMQTransport](#).

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Property PropertyBag As IPropertyBag
```

C#

```
IPropertyBag PropertyBag { get; set; }
```

C++

```
property IPropertyBag^ PropertyBag {
    IPropertyBag^ get ();
    void set (IPropertyBag^ value);
}
```

J#

```
/** @property */
IPropertyBag get_PropertyBag ()

/** @property */
void set_PropertyBag (IPropertyBag value)
```

JScript

```
function get PropertyBag () : IPropertyBag

function set PropertyBag (value : IPropertyBag)
```

## Property Value

The property bag that is associated with the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IMQTransport Interface](#)

[IMQTransport Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IPropertyBag Interface

Defines an object with a property bag in which the object can save its properties persistently.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
[InterfaceTypeAttribute(ComInterfaceType.InterfaceIsIUnknown)]
[GuidAttribute("55272A00-42CB-11CE-8135-00AA004BB851")]
public interface IPropertyBag
```

C++

```
[InterfaceTypeAttribute(ComInterfaceType::InterfaceIsIUnknown)]
[GuidAttribute("55272A00-42CB-11CE-8135-00AA004BB851")]
public interface class IPropertyBag
```



F#

```
[<InterfaceTypeAttribute(ComInterfaceType.InterfaceIsIUnknown)>]
[<GuidAttribute("55272A00-42CB-11CE-8135-00AA004BB851")>]
type IPropertyBag = interface end
```

VB

```
<InterfaceTypeAttribute(ComInterfaceType.InterfaceIsIUnknown)>
<GuidAttribute("55272A00-42CB-11CE-8135-00AA004BB851")>
Public Interface IPropertyBag
```

Methods

	Name	Description
	<a href="#">Read(String, Object)</a>	Reads the data from the property bag.
	<a href="#">Write(String, Object)</a>	Writes the data to the property bag.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# IPropertyBag Members

Defines an object with a property bag in which the object can save its properties persistently.

The following tables list the members exposed by the [IPropertyBag](#) type.

## Public Methods

	Name	Description
	<a href="#">Read</a>	Reads the data from the property bag.
	<a href="#">Write</a>	Writes the data to the property bag.

[Top](#)

See Also



## Reference

[IPropertyBag Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IPropertyBag Methods

## Public Methods

	Name	Description
	<a href="#">Read</a>	Reads the data from the property bag.
	<a href="#">Write</a>	Writes the data to the property bag.

See Also

## Reference

[IPropertyBag Interface](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IPropertyBag.Read Method

Reads the data from the property bag.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub Read ( _
    <InAttribute> name As String, _
    <OutAttribute> ByRef data As Object _
)
```

C#

```
void Read (
    [InAttribute] string name,
    out Object data
)
```

C++

```
void Read (
    [InAttribute] String^ name,
    [OutAttribute] Object^% data
)
```

J#

```
void Read (
    /** @attribute InAttribute() */ String name,
    /** @attribute OutAttribute() */ /** @ref */ Object data
)
```

JScript

## Parameters

name

The name of the data.

data

The data that corresponds to the name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IPropertyBag Interface](#)

[IPropertyBag Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# IPropertyBag.Write Method

Writes the data to the property bag.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Sub Write ( _
    <InAttribute> name As String, _
    <InAttribute> ByRef data As Object _
)
```

C#

```
void Write (
    [InAttribute] string name,
    [InAttribute] ref Object data
)
```

C++

```
void Write (
    [InAttribute] String^ name,
    [InAttribute] Object^% data
)
```

J#

```
void Write (
    /** @attribute InAttribute() */ String name,
    /** @attribute InAttribute() */ /** @ref */ Object data
)
```

JScript

## Parameters

name

The name of the data.

data

The data that corresponds to the name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[IPropertyBag Interface](#)

[IPropertyBag Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class MqcihHeader
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class MqcihHeader : MQHeaderBase, IDisposable
```

C++

```
public ref class MqcihHeader : public MQHeaderBase, IDisposable
```

J#

```
public class MqcihHeader extends MQHeaderBase implements IDisposable
```

JScript

```
public class MqcihHeader extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.MqcihHeader**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader Members

Implements methods that assist headers from the config files.

The following tables list the members exposed by the [MqcihHeader](#) type.

## Public Constructors

Name	Description
<a href="#">MqcihHeader</a>	Initializes a new instance of the <a href="#">MqcihHeader</a> class.

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


## Public Properties

Name	Description
 <a href="#">AbendCode</a>	Gets or sets the code of the termination for the <b>MqcihHeader</b> object.
 <a href="#">ADSDescriptor</a>	Gets or sets the descriptor of the ADS.
 <a href="#">AttentionId</a>	Gets or sets the attention identifier of the <b>MqcihHeader</b> object.
 <a href="#">Authenticator</a>	Sets the password or passticket for the header object.
 <a href="#">CancelCode</a>	Gets or sets the transaction code for the specified header object.
 <a href="#">CodedCharSetId</a>	Gets or sets the character set identifier of data that follows <b>MqcihHeader</b> object.
 <a href="#">CompCode</a>	Gets or sets the MQ completion code.
 <a href="#">ConversationalTask</a>	Gets or sets the conversational task value for the specified header object.
 <a href="#">CursorPosition</a>	Gets or sets the position of the cursor of a <b>MqcihHeader</b> object.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows <b>MqcihHeader</b> object.
 <a href="#">ErrorOffset</a>	Gets or sets the error offset value for the specified header object.
 <a href="#">Facility</a>	Gets or sets the BVT token value.
 <a href="#">FacilityKeepTime</a>	Gets or sets the bridge facility release time.
 <a href="#">FacilityLike</a>	Gets or sets the terminal emulated attributes for the specified header object.
 <a href="#">Flags</a>	Gets or sets the flags used for the <b>MqcihHeader</b> object.
 <a href="#">Format</a>	Gets or sets the format name of data that follows the <b>MqcihHeader</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
 <a href="#">Function</a>	Gets or sets the MQ call name or CICS EIBFN function name.
 <a href="#">GetWaitInterval</a>	Gets or sets the wait interval for MQGET call issued by bridge.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets or sets the name of the header for the current header.
 <a href="#">InputItem</a>	Gets or sets the input item for the specified header object.
 <a href="#">LinkType</a>	Gets or sets the type of link of a <b>MqcihHeader</b> object.
 <a href="#">NextTransactionId</a>	Gets or sets the next identifier of the transaction.
 <a href="#">OutputDataLength</a>	Gets or sets the length of the output data for the <b>MqcihHeader</b> object.
 <a href="#">Reason</a>	Gets or sets the MQ reason or feedback code, or CICS EIBRESP2 for the specified header object.
 <a href="#">RemoteSysId</a>	Gets or sets the CICS system identifier of the CICS bridge header.
 <a href="#">RemoteTransId</a>	Gets or sets the value of the Remote Trans Id.
 <a href="#">ReplyToFormat</a>	Gets or sets the MQ format name of the reply message.
 <a href="#">ReturnCode</a>	Gets or sets the return code for the CICS bridge header.
 <a href="#">StartCode</a>	Gets or sets the transaction start code.
 <a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqcihHeader</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
 <a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>MqcihHeader</b> object.
 <a href="#">TaskEndStatus</a>	Gets or sets the status at the end of task.
 <a href="#">TransactionId</a>	Gets or sets the identifier for the transaction of the <b>MqcihHeader</b> object.
 <a href="#">UOWControl</a>	Gets or sets the control of the unit of work.
 <a href="#">Version</a>	Gets the version of the <b>MqcihHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the version for the current header.

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Public Methods (see also [Protected Methods](#))

Name	Description
------	-------------

	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>MqcihHeader</b> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

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#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

[Top](#)

See Also

#### Reference

[MqcihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader Constructor

Initializes a new instance of the [MqcihHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public MqcihHeader ()
```

C++

```
public:  
MqcihHeader ()
```

J#

```
public MqcihHeader ()
```

JScript

```
public function MqcihHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqcihHeader Class](#)










[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)











# MqcihHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">MqcihHeader</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[MqcihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Dispose Method

Releases the resources used by the [MqcihHeader](#) class.

Overload List

Name	Description
<a href="#">MqcihHeader.Dispose ()</a>	Releases all resources used by the current instance of the <b>MqcihHeader</b> class.
<a href="#">MqcihHeader.Dispose (Boolean)</a>	

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Dispose Method ()

Releases all resources used by the current instance of the [MqcihHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ReadFromStream Method

## Overload List

Name	Description
<a href="#">MqcihHeader.ReadFromStream (Stream)</a>	Reads the header from a specified stream.
<a href="#">MqcihHeader.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ReadFromStream Method (Stream)

Reads the header from a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.WriteToStream Method

## Overload List

Name	Description
<a href="#">MqcihHeader.WriteToStream (Stream)</a>	Writes the message of the <a href="#">MqcihHeader</a> object to a specified stream.
<a href="#">MqcihHeader.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

### Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.WriteToStream Method (Stream)

Writes the message of the [MqcihHeader](#) object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the header.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqcihHeader Properties

## Public Properties

Name	Description
 <a href="#">AbendCode</a>	Gets or sets the code of the termination for the <a href="#">MqcihHeader</a> object.
 <a href="#">ADSDescriptor</a>	Gets or sets the descriptor of the ADS.
 <a href="#">AttentionId</a>	Gets or sets the attention identifier of the <b>MqcihHeader</b> object.
 <a href="#">Authenticator</a>	Sets the password or passticket for the header object.
 <a href="#">CancelCode</a>	Gets or sets the transaction code for the specified header object.
 <a href="#">CodedCharSetId</a>	Gets or sets the character set identifier of data that follows <b>MqcihHeader</b> object.
 <a href="#">CompCode</a>	Gets or sets the MQ completion code.
 <a href="#">ConversationalTask</a>	Gets or sets the conversational task value for the specified header object.
 <a href="#">CursorPosition</a>	Gets or sets the position of the cursor of a <b>MqcihHeader</b> object.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows <b>MqcihHeader</b> object.
 <a href="#">ErrorOffset</a>	Gets or sets the error offset value for the specified header object.
 <a href="#">Facility</a>	Gets or sets the BVT token value.
 <a href="#">FacilityKeepTime</a>	Gets or sets the bridge facility release time.
 <a href="#">FacilityLike</a>	Gets or sets the terminal emulated attributes for the specified header object.
 <a href="#">Flags</a>	Gets or sets the flags used for the <b>MqcihHeader</b> object.
 <a href="#">Format</a>	Gets or sets the format name of data that follows the <b>MqcihHeader</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
 <a href="#">Function</a>	Gets or sets the MQ call name or CICS EIBFN function name.
 <a href="#">GetWaitInterval</a>	Gets or sets the wait interval for MQGET call issued by bridge.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets or sets the name of the header for the current header.
 <a href="#">InputItem</a>	Gets or sets the input item for the specified header object.
 <a href="#">LinkType</a>	Gets or sets the type of link of a <b>MqcihHeader</b> object.
 <a href="#">NextTransactionId</a>	Gets or sets the next identifier of the transaction.
 <a href="#">OutputDataLength</a>	Gets or sets the length of the output data for the <b>MqcihHeader</b> object.
 <a href="#">Reason</a>	Gets or sets the MQ reason or feedback code, or CICS EIBRESP2 for the specified header object.
 <a href="#">RemoteSysId</a>	Gets or sets the CICS system identifier of the CICS bridge header.
 <a href="#">RemoteTransId</a>	Gets or sets the value of the Remote Trans Id.
 <a href="#">ReplyToFormat</a>	Gets or sets the MQ format name of the reply message.
 <a href="#">ReturnCode</a>	Gets or sets the return code for the CICS bridge header.
 <a href="#">StartCode</a>	Gets or sets the transaction start code.
 <a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqcihHeader</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
 <a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>MqcihHeader</b> object.
 <a href="#">TaskEndStatus</a>	Gets or sets the status at the end of task.
 <a href="#">TransactionId</a>	Gets or sets the identifier for the transaction of the <b>MqcihHeader</b> object.
 <a href="#">UOWControl</a>	Gets or sets the control of the unit of work.
 <a href="#">Version</a>	Gets the version of the <b>MqcihHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the version for the current header.

See Also

## Reference

[MqcihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.AbendCode Property

Gets or sets the code of the termination for the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AbendCode As String
```

C#

```
public string AbendCode { get; set; }
```

C++

```
public:
property String^ AbendCode {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AbendCode ()

/** @property */
public void set_AbendCode (String value)
```

JScript

```
public function get AbendCode () : String

public function set AbendCode (value : String)
```

## Property Value

The code of the termination for the object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ADSDescriptor Property

Gets or sets the descriptor of the ADS.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ADSDescriptor As UInteger
```

C#

```
public uint ADSDescriptor { get; set; }
```

C++

```
public:
property unsigned int ADSDescriptor {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_ADSDescriptor ()

/** @property */
public void set_ADSDescriptor (UInt32 value)
```

JScript

```
public function get ADSDescriptor () : uint

public function set ADSDescriptor (value : uint)
```

## Property Value

The descriptor of the ADS.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.AttentionId Property

Gets or sets the attention identifier of the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property AttentionId As String
```

C#

```
public string AttentionId { get; set; }
```

C++

```
public:
property String^ AttentionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_AttentionId ()

/** @property */
public void set_AttentionId (String value)
```

JScript

```
public function get AttentionId () : String

public function set AttentionId (value : String)
```

## Property Value

The attention identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Authenticator Property

Sets the password or passticket for the header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Design", "CA1044:PropertiesShouldNotBeWriteOnly")> _
Public WriteOnly Property Authenticator As SecureString
```

C#

```
[SuppressMessageAttribute("Microsoft.Design", "CA1044:PropertiesShouldNotBeWriteOnly")]
public SecureString Authenticator { set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Design", L"CA1044:PropertiesShouldNotBeWriteOnly")]
public:
property SecureString^ Authenticator {
    void set (SecureString^ value);
}
```

J#

```
/** @property */
public void set_Authenticator (SecureString value)
```

JScript

```
public function set Authenticator (value : SecureString)
```

## Property Value

the password or passticket for the header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.CancelCode Property

Gets or sets the transaction code for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CancelCode As String
```

C#

```
public string CancelCode { get; set; }
```

C++

```
public:
property String^ CancelCode {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_CancelCode ()

/** @property */
public void set_CancelCode (String value)
```

JScript

```
public function get CancelCode () : String

public function set CancelCode (value : String)
```

## Property Value

The transaction code for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.CodedCharSetId Property

Gets or sets the character set identifier of data that follows [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodedCharSetId As UInteger
```

C#

```
public uint CodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int CodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CodedCharSetId ()

/** @property */
public void set_CodedCharSetId (UInt32 value)
```

JScript

```
public function get CodedCharSetId () : uint

public function set CodedCharSetId (value : uint)
```

## Property Value

The character set identifier of data that follows the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.CompCode Property

Gets or sets the MQ completion code.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CompCode As UInteger
```

C#

```
public uint CompCode { get; set; }
```

C++

```
public:
property unsigned int CompCode {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CompCode ()

/** @property */
public void set_CompCode (UInt32 value)
```

JScript

```
public function get CompCode () : uint

public function set CompCode (value : uint)
```

## Property Value

The MQ completion code.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqcihHeader.ConversationalTask Property

Gets or sets the conversational task value for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConversationalTask As UInteger
```

C#

```
public uint ConversationalTask { get; set; }
```

C++

```
public:
property unsigned int ConversationalTask {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_ConversationalTask ()

/** @property */
public void set_ConversationalTask (UInt32 value)
```

JScript

```
public function get ConversationalTask () : uint

public function set ConversationalTask (value : uint)
```

## Property Value

The conversational task value for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.CursorPosition Property

Gets or sets the position of the cursor of a [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CursorPosition As UInteger
```

C#

```
public uint CursorPosition { get; set; }
```

C++

```
public:
property unsigned int CursorPosition {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CursorPosition ()

/** @property */
public void set_CursorPosition (UInt32 value)
```

JScript

```
public function get CursorPosition () : uint

public function set CursorPosition (value : uint)
```

## Property Value

The position of the cursor of a specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Encoding Property

Gets or sets the numeric encoding of data that follows [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Encoding As UIntInteger
```

C#

```
public uint Encoding { get; set; }
```

C++

```
public:
property unsigned int Encoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Encoding ()

/** @property */
public void set_Encoding (UInt32 value)
```

JScript

```
public function get Encoding () : uint

public function set Encoding (value : uint)
```

## Property Value

The numeric encoding of data that follows specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ErrorOffset Property

Gets or sets the error offset value for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ErrorOffset As UInteger
```

C#

```
public uint ErrorOffset { get; set; }
```

C++

```
public:
property unsigned int ErrorOffset {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_ErrorOffset ()

/** @property */
public void set_ErrorOffset (UInt32 value)
```

JScript

```
public function get ErrorOffset () : uint

public function set ErrorOffset (value : uint)
```

## Property Value

The error offset value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Facility Property

Gets or sets the BVT token value.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property Facility As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] Facility { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ Facility {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_Facility ()

/** @property */
public void set_Facility (byte[] value)
```

JScript

```
public function get Facility () : byte[]

public function set Facility (value : byte[])
```

## Property Value

The BVT token value.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.FacilityKeepTime Property

Gets or sets the bridge facility release time.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property FacilityKeepTime As UInteger
```

C#

```
public uint FacilityKeepTime { get; set; }
```

C++

```
public:
property unsigned int FacilityKeepTime {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_FacilityKeepTime ()

/** @property */
public void set_FacilityKeepTime (UInt32 value)
```

JScript

```
public function get FacilityKeepTime () : uint

public function set FacilityKeepTime (value : uint)
```

## Property Value

The bridge facility release time.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.FacilityLike Property

Gets or sets the terminal emulated attributes for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property FacilityLike As String
```

C#

```
public string FacilityLike { get; set; }
```

C++

```
public:
property String^ FacilityLike {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_FacilityLike ()

/** @property */
public void set_FacilityLike (String value)
```

JScript

```
public function get FacilityLike () : String

public function set FacilityLike (value : String)
```

## Property Value

The terminal emulated attributes.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Flags Property

Gets or sets the flags used for the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Flags As UInteger
```

C#

```
public uint Flags { get; set; }
```

C++

```
public:
property unsigned int Flags {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Flags ()

/** @property */
public void set_Flags (UInt32 value)
```

JScript

```
public function get Flags () : uint

public function set Flags (value : uint)
```

## Property Value

The flags used for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqcihHeader.Format Property

Gets or sets the format name of data that follows the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Format As String
```

C#

```
public string Format { get; set; }
```

C++

```
public:
property String^ Format {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Format ()

/** @property */
public void set_Format (String value)
```

JScript

```
public function get Format () : String

public function set Format (value : String)
```

## Property Value

The format name of data that follows the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.FormatStringForThisHeader Property

Gets the string that specifies the display format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:
virtual property String^ FormatStringForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The string that specifies the display format for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.FormatStringOfNextHeader Property

Gets or sets the string that specifies the display format of the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The string that specifies the display format of the next header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Function Property

Gets or sets the MQ call name or CICS EIBFN function name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Function As String
```

C#

```
public string Function { get; set; }
```

C++

```
public:
property String^ Function {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Function ()

/** @property */
public void set_Function (String value)
```

JScript

```
public function get Function () : String

public function set Function (value : String)
```

## Property Value

The MQ call name values or CICS EIBFN function.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.GetWaitInterval Property

Gets or sets the wait interval for MQGET call issued by bridge.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property GetWaitInterval As UInteger
```

C#

```
public uint GetWaitInterval { get; set; }
```

C++

```
public:
property unsigned int GetWaitInterval {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_GetWaitInterval ()

/** @property */
public void set_GetWaitInterval (UInt32 value)
```

JScript

```
public function get GetWaitInterval () : uint

public function set GetWaitInterval (value : uint)
```

## Property Value

The wait interval for MQGET call issued by bridge.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.HeaderNameForThisHeader Property

Gets or sets the name of the header for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The name of the header for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.InputItem Property

Gets or sets the input item for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property InputItem As UInteger
```

C#

```
public uint InputItem { get; set; }
```

C++

```
public:
property unsigned int InputItem {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_InputItem ()

/** @property */
public void set_InputItem (UInt32 value)
```

JScript

```
public function get InputItem () : uint

public function set InputItem (value : uint)
```

## Property Value

The input item.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.LinkType Property

Gets or sets the type of link of a [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LinkType As UInteger
```

C#

```
public uint LinkType { get; set; }
```

C++

```
public:
property unsigned int LinkType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_LinkType ()

/** @property */
public void set_LinkType (UInt32 value)
```

JScript

```
public function get LinkType () : uint

public function set LinkType (value : uint)
```

## Property Value

The type of link of a specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqcihHeader.NextTransactionId Property

Gets or sets the next identifier of the transaction.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NextTransactionId As String
```

C#

```
public string NextTransactionId { get; set; }
```

C++

```
public:
property String^ NextTransactionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_NextTransactionId ()

/** @property */
public void set_NextTransactionId (String value)
```

JScript

```
public function get NextTransactionId () : String

public function set NextTransactionId (value : String)
```

## Property Value

The next identifier of the transaction.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.OutputDataLength Property

Gets or sets the length of the output data for the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property OutputDataLength As UInteger
```

C#

```
public uint OutputDataLength { get; set; }
```

C++

```
public:
property unsigned int OutputDataLength {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_OutputDataLength ()

/** @property */
public void set_OutputDataLength (UInt32 value)
```

JScript

```
public function get OutputDataLength () : uint

public function set OutputDataLength (value : uint)
```

## Property Value

The length of the output data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Reason Property

Gets or sets the MQ reason or feedback code, or CICS EIBRESP2 for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Reason As UInteger
```

C#

```
public uint Reason { get; set; }
```

C++

```
public:
property unsigned int Reason {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Reason ()

/** @property */
public void set_Reason (UInt32 value)
```

JScript

```
public function get Reason () : uint

public function set Reason (value : uint)
```

## Property Value

The MQ reason or feedback code.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.RemoteSysId Property

Gets or sets the CICS system identifier of the CICS bridge header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteSysId As String
```

C#

```
public string RemoteSysId { get; set; }
```

C++

```
public:
property String^ RemoteSysId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteSysId ()

/** @property */
public void set_RemoteSysId (String value)
```

JScript

```
public function get RemoteSysId () : String

public function set RemoteSysId (value : String)
```

## Property Value

The CICS system identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.RemoteTransId Property

Gets or sets the value of the Remote Trans Id.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteTransId As String
```

C#

```
public string RemoteTransId { get; set; }
```

C++

```
public:
property String^ RemoteTransId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteTransId ()

/** @property */
public void set_RemoteTransId (String value)
```

JScript

```
public function get RemoteTransId () : String

public function set RemoteTransId (value : String)
```

## Property Value

The value of the Remote Trans Id.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ReplyToFormat Property

Gets or sets the MQ format name of the reply message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReplyToFormat As String
```

C#

```
public string ReplyToFormat { get; set; }
```

C++

```
public:
property String^ ReplyToFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ReplyToFormat ()

/** @property */
public void set_ReplyToFormat (String value)
```

JScript

```
public function get ReplyToFormat () : String

public function set ReplyToFormat (value : String)
```

## Property Value

The MQ format name of the reply message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.ReturnCode Property

Gets or sets the return code for the CICS bridge header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReturnCode As UInteger
```

C#

```
public uint ReturnCode { get; set; }
```

C++

```
public:
property unsigned int ReturnCode {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_ReturnCode ()

/** @property */
public void set_ReturnCode (UInt32 value)
```

JScript

```
public function get ReturnCode () : uint

public function set ReturnCode (value : uint)
```

## Property Value

The return code for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.StartCode Property

Gets or sets the transaction start code.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StartCode As String
```

C#

```
public string StartCode { get; set; }
```

C++

```
public:
property String^ StartCode {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_StartCode ()

/** @property */
public void set_StartCode (String value)
```

JScript

```
public function get StartCode () : String

public function set StartCode (value : String)
```

## Property Value

The transaction start code.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqcihHeader.StrucId Property

Gets the identifier for the structure of the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:
property String^ StrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The identifier for the structure of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.StrucIdForThisHeader Property

Gets the identifier of the structure for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The identifier of the structure for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.StrucLength Property

Gets or sets the length of the structure for the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StrucLength As UInteger
```

C#

```
public uint StrucLength { get; set; }
```

C++

```
public:
property unsigned int StrucLength {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_StrucLength ()

/** @property */
public void set_StrucLength (UInt32 value)
```

JScript

```
public function get StrucLength () : uint

public function set StrucLength (value : uint)
```

## Property Value

The length of the structure for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.TaskEndStatus Property

Gets or sets the status at the end of task.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TaskEndStatus As UInteger
```

C#

```
public uint TaskEndStatus { get; set; }
```

C++

```
public:
property unsigned int TaskEndStatus {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_TaskEndStatus ()

/** @property */
public void set_TaskEndStatus (UInt32 value)
```

JScript

```
public function get TaskEndStatus () : uint

public function set TaskEndStatus (value : uint)
```

## Property Value

The status at the end of task.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.TransactionId Property

Gets or sets the identifier for the transaction of the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TransactionId As String
```

C#

```
public string TransactionId { get; set; }
```

C++

```
public:
property String^ TransactionId {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TransactionId ()

/** @property */
public void set_TransactionId (String value)
```

JScript

```
public function get TransactionId () : String

public function set TransactionId (value : String)
```

## Property Value

The identifier for the transaction of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.UOWControl Property

Gets or sets the control of the unit of work.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UOWControl As UInteger
```

C#

```
public uint UOWControl { get; set; }
```

C++

```
public:
property unsigned int UOWControl {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_UOWControl ()

/** @property */
public void set_UOWControl (UInt32 value)
```

JScript

```
public function get UOWControl () : uint

public function set UOWControl (value : uint)
```

## Property Value

The control of the unit of work.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.Version Property

Gets the version of the [MqcihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:
property unsigned int Version {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqcihHeader.VersionForThisHeader Property

Gets the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The version for the current header.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqcihHeader Class](#)

[MqcihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqdlhHeader Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class MqdlhHeader
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class MqdlhHeader : MQHeaderBase, IDisposable
```

C++

```
public ref class MqdlhHeader : public MQHeaderBase, IDisposable
```

J#

```
public class MqdlhHeader extends MQHeaderBase implements IDisposable
```

JScript

```
public class MqdlhHeader extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.MqdlhHeader**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader Members

Implements methods that assist headers from the config files.


















The following tables list the members exposed by the [MqdlhHeader](#) type.

## Public Constructors

Name	Description
<a href="#">MqdlhHeader</a>	Initializes a new instance of the <a href="#">MqdlhHeader</a> class.









## Top

## Public Properties

Name	Description
 <a href="#">CodedCharSetId</a>	Gets or sets the character set identifier of data that follows <b>MqdlhHeader</b> object.
 <a href="#">DestQMgrName</a>	Gets or sets the name of the original destination queue manager for the <b>MqdlhHeader</b> object.
 <a href="#">DestQName</a>	Gets or sets the name of the original destination queue for the <b>MqdlhHeader</b> object.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows <b>MqdlhHeader</b> object.
 <a href="#">Format</a>	Gets or sets the format name of data that follows the <b>MqdlhHeader</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
 <a href="#">PutApplName</a>	Gets or sets the name of application that put the message on the <b>MqdlhHeader</b> object.
 <a href="#">PutApplType</a>	Gets or sets the type of application that put the message on the <b>MqdlhHeader</b> object.
 <a href="#">PutDate</a>	Gets or sets the date when a message was put on the <b>MqdlhHeader</b> object.
 <a href="#">PutTime</a>	Gets or sets the time when a message was put on the <b>MqdlhHeader</b> object.
 <a href="#">Reason</a>	Gets or sets the MQ reason or feedback code, or CICS EIBRESP2.
 <a href="#">StrucId</a>	Gets the structure identifier of the specified <b>MqdlhHeader</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
 <a href="#">Version</a>	Gets the version of the <b>MqdlhHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the version for the current header.









## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>MqdlhHeader</b> class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. Overridden.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 <a href="#">WriteToStream</a>	Overloaded. Overridden.

## Top

## Protected Methods

Name	Description
 <a href="#">Dispose</a>	Overloaded.
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

## Top

See Also

## Reference

[MqdlhHeader Class](#)



# MqdlhHeader Constructor

Initializes a new instance of the [MqdlhHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MqdlhHeader ()
```

C++

```
public:
MqdlhHeader ()
```

J#

```
public MqdlhHeader ()
```

JScript

```
public function MqdlhHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[MqdlhHeader Class](#)

[MqdlhHeader Members](#)









[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">MqdlhHeader</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[MqdlhHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Dispose Method

Releases the resources used by the [MqdlhHeader](#) class.

Overload List

Name	Description
<a href="#">MqdlhHeader.Dispose ()</a>	Releases all resources used by the current instance of the <b>MqdlhHeader</b> class.
<a href="#">MqdlhHeader.Dispose (Boolean)</a>	

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Dispose Method ()

Releases all resources used by the current instance of the [MqdlhHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqdlhHeader.ReadFromStream Method

## Overload List

Name	Description
<a href="#">MqdlhHeader.ReadFromStream (Stream)</a>	Reads the header object from a specified stream.
<a href="#">MqdlhHeader.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.ReadFromStream Method (Stream)

Reads the header object from a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.WriteToStream Method

Overload List

Name	Description
<a href="#">MqdlhHeader.WriteToStream (Stream)</a>	Writes the message of the <a href="#">MqdlhHeader</a> object to a specified stream.
<a href="#">MqdlhHeader.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

Reference

- [MqdlhHeader Class](#)
- [MqdlhHeader Members](#)
- [System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.WriteToStream Method (Stream)

Writes the message of the **MqdlhHeader** object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the [MqdlhHeader](#) object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader Properties

## Public Properties

	Name	Description
	<a href="#">CodedCharSetId</a>	Gets or sets the character set identifier of data that follows <a href="#">MqdlhHeader</a> object.
	<a href="#">DestQMgrName</a>	Gets or sets the name of the original destination queue manager for the <b>MqdlhHeader</b> object.
	<a href="#">DestQName</a>	Gets or sets the name of the original destination queue for the <b>MqdlhHeader</b> object.
	<a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows <b>MqdlhHeader</b> object.
	<a href="#">Format</a>	Gets or sets the format name of data that follows the <b>MqdlhHeader</b> object.
	<a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
	<a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
	<a href="#">PutApplName</a>	Gets or sets the name of application that put the message on the <b>MqdlhHeader</b> object.
	<a href="#">PutApplType</a>	Gets or sets the type of application that put the message on the <b>MqdlhHeader</b> object.
	<a href="#">PutDate</a>	Gets or sets the date when a message was put on the <b>MqdlhHeader</b> object.
	<a href="#">PutTime</a>	Gets or sets the time when a message was put on the <b>MqdlhHeader</b> object.
	<a href="#">Reason</a>	Gets or sets the MQ reason or feedback code, or CICS EIBRESP2.
	<a href="#">StrucId</a>	Gets the structure identifier of the specified <b>MqdlhHeader</b> object.
	<a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
	<a href="#">Version</a>	Gets the version of the <b>MqdlhHeader</b> object.
	<a href="#">VersionForThisHeader</a>	Overridden. Gets the version for the current header.

See Also

### Reference

[MqdlhHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.CodedCharSetId Property

Gets or sets the character set identifier of data that follows [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodedCharSetId As UInteger
```

C#

```
public uint CodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int CodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CodedCharSetId ()

/** @property */
public void set_CodedCharSetId (UInt32 value)
```

JScript

```
public function get CodedCharSetId () : uint

public function set CodedCharSetId (value : uint)
```

## Property Value

The character set identifier of data that follows the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.DestQMgrName Property

Gets or sets the name of the original destination queue manager for the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DestQMgrName As String
```

C#

```
public string DestQMgrName { get; set; }
```

C++

```
public:
property String^ DestQMgrName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DestQMgrName ()

/** @property */
public void set_DestQMgrName (String value)
```

JScript

```
public function get DestQMgrName () : String

public function set DestQMgrName (value : String)
```

## Property Value

The name of the original destination queue manager for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.DestQName Property

Gets or sets the name of the original destination queue for the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DestQName As String
```

C#

```
public string DestQName { get; set; }
```

C++

```
public:
property String^ DestQName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_DestQName ()

/** @property */
public void set_DestQName (String value)
```

JScript

```
public function get DestQName () : String

public function set DestQName (value : String)
```

## Property Value

The name of the original destination queue for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqdlhHeader.Encoding Property

Gets or sets the numeric encoding of data that follows [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Encoding As UIntInteger
```

C#

```
public uint Encoding { get; set; }
```

C++

```
public:
property unsigned int Encoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Encoding ()

/** @property */
public void set_Encoding (UInt32 value)
```

JScript

```
public function get Encoding () : uint

public function set Encoding (value : uint)
```

## Property Value

The numeric encoding of data that follows specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Format Property

Gets or sets the format name of data that follows the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Format As String
```

C#

```
public string Format { get; set; }
```

C++

```
public:
property String^ Format {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Format ()

/** @property */
public void set_Format (String value)
```

JScript

```
public function get Format () : String

public function set Format (value : String)
```

## Property Value

The format name of data that follows the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.FormatStringForThisHeader Property

Gets the string that specifies the display format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:  
virtual property String^ FormatStringForThisHeader {  
    String^ get () override;  
}
```

J#

```
/** @property */  
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The string that specifies the display format for the current header.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.FormatStringOfNextHeader Property

Gets or sets the string that specifies the display format of the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The string that specifies the display format of the next header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.HeaderNameForThisHeader Property

Gets the name of the header for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The name of the header for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.PutAppName Property

Gets or sets the name of application that put the message on the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutAppName As String
```

C#

```
public string PutAppName { get; set; }
```

C++

```
public:
property String^ PutAppName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutAppName ()

/** @property */
public void set_PutAppName (String value)
```

JScript

```
public function get PutAppName () : String

public function set PutAppName (value : String)
```

## Property Value

The name of application that put the message on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.PutApplType Property

Gets or sets the type of application that put the message on the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutApplType As UInteger
```

C#

```
public uint PutApplType { get; set; }
```

C++

```
public:
property unsigned int PutApplType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_PutApplType ()

/** @property */
public void set_PutApplType (UInt32 value)
```

JScript

```
public function get PutApplType () : uint

public function set PutApplType (value : uint)
```

## Property Value

The type of application that put the message on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.PutDate Property

Gets or sets the date when a message was put on the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutDate As String
```

C#

```
public string PutDate { get; set; }
```

C++

```
public:
property String^ PutDate {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutDate ()

/** @property */
public void set_PutDate (String value)
```

JScript

```
public function get PutDate () : String

public function set PutDate (value : String)
```

## Property Value

The date when a message was put on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqdlhHeader.PutTime Property

Gets or sets the time when a message was put on the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutTime As String
```

C#

```
public string PutTime { get; set; }
```

C++

```
public:
property String^ PutTime {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutTime ()

/** @property */
public void set_PutTime (String value)
```

JScript

```
public function get PutTime () : String

public function set PutTime (value : String)
```

## Property Value

The time when a message was put on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Reason Property

Gets or sets the MQ reason or feedback code, or CICS EIBRESP2.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Reason As UInteger
```

C#

```
public uint Reason { get; set; }
```

C++

```
public:
property unsigned int Reason {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Reason ()

/** @property */
public void set_Reason (UInt32 value)
```

JScript

```
public function get Reason () : uint

public function set Reason (value : uint)
```

## Property Value

The MQ reason or feedback code, or CICS EIBRESP2 values.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.StrucId Property

Gets the structure identifier of the specified [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:  
property String^ StrucId {  
    String^ get ();  
}
```

J#

```
/** @property */  
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The structure identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.StrucIdForThisHeader Property

Gets the identifier of the structure for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The identifier of the structure for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.Version Property

Gets the version of the [MqdlhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:  
property unsigned int Version {  
    unsigned int get ();  
}
```

J#

```
/** @property */  
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqdlhHeader.VersionForThisHeader Property

Gets the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The version for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqdlhHeader Class](#)

[MqdlhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase Class

Defines properties and methods that custom headers must implement.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustInherit Class MQHeaderBase
    Implements IMQHeaderBase
```

C#

```
public abstract class MQHeaderBase : IMQHeaderBase
```

C++

```
public ref class MQHeaderBase abstract : IMQHeaderBase
```

J#

```
public abstract class MQHeaderBase implements IMQHeaderBase
```

JScript

```
public abstract class MQHeaderBase implements IMQHeaderBase
```

Inheritance Hierarchy [System.Object](#)

**System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase**

[Derived Classes](#)

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase Members

Defines properties and methods that custom headers must implement.






The following tables list the members exposed by the [MQHeaderBase](#) type.

## Protected Constructors

Name	Description
<a href="#">MQHeaderBase</a>	Initializes a new instance of the <a href="#">MQHeaderBase</a> class.








[Top](#)

## Public Properties

Name	Description
 <a href="#">FormatStringForThisHeader</a>	Gets the format string for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Gets the format string for the next header.
 <a href="#">HeaderNameForThisHeader</a>	Gets the name of the header for the current header.
 <a href="#">StructIdForThisHeader</a>	Gets the identifier of the structure for the current header.
 <a href="#">VersionForThisHeader</a>	Gets the version for the current header.








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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. Retrieves the header base object from the given stream.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 <a href="#">WriteToStream</a>	Overloaded.

[Top](#)

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded.
 <a href="#">ReadStringFromField</a>	Retrieves the string object of the specified header from the specific field.
 <a href="#">WriteSecureStringToField</a>	Writes the secure string object of the specified header to the specific field.
 <a href="#">WriteStringToField</a>	Writes a string object of the specified header to the specific field.
 <a href="#">WriteToStream</a>	Overloaded. Writes the header base object to the given stream.

[Top](#)

See Also

## Reference

[MQHeaderBase Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MQHeaderBase Constructor

Initializes a new instance of the [MQHeaderBase](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Protected Sub New
```

C#

```
protected MQHeaderBase ()
```

C++

```
protected:  
MQHeaderBase ()
```

J#

```
protected MQHeaderBase ()
```

JScript

```
protected function MQHeaderBase ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**









[MQHeaderBase Class](#)

[MQHeaderBase Members](#)








[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Retrieves the header base object from the given stream.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded.
	<a href="#">ReadStringFromField</a>	Retrieves the string object of the specified header from the specific field.
	<a href="#">WriteSecureStringToField</a>	Writes the secure string object of the specified header to the specific field.
	<a href="#">WriteStringToField</a>	Writes a string object of the specified header to the specific field.
	<a href="#">WriteToStream</a>	Overloaded. Writes the header base object to the given stream.

See Also

## Reference

[MQHeaderBase Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.ReadFromStream Method

Retrieves the header base object from the given stream.

Overload List

Name	Description
<a href="#">MQHeaderBase.ReadFromStream (Stream)</a>	Reads the header base object from the given stream.
<a href="#">MQHeaderBase.ReadFromStream (Stream, Byte*, Int32)</a>	Reads the header base object from the given stream.

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.ReadFromStream Method (Stream)

Reads the header base object from the given stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public abstract void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) abstract
```

J#

```
public abstract void ReadFromStream (
    Stream stream
)
```

JScript

```
public abstract function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream to write this memory stream to.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.ReadFromStream Method (Stream, Byte\*, Int32)

Reads the header base object from the given stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

'Declaration

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1822:MarkMembersAsStatic")]
protected void ReadFromStream (
    Stream stream,
    byte* header,
    int headerSize
)
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1822:MarkMembersAsStatic")]
protected:
void ReadFromStream (
    Stream^ stream,
    unsigned char* header,
    int headerSize
)
```

J#

JScript

## Parameters

stream

The stream to write this memory stream to.

header

The header that contains the stream.

headerSize

A specified value for the header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.ReadStringFromField Method

Retrieves the string object of the specified header from the specific field.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

'Declaration

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1804:RemoveUnusedLocals")]
[SuppressMessageAttribute("Microsoft.Performance", "CA1822:MarkMembersAsStatic")]
protected string ReadStringFromField (
    byte* field,
    int fieldSize
)
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1804:RemoveUnusedLocals")]
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1822:MarkMembersAsStatic")]
protected:
String^ ReadStringFromField (
    unsigned char* field,
    int fieldSize
)
```

J#

JScript

## Parameters

field

The object where the string is read.

fieldSize

The size of the field.

## Return Value

The string object of the specified header from the given field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# MQHeaderBase.WriteSecureStringToField Method

Writes the secure string object of the specified header to the specific field.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

'Declaration

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1822:MarkMembersAsStatic")]
[SuppressMessageAttribute("Microsoft.Performance", "CA1804:RemoveUnusedLocals")]
protected void WriteSecureStringToField (
    SecureString value,
    byte* field,
    int fieldSize
)
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1822:MarkMembersAsStatic")]
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1804:RemoveUnusedLocals")]
protected:
void WriteSecureStringToField (
    SecureString^ value,
    unsigned char* field,
    int fieldSize
)
```

J#

JScript

## Parameters

value

The value of the string to be written.

field

The object where the string to be written.

fieldSize

The size of the field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.WriteStringToField Method

Writes a string object of the specified header to the specific field.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

'Declaration

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1804:RemoveUnusedLocals")]
[SuppressMessageAttribute("Microsoft.Performance", "CA1822:MarkMembersAsStatic")]
protected void WriteStringToField (
    string value,
    byte* field,
    int fieldSize
)
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1804:RemoveUnusedLocals")]
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1822:MarkMembersAsStatic")]
protected:
void WriteStringToField (
    String^ value,
    unsigned char* field,
    int fieldSize
)
```

J#

JScript

## Parameters

value

The value of the string to be written.

field

The object where the string to be written.

fieldSize

The size of the field.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.WriteToStream Method

## Overload List

Name	Description
<a href="#">MQHeaderBase.WriteToStream (Stream)</a>	Writes the message of the <a href="#">MQHeaderBase</a> object to a specified stream.
<a href="#">MQHeaderBase.WriteToStream (Byte*, Int32, Stream)</a>	Writes the header base object to the given stream.

See Also

### Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.WriteToStream Method (Stream)

Writes the message of the **MQHeaderBase** object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public abstract void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) abstract
```

J#

```
public abstract void WriteToStream (
    Stream stream
)
```

JScript

```
public abstract function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the [MQHeaderBase](#) object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.WriteToStream Method (Byte\*, Int32, Stream)

Writes the header base object to the given stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

'Declaration

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1822:MarkMembersAsStatic")]
protected void WriteToStream (
    byte* header,
    int headerSize,
    Stream stream
)
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1822:MarkMembersAsStatic")]
protected:
void WriteToStream (
    unsigned char* header,
    int headerSize,
    Stream^ stream
)
```

J#

JScript

## Parameters

header

The stream to write this memory stream to.

headerSize

The header that contains the stream.

stream

A specified value for the header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)






[MQHeaderBase Members](#)





# MQHeaderBase Properties

## Public Properties

	Name	Description
	<a href="#">FormatStringForThisHeader</a>	Gets the format string for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Gets the format string for the next header.
	<a href="#">HeaderNameForThisHeader</a>	Gets the name of the header for the current header.
	<a href="#">StrucIdForThisHeader</a>	Gets the identifier of the structure for the current header.
	<a href="#">VersionForThisHeader</a>	Gets the version for the current header.

See Also

### Reference

[MQHeaderBase Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.FormatStringForThisHeader Property

Gets the format string for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public abstract string FormatStringForThisHeader { get; }
```

C++

```
public:
virtual property String^ FormatStringForThisHeader {
    String^ get () abstract;
}
```

J#

```
/** @property */
public abstract String get_FormatStringForThisHeader ()
```

JScript

```
public abstract function get FormatStringForThisHeader () : String
```

## Property Value

The format string for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.FormatStringOfNextHeader Property

Gets the format string for the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride Property FormatStringOfNextHeader As String
```

C#

```
public abstract string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () abstract;
    void set (String^ value) abstract;
}
```

J#

```
/** @property */
public abstract String get_FormatStringOfNextHeader ()

/** @property */
public abstract void set_FormatStringOfNextHeader (String value)
```

JScript

```
public abstract function get FormatStringOfNextHeader () : String

public abstract function set FormatStringOfNextHeader (value : String)
```

## Property Value

The format string for the next header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.HeaderNameForThisHeader Property

Gets the name of the header for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public abstract string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () abstract;
}
```

J#

```
/** @property */
public abstract String get_HeaderNameForThisHeader ()
```

JScript

```
public abstract function get HeaderNameForThisHeader () : String
```

## Property Value

The name of the header for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.StrucIdForThisHeader Property

Gets the identifier of the structure for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public abstract string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () abstract;
}
```

J#

```
/** @property */
public abstract String get_StrucIdForThisHeader ()
```

JScript

```
public abstract function get StrucIdForThisHeader () : String
```

## Property Value

The identifier of the structure for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQHeaderBase.VersionForThisHeader Property

Gets the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public MustOverride ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public abstract uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () abstract;
}
```

J#

```
/** @property */
public abstract UInt32 get_VersionForThisHeader ()
```

JScript

```
public abstract function get VersionForThisHeader () : uint
```

## Property Value

The version for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQHeaderBase Class](#)

[MQHeaderBase Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class MqiihHeader
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class MqiihHeader : MQHeaderBase, IDisposable
```

C++

```
public ref class MqiihHeader : public MQHeaderBase, IDisposable
```

J#

```
public class MqiihHeader extends MQHeaderBase implements IDisposable
```

JScript

```
public class MqiihHeader extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.MqiihHeader**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader Members

Implements methods that assist headers from the config files.





















The following tables list the members exposed by the [MqiihHeader](#) type.

## Public Constructors

Name	Description
<a href="#">MqiihHeader</a>	Initializes a new instance of the <a href="#">MqiihHeader</a> class.









## Top

## Public Properties

Name	Description
 <a href="#">Authenticator</a>	Gets or sets the password or passticket for the specified header object.
 <a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <b>MqiihHeader</b> object.
 <a href="#">CommitMode</a>	Gets or sets the header object using the specified CommitMode.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>MqiihHeader</b> object.
 <a href="#">Flags</a>	Gets or sets the flags used for the <b>MqiihHeader</b> object.
 <a href="#">Format</a>	Gets or sets the format name of the <b>MqiihHeader</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the current header.
 <a href="#">LTermOverride</a>	Gets or sets the logical terminal override, placed in the IO PCB field.
 <a href="#">MFSMapName</a>	Gets or sets the message format services map name.
 <a href="#">ReplyToFormat</a>	Gets or sets the MQ format name of the reply message.
 <a href="#">SecurityScope</a>	Gets or sets the IMS security processing required.
 <a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqiihHeader</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
 <a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>MqiihHeader</b> object.
 <a href="#">TranInstancelId</a>	Gets or sets the transaction instance identifier for the specified header object.
 <a href="#">TranState</a>	Gets or sets the IMS conversation state.
 <a href="#">Version</a>	Gets the version of the <b>MqiihHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.









## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>MqiihHeader</b> class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. Overridden.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 <a href="#">WriteToStream</a>	Overloaded. Overridden.

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## Protected Methods

Name	Description
 <a href="#">Dispose</a>	Overloaded.
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

## Top



See Also

**Reference**

[MqiihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader Constructor

Initializes a new instance of the [MqiihHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MqiihHeader ()
```

C++

```
public:
MqiihHeader ()
```

J#

```
public MqiihHeader ()
```

JScript

```
public function MqiihHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[MqiihHeader Class](#)

[MqiihHeader Members](#)









[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">MqiihHeader</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[MqiihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Dispose Method

Releases the resources used by the [MqiihHeader](#) class.

Overload List

Name	Description
<a href="#">MqiihHeader.Dispose ()</a>	Releases all resources used by the current instance of the <b>MqiihHeader</b> class.
<a href="#">MqiihHeader.Dispose (Boolean)</a>	

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Dispose Method ()

Releases all resources used by the current instance of the [MqiihHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.ReadFromStream Method

## Overload List

Name	Description
<a href="#">MqiihHeader.ReadFromStream (Stream)</a>	Reads the header from a specified stream.
<a href="#">MqiihHeader.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.ReadFromStream Method (Stream)

Reads the header from a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqiihHeader.WriteToStream Method

## Overload List

Name	Description
<a href="#">MqiihHeader.WriteToStream (Stream)</a>	Writes the message of the <a href="#">MqiihHeader</a> object to a specified stream.
<a href="#">MqiihHeader.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

### Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.WriteToStream Method (Stream)

Writes the message of the **MqiihHeader** object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the [MqiihHeader](#) object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference





















[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader Properties

## Public Properties

	Name	Description
	<a href="#">Authenticator</a>	Gets or sets the password or passticket for the specified header object.
	<a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <a href="#">MqiihHeader</a> object.
	<a href="#">CommitMode</a>	Gets or sets the header object using the specified CommitMode.
	<a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>MqiihHeader</b> object.
	<a href="#">Flags</a>	Gets or sets the flags used for the <b>MqiihHeader</b> object.
	<a href="#">Format</a>	Gets or sets the format name of the <b>MqiihHeader</b> object.
	<a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
	<a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the current header.
	<a href="#">LTermOverride</a>	Gets or sets the logical terminal override, placed in the IO PCB field.
	<a href="#">MFSMapName</a>	Gets or sets the message format services map name.
	<a href="#">ReplyToFormat</a>	Gets or sets the MQ format name of the reply message.
	<a href="#">SecurityScope</a>	Gets or sets the IMS security processing required.
	<a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqiihHeader</b> object.
	<a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
	<a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>MqiihHeader</b> object.
	<a href="#">TranInstanceld</a>	Gets or sets the transaction instance identifier for the specified header object.
	<a href="#">TranState</a>	Gets or sets the IMS conversation state.
	<a href="#">Version</a>	Gets the version of the <b>MqiihHeader</b> object.
	<a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

See Also

### Reference

[MqiihHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Authenticator Property

Gets or sets the password or passticket for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Authenticator As String
```

C#

```
public string Authenticator { get; set; }
```

C++

```
public:
property String^ Authenticator {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Authenticator ()

/** @property */
public void set_Authenticator (String value)
```

JScript

```
public function get Authenticator () : String

public function set Authenticator (value : String)
```

## Property Value

The password or passticket for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.CodedCharSetId Property

Gets or sets the coded character set identifier of the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodedCharSetId As UInteger
```

C#

```
public uint CodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int CodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CodedCharSetId ()

/** @property */
public void set_CodedCharSetId (UInt32 value)
```

JScript

```
public function get CodedCharSetId () : uint

public function set CodedCharSetId (value : uint)
```

## Property Value

The coded character set identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.CommitMode Property

Gets or sets the header object using the specified CommitMode.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CommitMode As SByte
```

C#

```
public sbyte CommitMode { get; set; }
```

C++

```
public:
property signed char CommitMode {
    signed char get ();
    void set (signed char value);
}
```

J#

```
/** @property */
public SByte get_CommitMode ()

/** @property */
public void set_CommitMode (SByte value)
```

JScript

```
public function get CommitMode () : sbyte

public function set CommitMode (value : sbyte)
```

## Property Value

The header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Encoding Property

Gets or sets the numeric encoding of data that follows the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Encoding As UIntInteger
```

C#

```
public uint Encoding { get; set; }
```

C++

```
public:
property unsigned int Encoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Encoding ()

/** @property */
public void set_Encoding (UInt32 value)
```

JScript

```
public function get Encoding () : uint

public function set Encoding (value : uint)
```

## Property Value

The numeric encoding of data that follows the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Flags Property

Gets or sets the flags used for the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Flags As UInteger
```

C#

```
public uint Flags { get; set; }
```

C++

```
public:
property unsigned int Flags {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Flags ()

/** @property */
public void set_Flags (UInt32 value)
```

JScript

```
public function get Flags () : uint

public function set Flags (value : uint)
```

## Property Value

The flags used for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqiihHeader.Format Property

Gets or sets the format name of the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Format As String
```

C#

```
public string Format { get; set; }
```

C++

```
public:
property String^ Format {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Format ()

/** @property */
public void set_Format (String value)
```

JScript

```
public function get Format () : String

public function set Format (value : String)
```

## Property Value

The format name of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.FormatStringForThisHeader Property

Gets the specified value to format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:
virtual property String^ FormatStringForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The value of the specified object to format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.FormatStringOfNextHeader Property

Gets or sets the specified value to format for the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The value of the specified object to format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.HeaderNameForThisHeader Property

Gets the name of the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The value of the name of the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.LTermOverride Property

Gets or sets the logical terminal override, placed in the IO PCB field.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LTermOverride As String
```

C#

```
public string LTermOverride { get; set; }
```

C++

```
public:
property String^ LTermOverride {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_LTermOverride ()

/** @property */
public void set_LTermOverride (String value)
```

JScript

```
public function get LTermOverride () : String

public function set LTermOverride (value : String)
```

## Property Value

The logical terminal override.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.MFSMapName Property

Gets or sets the message format services map name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MFSMapName As String
```

C#

```
public string MFSMapName { get; set; }
```

C++

```
public:
property String^ MFSMapName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MFSMapName ()

/** @property */
public void set_MFSMapName (String value)
```

JScript

```
public function get MFSMapName () : String

public function set MFSMapName (value : String)
```

## Property Value

The message format services map name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.ReplyToFormat Property

Gets or sets the MQ format name of the reply message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReplyToFormat As String
```

C#

```
public string ReplyToFormat { get; set; }
```

C++

```
public:
property String^ ReplyToFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ReplyToFormat ()

/** @property */
public void set_ReplyToFormat (String value)
```

JScript

```
public function get ReplyToFormat () : String

public function set ReplyToFormat (value : String)
```

## Property Value

The MQ format name of the reply message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.SecurityScope Property

Gets or sets the IMS security processing required.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property SecurityScope As SByte
```

C#

```
public sbyte SecurityScope { get; set; }
```

C++

```
public:
property signed char SecurityScope {
    signed char get ();
    void set (signed char value);
}
```

J#

```
/** @property */
public SByte get_SecurityScope ()

/** @property */
public void set_SecurityScope (SByte value)
```

JScript

```
public function get SecurityScope () : sbyte

public function set SecurityScope (value : sbyte)
```

## Property Value

The IMS security processing required.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqiihHeader.StrucId Property

Gets the identifier for the structure of the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:
property String^ StrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The identifier for the structure of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.StrucIdForThisHeader Property

Gets the identifier of the structure for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The identifier of the structure for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.StrucLength Property

Gets or sets the length of the structure for the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StrucLength As UInteger
```

C#

```
public uint StrucLength { get; set; }
```

C++

```
public:
property unsigned int StrucLength {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_StrucLength ()

/** @property */
public void set_StrucLength (UInt32 value)
```

JScript

```
public function get StrucLength () : uint

public function set StrucLength (value : uint)
```

## Property Value

The length of the structure for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.TranInstanceId Property

Gets or sets the transaction instance identifier for the specified header object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property TranInstanceId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] TranInstanceId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ TranInstanceId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_TranInstanceId ()

/** @property */
public void set_TranInstanceId (byte[] value)
```

JScript

```
public function get TranInstanceId () : byte[]

public function set TranInstanceId (value : byte[])
```

## Property Value

The transaction instance identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.TranState Property

Gets or sets the IMS conversation state.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TranState As SByte
```

C#

```
public sbyte TranState { get; set; }
```

C++

```
public:
property signed char TranState {
    signed char get ();
    void set (signed char value);
}
```

J#

```
/** @property */
public SByte get_TranState ()

/** @property */
public void set_TranState (SByte value)
```

JScript

```
public function get TranState () : sbyte

public function set TranState (value : sbyte)
```

## Property Value

The IMS conversation state.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.Version Property

Gets the version of the [MqiihHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:
property unsigned int Version {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqiihHeader.VersionForThisHeader Property

Gets the value of the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The value of the version for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqiihHeader Class](#)

[MqiihHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class MqmdHeader
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class MqmdHeader : MQHeaderBase, IDisposable
```

C++

```
public ref class MqmdHeader : public MQHeaderBase, IDisposable
```

J#

```
public class MqmdHeader extends MQHeaderBase implements IDisposable
```

JScript

```
public class MqmdHeader extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.MqmdHeader**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader Members

Implements methods that assist headers from the config files.

The following tables list the members exposed by the [MqmdHeader](#) type.

## Public Constructors

Name	Description
<a href="#">MqmdHeader</a>	Initializes a new instance of the <a href="#">MqmdHeader</a> class.




## Top







## Public Properties

Name	Description
 <a href="#">AccountingToken</a>	Gets or sets the value of the accounting token.
 <a href="#">ApplIdentityData</a>	Gets or sets the application data relating to the identity of the <b>MqmdHeader</b> object.
 <a href="#">ApplOriginData</a>	Gets or sets the application data relating to the origin of the <b>MqmdHeader</b> object.
 <a href="#">BackoutCount</a>	Gets or sets the count of the number of times that the message has been previously returned by the MQGET call as part of a unit of work, and subsequently backed out.
 <a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <b>MqmdHeader</b> object.
 <a href="#">CorrelId</a>	Gets or sets a 20-byte application-defined correlation identifier that identifies the message of the <b>MqmdHeader</b> object.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>MqmdHeader</b> object.
 <a href="#">Expiry</a>	Gets or sets the expiry time of the <b>MqmdHeader</b> object.
 <a href="#">Feedback</a>	Gets or sets the feedback or reason code of the <b>MqmdHeader</b> object.
 <a href="#">Format</a>	Gets or sets the format name of the <b>MqmdHeader</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
 <a href="#">GroupId</a>	Gets or sets the identifier for the group of the <b>MqmdHeader</b> object.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the current header.
 <a href="#">MsgFlags</a>	Gets or sets the message flag for the message of the <b>MqmdHeader</b> object.
 <a href="#">MsgId</a>	Gets or sets the message identifier of the <b>MqmdHeader</b> object.
 <a href="#">MsgSeqNumber</a>	Gets or sets the sequence number of logical message for the <b>MqmdHeader</b> object.
 <a href="#">MsgType</a>	Gets the type of the currently indexed message.
 <a href="#">Offset</a>	Gets or sets the offset of data in physical message.
 <a href="#">OriginalLength</a>	Gets or sets the original length of the specified <b>MqmdHeader</b> object.
 <a href="#">Persistence</a>	Gets or sets the message persistence of the <b>MqmdHeader</b> object.
 <a href="#">Priority</a>	Gets or sets the message priority of the <b>MqmdHeader</b> object.
 <a href="#">PutApplName</a>	Gets or sets the name of application that put the message on the <b>MqmdHeader</b> object.
 <a href="#">PutApplType</a>	Gets or sets the type of application that put the message on the <b>MqmdHeader</b> object.
 <a href="#">PutDate</a>	Gets or sets the date when a message was put on the <b>MqmdHeader</b> object.
 <a href="#">PutTime</a>	Gets or sets the time when a message was put on the <b>MqmdHeader</b> object.
 <a href="#">ReplyToQ</a>	Gets or sets the name of reply-to queue of the <b>MqmdHeader</b> object.
 <a href="#">ReplyToQMgr</a>	Gets or sets the name of reply-to queue manager of the <b>MqmdHeader</b> object.
 <a href="#">Report</a>	Gets or sets the report to refer.
 <a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqmdHeader</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the value of the structure identifier for the current header.
 <a href="#">UserIdentifier</a>	Gets or sets the user identifier of the <b>MqmdHeader</b> object.
 <a href="#">Version</a>	Gets the version of the <b>MqmdHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>MqmdHeader</b> class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )

	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

[Top](#)

#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

[Top](#)

See Also

#### Reference

[MqmdHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader Constructor

Initializes a new instance of the [MqmdHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MqmdHeader ()
```

C++

```
public:
MqmdHeader ()
```

J#

```
public MqmdHeader ()
```

JScript

```
public function MqmdHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[MqmdHeader Class](#)

[MqmdHeader Members](#)









[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">MqmdHeader</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[MqmdHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Dispose Method

Releases the resources used by the [MqmdHeader](#) class.

Overload List

Name	Description
<a href="#">MqmdHeader.Dispose ()</a>	Releases all resources used by the current instance of the <b>MqmdHeader</b> class.
<a href="#">MqmdHeader.Dispose (Boolean)</a>	

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Dispose Method ()

Releases all resources used by the current instance of the [MqmdHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.ReadFromStream Method

## Overload List

Name	Description
<a href="#">MqmdHeader.ReadFromStream (Stream)</a>	Reads the Mqmd Header from a specified stream.
<a href="#">MqmdHeader.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader.ReadFromStream Method (Stream)

Reads the Mqmd Header from a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.WriteToStream Method

## Overload List

Name	Description
<a href="#">MqmdHeader.WriteToStream (Stream)</a>	Writes the Mqmd Header to a specified stream.
<a href="#">MqmdHeader.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

### Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.WriteToStream Method (Stream)

Writes the Mqmd Header to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

























[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader Properties

## Public Properties

	Name	Description
	<a href="#">AccountingToken</a>	Gets or sets the value of the accounting token.
	<a href="#">ApplIdentityData</a>	Gets or sets the application data relating to the identity of the <b>MqmdHeader</b> object.
	<a href="#">ApplOriginData</a>	Gets or sets the application data relating to the origin of the <b>MqmdHeader</b> object.
	<a href="#">BackoutCount</a>	Gets or sets the count of the number of times that the message has been previously returned by the MQGET call as part of a unit of work, and subsequently backed out.
	<a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <b>MqmdHeader</b> object.
	<a href="#">CorrelId</a>	Gets or sets a 20-byte application-defined correlation identifier that identifies the message of the <b>MqmdHeader</b> object.
	<a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>MqmdHeader</b> object.
	<a href="#">Expiry</a>	Gets or sets the expiry time of the <b>MqmdHeader</b> object.
	<a href="#">Feedback</a>	Gets or sets the feedback or reason code of the <b>MqmdHeader</b> object.
	<a href="#">Format</a>	Gets or sets the format name of the <b>MqmdHeader</b> object.
	<a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
	<a href="#">GroupId</a>	Gets or sets the identifier for the group of the <b>MqmdHeader</b> object.
	<a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the current header.
	<a href="#">MsgFlags</a>	Gets or sets the message flag for the message of the <b>MqmdHeader</b> object.
	<a href="#">MsgId</a>	Gets or sets the message identifier of the <b>MqmdHeader</b> object.
	<a href="#">MsgSeqNumber</a>	Gets or sets the sequence number of logical message for the <b>MqmdHeader</b> object.
	<a href="#">MsgType</a>	Gets the type of the currently indexed message.
	<a href="#">Offset</a>	Gets or sets the offset of data in physical message.
	<a href="#">OriginalLength</a>	Gets or sets the original length of the specified <b>MqmdHeader</b> object.
	<a href="#">Persistence</a>	Gets or sets the message persistence of the <b>MqmdHeader</b> object.
	<a href="#">Priority</a>	Gets or sets the message priority of the <b>MqmdHeader</b> object.
	<a href="#">PutApplName</a>	Gets or sets the name of application that put the message on the <b>MqmdHeader</b> object.
	<a href="#">PutApplType</a>	Gets or sets the type of application that put the message on the <b>MqmdHeader</b> object.
	<a href="#">PutDate</a>	Gets or sets the date when a message was put on the <b>MqmdHeader</b> object.
	<a href="#">PutTime</a>	Gets or sets the time when a message was put on the <b>MqmdHeader</b> object.
	<a href="#">ReplyToQ</a>	Gets or sets the name of reply-to queue of the <b>MqmdHeader</b> object.
	<a href="#">ReplyToQMgr</a>	Gets or sets the name of reply-to queue manager of the <b>MqmdHeader</b> object.
	<a href="#">Report</a>	Gets or sets the report to refer.
	<a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqmdHeader</b> object.
	<a href="#">StrucIdForThisHeader</a>	Overridden. Gets the value of the structure identifier for the current header.
	<a href="#">UserIdentifier</a>	Gets or sets the user identifier of the <b>MqmdHeader</b> object.
	<a href="#">Version</a>	Gets the version of the <b>MqmdHeader</b> object.
	<a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

See Also

## Reference

[MqmdHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.AccountingToken Property

Gets or sets the value of the accounting token.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property AccountingToken As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] AccountingToken { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ AccountingToken {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_AccountingToken ()

/** @property */
public void set_AccountingToken (byte[] value)
```

JScript

```
public function get AccountingToken () : byte[]

public function set AccountingToken (value : byte[])
```

## Property Value

The accounting token.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.ApplIdentityData Property

Gets or sets the application data relating to the identity of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ApplIdentityData As String
```

C#

```
public string ApplIdentityData { get; set; }
```

C++

```
public:
property String^ ApplIdentityData {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ApplIdentityData ()

/** @property */
public void set_ApplIdentityData (String value)
```

JScript

```
public function get ApplIdentityData () : String

public function set ApplIdentityData (value : String)
```

## Property Value

The application data relating to the identity of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.ApplOriginData Property

Gets or sets the application data relating to the origin of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ApplOriginData As String
```

C#

```
public string ApplOriginData { get; set; }
```

C++

```
public:
property String^ ApplOriginData {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ApplOriginData ()

/** @property */
public void set_ApplOriginData (String value)
```

JScript

```
public function get ApplOriginData () : String

public function set ApplOriginData (value : String)
```

## Property Value

The application data relating to the origin of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.BackoutCount Property

Gets or sets the count of the number of times that the message has been previously returned by the MQGET call as part of a unit of work, and subsequently backed out.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property BackoutCount As UInteger
```

C#

```
public uint BackoutCount { get; set; }
```

C++

```
public:
property unsigned int BackoutCount {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_BackoutCount ()

/** @property */
public void set_BackoutCount (UInt32 value)
```

JScript

```
public function get BackoutCount () : uint

public function set BackoutCount (value : uint)
```

## Property Value

The count of the number of times that the message has been previously returned.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader.CodedCharSetId Property

Gets or sets the coded character set identifier of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodedCharSetId As UInteger
```

C#

```
public uint CodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int CodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CodedCharSetId ()

/** @property */
public void set_CodedCharSetId (UInt32 value)
```

JScript

```
public function get CodedCharSetId () : uint

public function set CodedCharSetId (value : uint)
```

## Property Value

The coded character set identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.CorrelId Property

Gets or sets a 20-byte application-defined correlation identifier that identifies the message of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property CorrelId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] CorrelId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ CorrelId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_CorrelId ()

/** @property */
public void set_CorrelId (byte[] value)
```

JScript

```
public function get CorrelId () : byte[]

public function set CorrelId (value : byte[])
```

## Property Value

A 20-byte application-defined correlation identifier that identifies the message of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Encoding Property

Gets or sets the numeric encoding of data that follows the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Encoding As UIntInteger
```

C#

```
public uint Encoding { get; set; }
```

C++

```
public:
property unsigned int Encoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Encoding ()

/** @property */
public void set_Encoding (UInt32 value)
```

JScript

```
public function get Encoding () : uint

public function set Encoding (value : uint)
```

## Property Value

The numeric encoding of data that follows the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Expiry Property

Gets or sets the expiry time of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Expiry As UInteger
```

C#

```
public uint Expiry { get; set; }
```

C++

```
public:
property unsigned int Expiry {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Expiry ()

/** @property */
public void set_Expiry (UInt32 value)
```

JScript

```
public function get Expiry () : uint

public function set Expiry (value : uint)
```

## Property Value

The expiry time of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Feedback Property

Gets or sets the feedback or reason code of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Feedback As UIntInteger
```

C#

```
public uint Feedback { get; set; }
```

C++

```
public:
property unsigned int Feedback {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Feedback ()

/** @property */
public void set_Feedback (UInt32 value)
```

JScript

```
public function get Feedback () : uint

public function set Feedback (value : uint)
```

## Property Value

The feedback or reason code of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Format Property

Gets or sets the format name of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Format As String
```

C#

```
public string Format { get; set; }
```

C++

```
public:
property String^ Format {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Format ()

/** @property */
public void set_Format (String value)
```

JScript

```
public function get Format () : String

public function set Format (value : String)
```

## Property Value

The format name of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.FormatStringForThisHeader Property

Gets the specified value to format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:
virtual property String^ FormatStringForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The value of the specified object to format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.FormatStringOfNextHeader Property

Gets or sets the specified value to format for the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The value of the specified object to format.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader.GroupId Property

Gets or sets the identifier for the group of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property GroupId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] GroupId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ GroupId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_GroupId ()

/** @property */
public void set_GroupId (byte[] value)
```

JScript

```
public function get GroupId () : byte[]

public function set GroupId (value : byte[])
```

## Property Value

The identifier for the group of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.HeaderNameForThisHeader Property

Gets the name of the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The value of the name of the current header.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.MsgFlags Property

Gets or sets the message flag for the message of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgFlags As UInteger
```

C#

```
public uint MsgFlags { get; set; }
```

C++

```
public:
property unsigned int MsgFlags {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgFlags ()

/** @property */
public void set_MsgFlags (UInt32 value)
```

JScript

```
public function get MsgFlags () : uint

public function set MsgFlags (value : uint)
```

## Property Value

The message flag for the message of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.MsgId Property

Gets or sets the message identifier of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property MsgId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] MsgId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ MsgId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_MsgId ()

/** @property */
public void set_MsgId (byte[] value)
```

JScript

```
public function get MsgId () : byte[]

public function set MsgId (value : byte[])
```

## Property Value

The message identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.MsgSeqNumber Property

Gets or sets the sequence number of logical message for the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgSeqNumber As UInteger
```

C#

```
public uint MsgSeqNumber { get; set; }
```

C++

```
public:
property unsigned int MsgSeqNumber {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgSeqNumber ()

/** @property */
public void set_MsgSeqNumber (UInt32 value)
```

JScript

```
public function get MsgSeqNumber () : uint

public function set MsgSeqNumber (value : uint)
```

## Property Value

The sequence number of logical message for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.MsgType Property

Gets the type of the currently indexed message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgType As UInteger
```

C#

```
public uint MsgType { get; set; }
```

C++

```
public:
property unsigned int MsgType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgType ()

/** @property */
public void set_MsgType (UInt32 value)
```

JScript

```
public function get MsgType () : uint

public function set MsgType (value : uint)
```

## Property Value

The value of the type of the currently indexed message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Offset Property

Gets or sets the offset of data in physical message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Offset As UInteger
```

C#

```
public uint Offset { get; set; }
```

C++

```
public:
property unsigned int Offset {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Offset ()

/** @property */
public void set_Offset (UInt32 value)
```

JScript

```
public function get Offset () : uint

public function set Offset (value : uint)
```

## Property Value

The offset of data in physical message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.OriginalLength Property

Gets or sets the original length of the specified [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property OriginalLength As UInteger
```

C#

```
public uint OriginalLength { get; set; }
```

C++

```
public:
property unsigned int OriginalLength {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_OriginalLength ()

/** @property */
public void set_OriginalLength (UInt32 value)
```

JScript

```
public function get OriginalLength () : uint

public function set OriginalLength (value : uint)
```

## Property Value

The original length of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader.Persistence Property

Gets or sets the message persistence of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Persistence As UInteger
```

C#

```
public uint Persistence { get; set; }
```

C++

```
public:
property unsigned int Persistence {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Persistence ()

/** @property */
public void set_Persistence (UInt32 value)
```

JScript

```
public function get Persistence () : uint

public function set Persistence (value : uint)
```

## Property Value

The message persistence of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Priority Property

Gets or sets the message priority of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Priority As UInteger
```

C#

```
public uint Priority { get; set; }
```

C++

```
public:
property unsigned int Priority {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Priority ()

/** @property */
public void set_Priority (UInt32 value)
```

JScript

```
public function get Priority () : uint

public function set Priority (value : uint)
```

## Property Value

The message priority of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.PutAppName Property

Gets or sets the name of application that put the message on the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutAppName As String
```

C#

```
public string PutAppName { get; set; }
```

C++

```
public:
property String^ PutAppName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutAppName ()

/** @property */
public void set_PutAppName (String value)
```

JScript

```
public function get PutAppName () : String

public function set PutAppName (value : String)
```

## Property Value

The name of application that put the message on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.PutApplType Property

Gets or sets the type of application that put the message on the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutApplType As UInteger
```

C#

```
public uint PutApplType { get; set; }
```

C++

```
public:
property unsigned int PutApplType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_PutApplType ()

/** @property */
public void set_PutApplType (UInt32 value)
```

JScript

```
public function get PutApplType () : uint

public function set PutApplType (value : uint)
```

## Property Value

The type of application that put the message on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.PutDate Property

Gets or sets the date when a message was put on the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutDate As String
```

C#

```
public string PutDate { get; set; }
```

C++

```
public:
property String^ PutDate {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutDate ()

/** @property */
public void set_PutDate (String value)
```

JScript

```
public function get PutDate () : String

public function set PutDate (value : String)
```

## Property Value

The date when a message was put on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.PutTime Property

Gets or sets the time when a message was put on the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property PutTime As String
```

C#

```
public string PutTime { get; set; }
```

C++

```
public:
property String^ PutTime {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_PutTime ()

/** @property */
public void set_PutTime (String value)
```

JScript

```
public function get PutTime () : String

public function set PutTime (value : String)
```

## Property Value

The time when a message was put on the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.ReplyToQ Property

Gets or sets the name of reply-to queue of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReplyToQ As String
```

C#

```
public string ReplyToQ { get; set; }
```

C++

```
public:
property String^ ReplyToQ {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ReplyToQ ()

/** @property */
public void set_ReplyToQ (String value)
```

JScript

```
public function get ReplyToQ () : String

public function set ReplyToQ (value : String)
```

## Property Value

The name of reply-to queue of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.ReplyToQMgr Property

Gets or sets the name of reply-to queue manager of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReplyToQMgr As String
```

C#

```
public string ReplyToQMgr { get; set; }
```

C++

```
public:
property String^ ReplyToQMgr {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ReplyToQMgr ()

/** @property */
public void set_ReplyToQMgr (String value)
```

JScript

```
public function get ReplyToQMgr () : String

public function set ReplyToQMgr (value : String)
```

## Property Value

The name of reply-to queue manager of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqmdHeader.Report Property

Gets or sets the report to refer.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Report As UInteger
```

C#

```
public uint Report { get; set; }
```

C++

```
public:
property unsigned int Report {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Report ()

/** @property */
public void set_Report (UInt32 value)
```

JScript

```
public function get Report () : uint

public function set Report (value : uint)
```

## Property Value

A number that represents the object to report.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.StrucId Property

Gets the identifier for the structure of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:
property String^ StrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The identifier for the structure of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.StrucIdForThisHeader Property

Gets the value of the structure identifier for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The structure identifier for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.UserIdentifier Property

Gets or sets the user identifier of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UserIdentifier As String
```

C#

```
public string UserIdentifier { get; set; }
```

C++

```
public:
property String^ UserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_UserIdentifier ()

/** @property */
public void set_UserIdentifier (String value)
```

JScript

```
public function get UserIdentifier () : String

public function set UserIdentifier (value : String)
```

## Property Value

The user identifier of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.Version Property

Gets the version of the [MqmdHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:
property unsigned int Version {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqmdHeader.VersionForThisHeader Property

Gets the value of the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The value of the version for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqmdHeader Class](#)

[MqmdHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class Mqrfh2Header
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class Mqrfh2Header : MQHeaderBase, IDisposable
```

C++

```
public ref class Mqrfh2Header : public MQHeaderBase, IDisposable
```

J#

```
public class Mqrfh2Header extends MQHeaderBase implements IDisposable
```

JScript

```
public class Mqrfh2Header extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.Mqrfh2Header**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header Members

Implements methods that assist headers from the config files.















The following tables list the members exposed by the [Mqrfh2Header](#) type.

## Public Constructors

Name	Description
<a href="#">Mqrfh2Header</a>	Initializes a new instance of the <a href="#">Mqrfh2Header</a> class.









## Top

## Public Properties

Name	Description
 <a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <b>Mqrfh2Header</b> object.
 <a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>Mqrfh2Header</b> object.
 <a href="#">Flags</a>	Gets or sets the flags used for the <b>Mqrfh2Header</b> object.
 <a href="#">Format</a>	Gets or sets the format name of the <b>Mqrfh2Header</b> object.
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
 <a href="#">NameValueCCSID</a>	Gets or sets the name value of the character code set identifier (CCSID).
 <a href="#">NameValueData</a>	Gets or sets the name value of the specified data.
 <a href="#">StrucId</a>	Gets the structure identifier for the <b>Mqrfh2Header</b> object.
 <a href="#">StrucIdForThisHeader</a>	Overridden. Gets the structure identifier for the current header.
 <a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>Mqrfh2Header</b> object.
 <a href="#">Version</a>	Gets the version of the <b>Mqrfh2Header</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.









## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>Mqrfh2Header</b> class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. Overridden.
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 <a href="#">WriteToStream</a>	Overloaded. Overridden.

## Top

## Protected Methods

Name	Description
 <a href="#">Dispose</a>	Overloaded.
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
 <a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

## Top

See Also

## Reference

[Mqrfh2Header Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# Mqrfh2Header Constructor

Initializes a new instance of the [Mqrfh2Header](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public Mqrfh2Header ()
```

C++

```
public:
Mqrfh2Header ()
```

J#

```
public Mqrfh2Header ()
```

JScript

```
public function Mqrfh2Header ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)









[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">Mqrfh2Header</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[Mqrfh2Header Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Dispose Method

Releases the resources used by the [Mqrfh2Header](#) class.

Overload List

Name	Description
<a href="#">Mqrfh2Header.Dispose ()</a>	Releases all resources used by the current instance of the <b>Mqrfh2Header</b> class.
<a href="#">Mqrfh2Header.Dispose (Boolean)</a>	

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Dispose Method ()

Releases all resources used by the current instance of the [Mqrfh2Header](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.ReadFromStream Method

## Overload List

Name	Description
<a href="#">Mqrfh2Header.ReadFromStream (Stream)</a>	Reads the data of the <a href="#">Mqrfh2Header</a> object from the given stream.
<a href="#">Mqrfh2Header.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.ReadFromStream Method (Stream)

Reads the data of the [Mqrfh2Header](#) object from the given stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The data to be read.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.WriteToStream Method

## Overload List

Name	Description
<a href="#">Mqrfh2Header.WriteToStream (Stream)</a>	Writes the message of the <a href="#">Mqrfh2Header</a> object to a specified stream.
<a href="#">Mqrfh2Header.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

### Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# Mqrfh2Header.WriteToStream Method (Stream)

Writes the message of the **Mqrfh2Header** object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the [Mqrfh2Header](#) object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header Properties

## Public Properties

	Name	Description
	<a href="#">CodedCharSetId</a>	Gets or sets the coded character set identifier of the <a href="#">Mqrfh2Header</a> object.
	<a href="#">Encoding</a>	Gets or sets the numeric encoding of data that follows the <b>Mqrfh2Header</b> object.
	<a href="#">Flags</a>	Gets or sets the flags used for the <b>Mqrfh2Header</b> object.
	<a href="#">Format</a>	Gets or sets the format name of the <b>Mqrfh2Header</b> object.
	<a href="#">FormatStringForThisHeader</a>	Overridden. Gets the specified value to format for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the specified value to format for the next header.
	<a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
	<a href="#">NameValueCCSID</a>	Gets or sets the name value of the character code set identifier (CCSID).
	<a href="#">NameValueData</a>	Gets or sets the name value of the specified data.
	<a href="#">StrucId</a>	Gets the structure identifier for the <b>Mqrfh2Header</b> object.
	<a href="#">StrucIdForThisHeader</a>	Overridden. Gets the structure identifier for the current header.
	<a href="#">StrucLength</a>	Gets or sets the length of the structure for the <b>Mqrfh2Header</b> object.
	<a href="#">Version</a>	Gets the version of the <b>Mqrfh2Header</b> object.
	<a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

See Also

### Reference

[Mqrfh2Header Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.CodedCharSetId Property

Gets or sets the coded character set identifier of the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property CodedCharSetId As UInteger
```

C#

```
public uint CodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int CodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_CodedCharSetId ()

/** @property */
public void set_CodedCharSetId (UInt32 value)
```

JScript

```
public function get CodedCharSetId () : uint

public function set CodedCharSetId (value : uint)
```

## Property Value

The coded character set identifier of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Encoding Property

Gets or sets the numeric encoding of data that follows the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Encoding As UIntInteger
```

C#

```
public uint Encoding { get; set; }
```

C++

```
public:
property unsigned int Encoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Encoding ()

/** @property */
public void set_Encoding (UInt32 value)
```

JScript

```
public function get Encoding () : uint

public function set Encoding (value : uint)
```

## Property Value

The numeric encoding of data that follows the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Flags Property

Gets or sets the flags used for the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Flags As UInteger
```

C#

```
public uint Flags { get; set; }
```

C++

```
public:
property unsigned int Flags {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_Flags ()

/** @property */
public void set_Flags (UInt32 value)
```

JScript

```
public function get Flags () : uint

public function set Flags (value : uint)
```

## Property Value

The flags used for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Format Property

Gets or sets the format name of the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Format As String
```

C#

```
public string Format { get; set; }
```

C++

```
public:
property String^ Format {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_Format ()

/** @property */
public void set_Format (String value)
```

JScript

```
public function get Format () : String

public function set Format (value : String)
```

## Property Value

The format name of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.FormatStringForThisHeader Property

Gets the specified value to format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:
virtual property String^ FormatStringForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The value of the specified object to format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.FormatStringOfNextHeader Property

Gets or sets the specified value to format for the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The value of the specified object to format.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# Mqrfh2Header.HeaderNameForThisHeader Property

Gets the name of the header for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The name of the header for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.NameValueCCSID Property

Gets or sets the name value of the character code set identifier (CCSID).

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property NameValueCCSID As UInteger
```

C#

```
public uint NameValueCCSID { get; set; }
```

C++

```
public:
property unsigned int NameValueCCSID {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_NameValueCCSID ()

/** @property */
public void set_NameValueCCSID (UInt32 value)
```

JScript

```
public function get NameValueCCSID () : uint

public function set NameValueCCSID (value : uint)
```

## Property Value

A number that represents the value of the CCSID.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.NameValueData Property

Gets or sets the name value of the specified data.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property NameValueData As String()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public string[] NameValueData { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<String^>^ NameValueData {
array<String^>^ get ();
void set (array<String^>^ __set_formal);
}
```

J#

```
/** @property */
public String[] get_NameValueData ()

/** @property */
public void set_NameValueData (String[] __set_formal)
```

JScript

```
public function get NameValueData () : String[]

public function set NameValueData (__set_formal : String[])
```

## Property Value

The name value of the specified data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.StrucId Property

Gets the structure identifier for the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:
property String^ StrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The structure identifier for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.StrucIdForThisHeader Property

Gets the structure identifier for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The structure identifier for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.StrucLength Property

Gets or sets the length of the structure for the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property StrucLength As UInteger
```

C#

```
public uint StrucLength { get; set; }
```

C++

```
public:
property unsigned int StrucLength {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_StrucLength ()

/** @property */
public void set_StrucLength (UInt32 value)
```

JScript

```
public function get StrucLength () : uint

public function set StrucLength (value : uint)
```

## Property Value

The length of the structure for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.Version Property

Gets the version of the [Mqrfh2Header](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:
property unsigned int Version {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# Mqrfh2Header.VersionForThisHeader Property

Gets the value of the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The value of the version for the current header.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

### Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

### Target Platforms

See Also

### Reference

[Mqrfh2Header Class](#)

[Mqrfh2Header Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MQTrace Class

Exposes methods that assist in tracing.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)  
**System.ServiceModel.Channels.WebSphereMQ.MQTrace**

Syntax  
C#

```
public static class MQTrace
```

C++

```
public ref class MQTrace abstract sealed
```








F#

```
[<AbstractClass>]  
[<Sealed>]  
type MQTrace = class end
```

VB

```
Public NotInheritable Class MQTrace
```

Methods

	Name	Description
	<a href="#">GetTracingInstance()</a>	Indicates the tracing instance to get.
	<a href="#">TraceEnter(String)</a>	Traces the object entered.
	<a href="#">TraceError(String)</a>	Writes an error message to the trace listeners using the specified message.
	<a href="#">TraceExit(String)</a>	Indicates the value of the object to exit.
	<a href="#">TraceInfo(String)</a>	Indicates the information about the tracing process.
	<a href="#">TraceVerbose(String)</a>	Indicates all the messages.
	<a href="#">TraceWarning(String)</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





















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# MQTrace Members

Exposes methods that assist in tracing.



The following tables list the members exposed by the [MQTrace](#) type.

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">GetTracingInstance</a>	Indicates the tracing instance to get.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">TraceEnter</a>	Traces the object entered.
 	<a href="#">TraceError</a>	Writes an error message to the trace listeners using the specified message.
 	<a href="#">TraceExit</a>	Indicates the value of the object to exit.
 	<a href="#">TraceInfo</a>	Indicates the information about the tracing process.
 	<a href="#">TraceVerbose</a>	Indicates all the messages.
 	<a href="#">TraceWarning</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also





















## Reference

[MQTrace Class](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">GetTracingInstance</a>	Indicates the tracing instance to get.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">TraceEnter</a>	Traces the object entered.
 	<a href="#">TraceError</a>	Writes an error message to the trace listeners using the specified message.
 	<a href="#">TraceExit</a>	Indicates the value of the object to exit.
 	<a href="#">TraceInfo</a>	Indicates the information about the tracing process.
 	<a href="#">TraceVerbose</a>	Indicates all the messages.
 	<a href="#">TraceWarning</a>	Writes a warning message to the trace listeners in the Listeners collection using the specified message.

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[MQTrace Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.GetTracingInstance Method

Indicates the tracing instance to get.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function GetTracingInstance As IMQTracing
```

C#

```
public static IMQTracing GetTracingInstance ()
```

C++

```
public:
static IMQTracing^ GetTracingInstance ()
```

J#

```
public static IMQTracing GetTracingInstance ()
```

JScript

```
public static function GetTracingInstance () : IMQTracing
```

## Return Value

The tracing instance.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.TraceEnter Method

Traces the object entered.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceEnter ( _
    value As String _
)
```

C#

```
public static void TraceEnter (
    string value
)
```

C++

```
public:
static void TraceEnter (
    String^ value
)
```

J#

```
public static void TraceEnter (
    String value
)
```

JScript

```
public static function TraceEnter (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.TraceError Method

Writes an error message to the trace listeners using the specified message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceError ( _
    value As String _
)
```

C#

```
public static void TraceError (
    string value
)
```

C++

```
public:
static void TraceError (
    String^ value
)
```

J#

```
public static void TraceError (
    String value
)
```

JScript

```
public static function TraceError (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.TraceExit Method

Indicates the value of the object to exit.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceExit ( _
    value As String _
)
```

C#

```
public static void TraceExit (
    string value
)
```

C++

```
public:
static void TraceExit (
    String^ value
)
```

J#

```
public static void TraceExit (
    String value
)
```

JScript

```
public static function TraceExit (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.TraceInfo Method

Indicates the information about the tracing process.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceInfo ( _
    value As String _
)
```

C#

```
public static void TraceInfo (
    string value
)
```

C++

```
public:
static void TraceInfo (
    String^ value
)
```

J#

```
public static void TraceInfo (
    String value
)
```

JScript

```
public static function TraceInfo (
    value : String
)
```

## Parameters

value

The value of the traced object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MQTrace.TraceVerbose Method

Indicates all the messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceVerbose ( _
    value As String _
)
```

C#

```
public static void TraceVerbose (
    string value
)
```

C++

```
public:
static void TraceVerbose (
    String^ value
)
```

J#

```
public static void TraceVerbose (
    String value
)
```

JScript

```
public static function TraceVerbose (
    value : String
)
```

## Parameters

value

The value of the message.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MQTrace.TraceWarning Method

Writes a warning message to the trace listeners in the Listeners collection using the specified message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Sub TraceWarning ( _
    value As String _
)
```

C#

```
public static void TraceWarning (
    string value
)
```

C++

```
public:
static void TraceWarning (
    String^ value
)
```

J#

```
public static void TraceWarning (
    String value
)
```

JScript

```
public static function TraceWarning (
    value : String
)
```

## Parameters

value

The value of the object to trace.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MQTrace Class](#)

[MQTrace Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader Class

Implements methods that assist headers from the config files.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Class MqxqhHeader
    Inherits MQHeaderBase
    Implements IDisposable
```

C#

```
public class MqxqhHeader : MQHeaderBase, IDisposable
```

C++

```
public ref class MqxqhHeader : public MQHeaderBase, IDisposable
```

J#

```
public class MqxqhHeader extends MQHeaderBase implements IDisposable
```

JScript

```
public class MqxqhHeader extends MQHeaderBase implements IDisposable
```

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.WebSphereMQ.MQHeaderBase](#)

**System.ServiceModel.Channels.WebSphereMQ.MqxqhHeader**

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader Members

Implements methods that assist headers from the config files.


























The following tables list the members exposed by the [MqxqhHeader](#) type.

## Public Constructors

Name	Description
<a href="#">MqxqhHeader</a>	Initializes a new instance of the <a href="#">MqxqhHeader</a> class.






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


## Public Properties

Name	Description
 <a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
 <a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
 <a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
 <a href="#">MsgDescAccountingToken</a>	Gets or sets the message descriptor accounting token for the transmission queue header.
 <a href="#">MsgDescApplIdentityData</a>	Gets or sets the application data relating to identity of the transmission queue header.
 <a href="#">MsgDescApplOriginData</a>	Gets or sets the application data relating to the origin of the transmission queue header.
 <a href="#">MsgDescBackoutCount</a>	Gets or sets the back out counter of the transmission queue header.
 <a href="#">MsgDescCodedCharSetId</a>	Gets or sets the character set identifier of message data of the transmission queue header.
 <a href="#">MsgDescCorrelId</a>	Gets or sets the correlation identifier of the transmission queue header.
 <a href="#">MsgDescEncoding</a>	Gets or sets the encoding of message data for the transmission queue header.
 <a href="#">MsgDescExpiry</a>	Gets or sets the expiry time of the transmission queue header.
 <a href="#">MsgDescFeedback</a>	Gets or sets the feedback or reason code for the transmission queue header.
 <a href="#">MsgDescFormat</a>	Gets or sets the format name of the message data for the transmission queue header.
 <a href="#">MsgDescMsgId</a>	Gets or sets the message identifier for the transmission queue header.
 <a href="#">MsgDescMsgType</a>	Gets or sets the message type for the transmission queue header.
 <a href="#">MsgDescPersistence</a>	Gets or sets the message persistence for the transmission queue header.
 <a href="#">MsgDescPriority</a>	Gets or sets the message priority for the transmission queue header.
 <a href="#">MsgDescPutApplName</a>	Gets or sets the name of the application that put the message for the transmission queue header.
 <a href="#">MsgDescPutApplType</a>	Gets or sets the type of the application for the transmission queue header.
 <a href="#">MsgDescPutDate</a>	Gets or sets the date when the message was put.
 <a href="#">MsgDescPutTime</a>	Gets or sets the time when message was put.
 <a href="#">MsgDescReplyToQ</a>	Gets or sets the name of reply to queue for the transmission queue header.
 <a href="#">MsgDescReplyToQMgr</a>	Gets or sets the name of reply queue manager.
 <a href="#">MsgDescReport</a>	Gets or sets the report options for the transmission queue header.
 <a href="#">MsgDescStruId</a>	Gets the structure identifier for the transmission queue header.
 <a href="#">MsgDescUserIdentifier</a>	Gets or sets the user identifier for the transmission queue header.
 <a href="#">MsgDescVersion</a>	Gets the structure version number for the transmission queue header.
 <a href="#">RemoteQMgrName</a>	Gets or sets the name of the remote queue manager of the <b>MqxqhHeader</b> object.
 <a href="#">RemoteQName</a>	Gets or sets the name of the remote queue of the <b>MqxqhHeader</b> object.
 <a href="#">StruId</a>	Gets the identifier for the structure of the <b>MqxqhHeader</b> object.
 <a href="#">StruIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
 <a href="#">Version</a>	Gets the version of the <b>MqxqhHeader</b> object.
 <a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

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## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Dispose</a>	Overloaded. Releases the resources used by the <b>MqxqhHeader</b> class.
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReadFromStream</a>	Overloaded. Overridden.

 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

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#### Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

[Top](#)

See Also

#### Reference

[MqxqhHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader Constructor

Initializes a new instance of the [MqxqhHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public MqxqhHeader ()
```

C++

```
public:
MqxqhHeader ()
```

J#

```
public MqxqhHeader ()
```

JScript

```
public function MqxqhHeader ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[MqxqhHeader Class](#)

[MqxqhHeader Members](#)









[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Dispose</a>	Overloaded. Releases the resources used by the <a href="#">MqxqhHeader</a> class.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. Overridden.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )
	<a href="#">WriteToStream</a>	Overloaded. Overridden.

Protected Methods

	Name	Description
	<a href="#">Dispose</a>	Overloaded.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ReadFromStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">ReadStringFromField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteSecureStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteStringToField</a>	(inherited from <a href="#">MQHeaderBase</a> )
	<a href="#">WriteToStream</a>	Overloaded. (inherited from <a href="#">MQHeaderBase</a> )

See Also

## Reference

[MqxqhHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.Dispose Method

Releases the resources used by the [MqxqhHeader](#) class.

Overload List

Name	Description
<a href="#">MqxqhHeader.Dispose ()</a>	Releases all resources used by the current instance of the <b>MqxqhHeader</b> class.
<a href="#">MqxqhHeader.Dispose (Boolean)</a>	

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqxqhHeader.Dispose Method ()

Releases all resources used by the current instance of the [MqxqhHeader](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub Dispose
```

C#

```
public void Dispose ()
```

C++

```
public:  
virtual void Dispose () sealed
```

J#

```
public final void Dispose ()
```

JScript

```
public final function Dispose ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.Dispose Method (Boolean)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub Dispose ( _
    As Boolean _
)
```

C#

```
protected virtual void Dispose (
    bool
)
```

C++

```
protected:
virtual void Dispose (
    bool
)
```

J#

```
protected void Dispose (
    boolean
)
```

JScript

```
protected function Dispose (
    : boolean
)
```

## Parameters

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.ReadFromStream Method

## Overload List

Name	Description
<a href="#">MqxqhHeader.ReadFromStream (Stream)</a>	Reads the header object from the specified stream.
<a href="#">MqxqhHeader.ReadFromStream (Stream, Byte*, Int32)</a>	

See Also

### Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.ReadFromStream Method (Stream)

Reads the header object from the specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ReadFromStream ( _
    stream As Stream _
)
```

C#

```
public override void ReadFromStream (
    Stream stream
)
```

C++

```
public:
virtual void ReadFromStream (
    Stream^ stream
) override
```

J#

```
public void ReadFromStream (
    Stream stream
)
```

JScript

```
public override function ReadFromStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the package.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.WriteToStream Method

## Overload List

Name	Description
<a href="#">MqxqhHeader.WriteToStream (Stream)</a>	Writes the message of the <a href="#">MqxqhHeader</a> object to a specified stream.
<a href="#">MqxqhHeader.WriteToStream (Byte*, Int32, Stream)</a>	

See Also

### Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.WriteToStream Method (Stream)

Writes the message of the **MqxqhHeader** object to a specified stream.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub WriteToStream ( _
    stream As Stream _
)
```

C#

```
public override void WriteToStream (
    Stream stream
)
```

C++

```
public:
virtual void WriteToStream (
    Stream^ stream
) override
```

J#

```
public void WriteToStream (
    Stream stream
)
```

JScript

```
public override function WriteToStream (
    stream : Stream
)
```

## Parameters

stream

The stream that receives the serialized contents of the [MqxqhHeader](#) object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

































[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader Properties

## Public Properties

	Name	Description
	<a href="#">FormatStringForThisHeader</a>	Overridden. Gets the string that specifies the display format for the current header.
	<a href="#">FormatStringOfNextHeader</a>	Overridden. Gets or sets the string that specifies the display format of the next header.
	<a href="#">HeaderNameForThisHeader</a>	Overridden. Gets the name of the header for the current header.
	<a href="#">MsgDescAccountingToken</a>	Gets or sets the message descriptor accounting token for the transmission queue header.
	<a href="#">MsgDescApplIdentityData</a>	Gets or sets the application data relating to identity of the transmission queue header.
	<a href="#">MsgDescApplOriginData</a>	Gets or sets the application data relating to the origin of the transmission queue header.
	<a href="#">MsgDescBackoutCount</a>	Gets or sets the back out counter of the transmission queue header.
	<a href="#">MsgDescCodedCharSetId</a>	Gets or sets the character set identifier of message data of the transmission queue header.
	<a href="#">MsgDescCorrelId</a>	Gets or sets the correlation identifier of the transmission queue header.
	<a href="#">MsgDescEncoding</a>	Gets or sets the encoding of message data for the transmission queue header.
	<a href="#">MsgDescExpiry</a>	Gets or sets the expiry time of the transmission queue header.
	<a href="#">MsgDescFeedback</a>	Gets or sets the feedback or reason code for the transmission queue header.
	<a href="#">MsgDescFormat</a>	Gets or sets the format name of the message data for the transmission queue header.
	<a href="#">MsgDescMsgId</a>	Gets or sets the message identifier for the transmission queue header.
	<a href="#">MsgDescMsgType</a>	Gets or sets the message type for the transmission queue header.
	<a href="#">MsgDescPersistence</a>	Gets or sets the message persistence for the transmission queue header.
	<a href="#">MsgDescPriority</a>	Gets or sets the message priority for the transmission queue header.
	<a href="#">MsgDescPutApplName</a>	Gets or sets the name of the application that put the message for the transmission queue header.
	<a href="#">MsgDescPutApplType</a>	Gets or sets the type of the application for the transmission queue header.
	<a href="#">MsgDescPutDate</a>	Gets or sets the date when the message was put.
	<a href="#">MsgDescPutTime</a>	Gets or sets the time when message was put.
	<a href="#">MsgDescReplyToQ</a>	Gets or sets the name of reply to queue for the transmission queue header.
	<a href="#">MsgDescReplyToQMgr</a>	Gets or sets the name of reply queue manager.
	<a href="#">MsgDescReport</a>	Gets or sets the report options for the transmission queue header.
	<a href="#">MsgDescStrucId</a>	Gets the structure identifier for the transmission queue header.
	<a href="#">MsgDescUserIdentifier</a>	Gets or sets the user identifier for the transmission queue header.
	<a href="#">MsgDescVersion</a>	Gets the structure version number for the transmission queue header.
	<a href="#">RemoteQMgrName</a>	Gets or sets the name of the remote queue manager of the <a href="#">MqxqhHeader</a> object.
	<a href="#">RemoteQName</a>	Gets or sets the name of the remote queue of the <b>MqxqhHeader</b> object.
	<a href="#">StrucId</a>	Gets the identifier for the structure of the <b>MqxqhHeader</b> object.
	<a href="#">StrucIdForThisHeader</a>	Overridden. Gets the identifier of the structure for the current header.
	<a href="#">Version</a>	Gets the version of the <b>MqxqhHeader</b> object.
	<a href="#">VersionForThisHeader</a>	Overridden. Gets the value of the version for the current header.

See Also

## Reference

[MqxqhHeader Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.FormatStringForThisHeader Property

Gets the string that specifies the display format for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration  
Public Overrides ReadOnly Property FormatStringForThisHeader As String
```

C#

```
public override string FormatStringForThisHeader { get; }
```

C++

```
public:  
virtual property String^ FormatStringForThisHeader {  
    String^ get () override;  
}
```

J#

```
/** @property */  
public String get_FormatStringForThisHeader ()
```

JScript

```
public override function get FormatStringForThisHeader () : String
```

## Property Value

The string that specifies the display format for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqxqhHeader.FormatStringOfNextHeader Property

Gets or sets the string that specifies the display format of the next header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Property FormatStringOfNextHeader As String
```

C#

```
public override string FormatStringOfNextHeader { get; set; }
```

C++

```
public:
virtual property String^ FormatStringOfNextHeader {
    String^ get () override;
    void set (String^ value) override;
}
```

J#

```
/** @property */
public String get_FormatStringOfNextHeader ()

/** @property */
public void set_FormatStringOfNextHeader (String value)
```

JScript

```
public override function get FormatStringOfNextHeader () : String

public override function set FormatStringOfNextHeader (value : String)
```

## Property Value

The string that specifies the display format of the next header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.HeaderNameForThisHeader Property

Gets the name of the header for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property HeaderNameForThisHeader As String
```

C#

```
public override string HeaderNameForThisHeader { get; }
```

C++

```
public:
virtual property String^ HeaderNameForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_HeaderNameForThisHeader ()
```

JScript

```
public override function get HeaderNameForThisHeader () : String
```

## Property Value

The name of the header for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescAccountingToken Property

Gets or sets the message descriptor accounting token for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property MsgDescAccountingToken As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] MsgDescAccountingToken { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ MsgDescAccountingToken {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_MsgDescAccountingToken ()

/** @property */
public void set_MsgDescAccountingToken (byte[] value)
```

JScript

```
public function get MsgDescAccountingToken () : byte[]

public function set MsgDescAccountingToken (value : byte[])
```

## Property Value

The message descriptor accounting token.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescApplIdentityData Property

Gets or sets the application data relating to identity of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescApplIdentityData As String
```

C#

```
public string MsgDescApplIdentityData { get; set; }
```

C++

```
public:
property String^ MsgDescApplIdentityData {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescApplIdentityData ()

/** @property */
public void set_MsgDescApplIdentityData (String value)
```

JScript

```
public function get MsgDescApplIdentityData () : String

public function set MsgDescApplIdentityData (value : String)
```

## Property Value

The application data relating to identity of the specific header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescApplOriginData Property

Gets or sets the application data relating to the origin of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescApplOriginData As String
```

C#

```
public string MsgDescApplOriginData { get; set; }
```

C++

```
public:
property String^ MsgDescApplOriginData {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescApplOriginData ()

/** @property */
public void set_MsgDescApplOriginData (String value)
```

JScript

```
public function get MsgDescApplOriginData () : String

public function set MsgDescApplOriginData (value : String)
```

## Property Value

The application data relating to the origin of the specific header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescBackoutCount Property

Gets or sets the back out counter of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescBackoutCount As UInteger
```

C#

```
public uint MsgDescBackoutCount { get; set; }
```

C++

```
public:
property unsigned int MsgDescBackoutCount {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescBackoutCount ()

/** @property */
public void set_MsgDescBackoutCount (UInt32 value)
```

JScript

```
public function get MsgDescBackoutCount () : uint

public function set MsgDescBackoutCount (value : uint)
```

## Property Value

The back out counter.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescCodedCharSetId Property

Gets or sets the character set identifier of message data of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescCodedCharSetId As UInteger
```

C#

```
public uint MsgDescCodedCharSetId { get; set; }
```

C++

```
public:
property unsigned int MsgDescCodedCharSetId {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescCodedCharSetId ()

/** @property */
public void set_MsgDescCodedCharSetId (UInt32 value)
```

JScript

```
public function get MsgDescCodedCharSetId () : uint

public function set MsgDescCodedCharSetId (value : uint)
```

## Property Value

The character set identifier of message data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescCorrelId Property

Gets or sets the correlation identifier of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property MsgDescCorrelId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] MsgDescCorrelId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ MsgDescCorrelId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_MsgDescCorrelId ()

/** @property */
public void set_MsgDescCorrelId (byte[] value)
```

JScript

```
public function get MsgDescCorrelId () : byte[]

public function set MsgDescCorrelId (value : byte[])
```

## Property Value

The correlation identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqxqhHeader.MsgDescEncoding Property

Gets or sets the encoding of message data for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescEncoding As UInteger
```

C#

```
public uint MsgDescEncoding { get; set; }
```

C++

```
public:
property unsigned int MsgDescEncoding {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescEncoding ()

/** @property */
public void set_MsgDescEncoding (UInt32 value)
```

JScript

```
public function get MsgDescEncoding () : uint

public function set MsgDescEncoding (value : uint)
```

## Property Value

The encoding of message data for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescExpiry Property

Gets or sets the expiry time of the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescExpiry As UInteger
```

C#

```
public uint MsgDescExpiry { get; set; }
```

C++

```
public:
property unsigned int MsgDescExpiry {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescExpiry ()

/** @property */
public void set_MsgDescExpiry (UInt32 value)
```

JScript

```
public function get MsgDescExpiry () : uint

public function set MsgDescExpiry (value : uint)
```

## Property Value

The expiry time of the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescFeedback Property

Gets or sets the feedback or reason code for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescFeedback As UInteger
```

C#

```
public uint MsgDescFeedback { get; set; }
```

C++

```
public:
property unsigned int MsgDescFeedback {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescFeedback ()

/** @property */
public void set_MsgDescFeedback (UInt32 value)
```

JScript

```
public function get MsgDescFeedback () : uint

public function set MsgDescFeedback (value : uint)
```

## Property Value

The feedback or reason code for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescFormat Property

Gets or sets the format name of the message data for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescFormat As String
```

C#

```
public string MsgDescFormat { get; set; }
```

C++

```
public:
property String^ MsgDescFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescFormat ()

/** @property */
public void set_MsgDescFormat (String value)
```

JScript

```
public function get MsgDescFormat () : String

public function set MsgDescFormat (value : String)
```

## Property Value

The Format name of message data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescMsgId Property

Gets or sets the message identifier for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
<SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)> _
Public Property MsgDescMsgId As Byte()
```

C#

```
[SuppressMessageAttribute("Microsoft.Performance", "CA1819:PropertiesShouldNotReturnArrays"
)]
public byte[] MsgDescMsgId { get; set; }
```

C++

```
[SuppressMessageAttribute(L"Microsoft.Performance", L"CA1819:PropertiesShouldNotReturnArray
s")]
public:
property array<unsigned char>^ MsgDescMsgId {
array<unsigned char>^ get ();
void set (array<unsigned char>^ value);
}
```

J#

```
/** @property */
public byte[] get_MsgDescMsgId ()

/** @property */
public void set_MsgDescMsgId (byte[] value)
```

JScript

```
public function get MsgDescMsgId () : byte[]

public function set MsgDescMsgId (value : byte[])
```

## Property Value

The message identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescMsgType Property

Gets or sets the message type for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescMsgType As UInteger
```

C#

```
public uint MsgDescMsgType { get; set; }
```

C++

```
public:
property unsigned int MsgDescMsgType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescMsgType ()

/** @property */
public void set_MsgDescMsgType (UInt32 value)
```

JScript

```
public function get MsgDescMsgType () : uint

public function set MsgDescMsgType (value : uint)
```

## Property Value

The message type for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescPersistence Property

Gets or sets the message persistence for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPersistence As UInteger
```

C#

```
public uint MsgDescPersistence { get; set; }
```

C++

```
public:
property unsigned int MsgDescPersistence {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescPersistence ()

/** @property */
public void set_MsgDescPersistence (UInt32 value)
```

JScript

```
public function get MsgDescPersistence () : uint

public function set MsgDescPersistence (value : uint)
```

## Property Value

The message persistence for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescPriority Property

Gets or sets the message priority for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPriority As UInteger
```

C#

```
public uint MsgDescPriority { get; set; }
```

C++

```
public:
property unsigned int MsgDescPriority {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescPriority ()

/** @property */
public void set_MsgDescPriority (UInt32 value)
```

JScript

```
public function get MsgDescPriority () : uint

public function set MsgDescPriority (value : uint)
```

## Property Value

The message priority for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqxqhHeader.MsgDescPutAppName Property

Gets or sets the name of the application that put the message for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPutAppName As String
```

C#

```
public string MsgDescPutAppName { get; set; }
```

C++

```
public:
property String^ MsgDescPutAppName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescPutAppName ()

/** @property */
public void set_MsgDescPutAppName (String value)
```

JScript

```
public function get MsgDescPutAppName () : String

public function set MsgDescPutAppName (value : String)
```

## Property Value

The name of the application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescPutApplType Property

Gets or sets the type of the application for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPutApplType As UInteger
```

C#

```
public uint MsgDescPutApplType { get; set; }
```

C++

```
public:
property unsigned int MsgDescPutApplType {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescPutApplType ()

/** @property */
public void set_MsgDescPutApplType (UInt32 value)
```

JScript

```
public function get MsgDescPutApplType () : uint

public function set MsgDescPutApplType (value : uint)
```

## Property Value

The type of the application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescPutDate Property

Gets or sets the date when the message was put.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPutDate As String
```

C#

```
public string MsgDescPutDate { get; set; }
```

C++

```
public:
property String^ MsgDescPutDate {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescPutDate ()

/** @property */
public void set_MsgDescPutDate (String value)
```

JScript

```
public function get MsgDescPutDate () : String

public function set MsgDescPutDate (value : String)
```

## Property Value

The date when the message was put.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescPutTime Property

Gets or sets the time when message was put.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescPutTime As String
```

C#

```
public string MsgDescPutTime { get; set; }
```

C++

```
public:
property String^ MsgDescPutTime {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescPutTime ()

/** @property */
public void set_MsgDescPutTime (String value)
```

JScript

```
public function get MsgDescPutTime () : String

public function set MsgDescPutTime (value : String)
```

## Property Value

The time when message was put.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescReplyToQ Property

Gets or sets the name of reply to queue for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescReplyToQ As String
```

C#

```
public string MsgDescReplyToQ { get; set; }
```

C++

```
public:
property String^ MsgDescReplyToQ {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescReplyToQ ()

/** @property */
public void set_MsgDescReplyToQ (String value)
```

JScript

```
public function get MsgDescReplyToQ () : String

public function set MsgDescReplyToQ (value : String)
```

## Property Value

The name of reply for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescReplyToQMgr Property

Gets or sets the name of reply queue manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescReplyToQMgr As String
```

C#

```
public string MsgDescReplyToQMgr { get; set; }
```

C++

```
public:
property String^ MsgDescReplyToQMgr {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescReplyToQMgr ()

/** @property */
public void set_MsgDescReplyToQMgr (String value)
```

JScript

```
public function get MsgDescReplyToQMgr () : String

public function set MsgDescReplyToQMgr (value : String)
```

## Property Value

The name of reply queue manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescReport Property

Gets or sets the report options for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescReport As UInteger
```

C#

```
public uint MsgDescReport { get; set; }
```

C++

```
public:
property unsigned int MsgDescReport {
    unsigned int get ();
    void set (unsigned int value);
}
```

J#

```
/** @property */
public UInt32 get_MsgDescReport ()

/** @property */
public void set_MsgDescReport (UInt32 value)
```

JScript

```
public function get MsgDescReport () : uint

public function set MsgDescReport (value : uint)
```

## Property Value

The report options for the specified header object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescStrucId Property

Gets the structure identifier for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property MsgDescStrucId As String
```

C#

```
public string MsgDescStrucId { get; }
```

C++

```
public:
property String^ MsgDescStrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_MsgDescStrucId ()
```

JScript

```
public function get MsgDescStrucId () : String
```

## Property Value

The structure identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# MqxqhHeader.MsgDescUserIdentifier Property

Gets or sets the user identifier for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MsgDescUserIdentifier As String
```

C#

```
public string MsgDescUserIdentifier { get; set; }
```

C++

```
public:
property String^ MsgDescUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MsgDescUserIdentifier ()

/** @property */
public void set_MsgDescUserIdentifier (String value)
```

JScript

```
public function get MsgDescUserIdentifier () : String

public function set MsgDescUserIdentifier (value : String)
```

## Property Value

The user identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.MsgDescVersion Property

Gets the structure version number for the transmission queue header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property MsgDescVersion As UInteger
```

C#

```
public uint MsgDescVersion { get; }
```

C++

```
public:
property unsigned int MsgDescVersion {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_MsgDescVersion ()
```

JScript

```
public function get MsgDescVersion () : uint
```

## Property Value

The structure version number.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.RemoteQMgrName Property

Gets or sets the name of the remote queue manager of the [MqxqhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteQMgrName As String
```

C#

```
public string RemoteQMgrName { get; set; }
```

C++

```
public:
property String^ RemoteQMgrName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteQMgrName ()

/** @property */
public void set_RemoteQMgrName (String value)
```

JScript

```
public function get RemoteQMgrName () : String

public function set RemoteQMgrName (value : String)
```

## Property Value

The name of the remote queue manager of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.RemoteQName Property

Gets or sets the name of the remote queue of the [MqxqhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Property RemoteQName As String
```

C#

```
public string RemoteQName { get; set; }
```

C++

```
public:
property String^ RemoteQName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_RemoteQName ()

/** @property */
public void set_RemoteQName (String value)
```

JScript

```
public function get RemoteQName () : String

public function set RemoteQName (value : String)
```

## Property Value

The name of the remote queue of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.StrucId Property

Gets the identifier for the structure of the [MqxqhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property StrucId As String
```

C#

```
public string StrucId { get; }
```

C++

```
public:
property String^ StrucId {
    String^ get ();
}
```

J#

```
/** @property */
public String get_StrucId ()
```

JScript

```
public function get StrucId () : String
```

## Property Value

The identifier for the structure of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.StrucIdForThisHeader Property

Gets the identifier of the structure for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property StrucIdForThisHeader As String
```

C#

```
public override string StrucIdForThisHeader { get; }
```

C++

```
public:
virtual property String^ StrucIdForThisHeader {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_StrucIdForThisHeader ()
```

JScript

```
public override function get StrucIdForThisHeader () : String
```

## Property Value

The identifier of the structure for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.Version Property

Gets the version of the [MqxqhHeader](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property Version As UInteger
```

C#

```
public uint Version { get; }
```

C++

```
public:
property unsigned int Version {
    unsigned int get ();
}
```

J#

```
/** @property */
public UInt32 get_Version ()
```

JScript

```
public function get Version () : uint
```

## Property Value

The version of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# MqxqhHeader.VersionForThisHeader Property

Gets the value of the version for the current header.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Headers (in system.servicemodel.channels.webspheremq.headers.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property VersionForThisHeader As UInteger
```

C#

```
public override uint VersionForThisHeader { get; }
```

C++

```
public:
virtual property unsigned int VersionForThisHeader {
    unsigned int get () override;
}
```

J#

```
/** @property */
public UInt32 get_VersionForThisHeader ()
```

JScript

```
public override function get VersionForThisHeader () : uint
```

## Property Value

The value of the version for the current header.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[MqxqhHeader Class](#)

[MqxqhHeader Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinaryBinding Class

Provides WCF binding used to communicate with Websphere MQ using binary encoder.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.Binding](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinding](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBinding**

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinaryBinding](#)

Syntax

C#

```
public class WebSphereMQBinaryBinding : WebSphereMQBinding
```

C++

```
public ref class WebSphereMQBinaryBinding : WebSphereMQBinding
```



F#

```
type WebSphereMQBinaryBinding =  
    class  
        inherit WebSphereMQBinding  
    end
```








VB































```
Public Class WebSphereMQBinaryBinding  
    Inherits WebSphereMQBinding
```

Constructors







Name	Description
 <a href="#">WebSphereMQBinaryBinding()</a>	Initializes a new instance of the <b>WebSphereMQBinaryBinding</b> class.
 <a href="#">WebSphereMQBinaryBinding(String)</a>	Initializes a new instance of the <b>WebSphereMQBinaryBinding</b> class with the specified configuration name.


















Properties

Name	Description
 <a href="#">BinaryStreamElement</a>	Gets the XML element that needs to wrap the binary data.
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MessageVersion</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.(Inherited from <a href="#">WebSphereMQBinding</a> .)

	MqcdSslClientAuthentication	Gets or sets whether the Mqcd SSL Client Authentication is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqcdSslPeerName	Gets or sets the Mqcd SSL Peer Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqcdTransportType	Gets or sets the Mqcd Transport Type.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqcdUserIdentifier	Gets or sets the Mqcd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqgmoCompleteMessage	Gets or sets the Mqgmo Complete Message.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqgmoConvert	Gets or sets the Mqgmo Convert.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqgmoLogicalOrder	Gets or sets whether the Mqgmo is in Logical Order.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqgmoSyncPoint	Gets or sets the Mqgmo Sync Point.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqgmoWaitInterval	Gets or sets the Mqgmo Wait Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdFormat	Gets or sets the Mqmd Format.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdPutApplicationName	Gets or sets the Mqmd Put Application Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdReplyToQueue	Gets or sets the Mqmd reply to Queue.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdReplyToQueueManager	Gets or sets the Mqmd Reply to Queue Manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdSegmentationAllowed	Gets or sets whether the Mqmd Segmentation is allowed.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqmdUserIdentifier	Gets or sets the Mqmd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqpmoLogicalOrder	Gets or sets whether the Mqpmo Logical Order is used.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqpmoSyncPoint	Gets or sets if the Mqpmo Sync Point is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	MqscsSslKeyRepository	Gets or sets the Mqscs SSL Key Repository.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	Name	(Inherited from <a href="#">Binding</a> .)
	Namespace	(Inherited from <a href="#">Binding</a> .)
	OpenTimeout	(Inherited from <a href="#">Binding</a> .)
	ReaderQuotas	Gets the XmlDictionaryReaderQuotas that is associated with the <b>WebSphereMQBinaryBinding</b> object.(Overrides <a href="#">WebSphereMQBinding.ReaderQuotas</a> .)
	ReceiveContextEnabled	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	ReceiveContextValidityDuration	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	ReceiveTimeout	(Inherited from <a href="#">Binding</a> .)
	Scheme	Gets the addressing scheme that is used by the <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	SendTimeout	(Inherited from <a href="#">Binding</a> .)
	TlCorrelationID	Gets or sets the Tl correlation identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	Transaction	Gets or sets whether the send or receive needs to be performed in a transaction scope.(Inherited from <a href="#">WebSphereMQBinding</a> .)
	UsePersistentConnectionForSend	Gets or sets a property that indicates whether the transport uses a persistent connection for send.(Inherited from <a href="#">WebSphereMQBinding</a> .)

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(String)</a>	Applies the configuration of the <b>WebSphereMQBinaryBinding</b> object with the specified configuration name.(Overrides <a href="#">WebSphereMQBinding.ApplyConfiguration(String)</a> .)
 <a href="#">BuildChannelFactory&lt;TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelFactory&lt;TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;TChannel&gt;(Uri, BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)

 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Uri, Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Uri, String, BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Uri, String, ListenUriMode, BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Uri, String, ListenUriMode, Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Uri, String, Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">CanBuildChannelFactory&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">CanBuildChannelFactory&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">CanBuildChannelListener&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">CanBuildChannelListener&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">CreateBindingElements()</a>	Creates a collection that contains the binding elements that are part of the current binding.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetMessageEncodingBindingElement()</a>	Retrieves the binding element that specifies the message version used to encode messages.(Overrides <a href="#">WebSphereMQBinding.GetMessageEncodingBindingElement()</a> .)
 <a href="#">GetMQTransportBindingElement()</a>	Returns a new instance of the WebSphereMQTransportBindingElement when overridden by derived classes.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">GetProperty&lt;'T&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQBinaryBinding Members

Provides WCF binding used to communicate with Websphere MQ using binary encoder.






























The following tables list the members exposed by the [WebSphereMQBinaryBinding](#) type.













## Public Constructors

Name	Description
<a href="#">WebSphereMQBinaryBinding</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQBinaryBinding</a> class.

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## Public Properties

Name	Description
 <a href="#">BinaryStreamElement</a>	Gets the XML element that needs to wrap the binary data.
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )

	<a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ReaderQuotas</a>	Overridden. Gets the XmlDictionaryReaderQuotas that is associated with the <b>WebSphereMQBinaryBinding</b> object.
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TlCorrelationID</a>	Gets or sets the Tl correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send. (inherited from <a href="#">WebSphereMQBinding</a> )






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Public Methods (see also [Protected Methods](#))

	<b>Name</b>	<b>Description</b>
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">ApplyConfiguration</a>	Overridden. Applies the configuration of the <b>WebSphereMQBinaryBinding</b> object with the specified configuration name.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Overridden. Retrieves the binding element that specifies the message version used to encode messages.
	<a href="#">GetMQTransportBindingElement</a>	Returns a new instance of the WebSphereMQTransportBindingElement when overridden by derived classes. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

**Reference**

[WebSphereMQBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinaryBinding Constructor

Initializes a new instance of the [WebSphereMQBinaryBinding](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

## Overload List

	Name	Description
	<a href="#">WebSphereMQBinaryBinding()</a>	Initializes a new instance of the <a href="#">WebSphereMQBinaryBinding</a> class.
	<a href="#">WebSphereMQBinaryBinding(String)</a>	Initializes a new instance of the <a href="#">WebSphereMQBinaryBinding</a> class with the specified configuration name.

See Also

[WebSphereMQBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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## WebSphereMQBinaryBinding Constructor ()

Initializes a new instance of the [WebSphereMQBinaryBinding](#) class.

Syntax

C#

```
public WebSphereMQBinaryBinding()
```

C++

```
public:  
WebSphereMQBinaryBinding()
```

F#

```
new : unit -> WebSphereMQBinaryBinding
```

VB

```
Public Sub New
```

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## WebSphereMQBinaryBinding Constructor (String)

Initializes a new instance of the [WebSphereMQBinaryBinding](#) class with the specified configuration name.

Syntax

C#

```
public WebSphereMQBinaryBinding(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQBinaryBinding(  
    String^ configurationName  
)
```

F#

```
new :
```

configurationName:[string](#) -> WebSphereMQBinaryBinding

VB

```
Public Sub New (  
    configurationName As String  
)
```

#### Parameters

*configurationName*

Type: [System.String](#)

The name of the configuration.

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# WebSphereMQBinaryBinding Constructor ()

Initializes a new instance of the [WebSphereMQBinaryBinding](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WebSphereMQBinaryBinding ()
```

C++

```
public:  
WebSphereMQBinaryBinding ()
```

J#

```
public WebSphereMQBinaryBinding ()
```

JScript

```
public function WebSphereMQBinaryBinding ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQBinaryBinding Class](#)

[WebSphereMQBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinaryBinding Constructor (String)

Initializes a new instance of the [WebSphereMQBinaryBinding](#) class with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQBinaryBinding (
    string configurationName
)
```

C++

```
public:
    WebSphereMQBinaryBinding (
        String^ configurationName
    )
```

J#

```
public WebSphereMQBinaryBinding (
    String configurationName
)
```

JScript

```
public function WebSphereMQBinaryBinding (
    configurationName : String
)
```

## Parameters

configurationName

The name of the configuration.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[WebSphereMQBinaryBinding Class](#)

[WebSphereMQBinaryBinding Members](#)






[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies the configuration of the <a href="#">WebSphereMQBinaryBinding</a> object with the specified configuration name.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Overridden. Retrieves the binding element that specifies the message version used to encode messages.
	<a href="#">GetMQTransportBindingElement</a>	Returns a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> when overridden by derived classes. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding.ApplyConfiguration Method

Applies the configuration of the [WebSphereMQBinaryBinding](#) object with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub ApplyConfiguration ( _
    configurationName As String _
)
```

C#

```
protected override void ApplyConfiguration (
    string configurationName
)
```

C++

```
protected:
virtual void ApplyConfiguration (
    String^ configurationName
) override
```

J#

```
protected void ApplyConfiguration (
    String configurationName
)
```

JScript

```
protected override function ApplyConfiguration (
    configurationName : String
)
```

## Parameters

configurationName

The name of the configuration.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinaryBinding Class](#)

[WebSphereMQBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding.GetMessageEncodingBindingElement Method

Retrieves the binding element that specifies the message version used to encode messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetMessageEncodingBindingElement As MessageEncodingBindingElement
```

C#

```
protected override MessageEncodingBindingElement GetMessageEncodingBindingElement ()
```

C++

```
protected:
virtual MessageEncodingBindingElement^ GetMessageEncodingBindingElement () override
```

J#

```
protected MessageEncodingBindingElement GetMessageEncodingBindingElement ()
```

JScript

```
protected override function GetMessageEncodingBindingElement () : MessageEncodingBindingElement
```

## Return Value

The binding element that specifies the message version used to encode messages.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference








[WebSphereMQBinaryBinding Class](#)




[WebSphereMQBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding Properties

## Public Properties

	Name	Description
	<a href="#">BinaryStreamElement</a>	Gets the XML element that needs to wrap the binary data.
	<a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )

	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ReaderQuotas</a>	Overridden. Gets the XmlDictionaryReaderQuotas that is associated with the <a href="#">WebSphereMQBinaryBinding</a> object.
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send. (inherited from <a href="#">WebSphereMQBinding</a> )

See Also

#### Reference

[WebSphereMQBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding.BinaryStreamElement Property

Gets the XML element that needs to wrap the binary data.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared ReadOnly Property BinaryStreamElement As String
```

C#

```
public static string BinaryStreamElement { get; }
```

C++

```
public:
static property String^ BinaryStreamElement {
    String^ get ();
}
```

J#

```
/** @property */
public static String get_BinaryStreamElement ()
```

JScript

```
public static function get BinaryStreamElement () : String
```

## Property Value

The XML element that needs to wrap the binary data.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinaryBinding Class](#)

[WebSphereMQBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBinding.ReaderQuotas Property

Gets the XmlDictionaryReaderQuotas that is associated with the [WebSphereMQBinaryBinding](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property ReaderQuotas As XmlDictionaryReaderQuotas
```

C#

```
public override XmlDictionaryReaderQuotas ReaderQuotas { get; }
```

C++

```
public:
virtual property XmlDictionaryReaderQuotas^ ReaderQuotas {
    XmlDictionaryReaderQuotas^ get () override;
}
```

J#

```
/** @property */
public XmlDictionaryReaderQuotas get_ReaderQuotas ()
```

JScript

```
public override function get ReaderQuotas () : XmlDictionaryReaderQuotas
```

## Property Value

The XmlDictionaryReaderQuotas that is associated with the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinaryBinding Class](#)

[WebSphereMQBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinaryBindingElement Class

Represents the configuration element for the WebsphereMQBinaryBinding.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

Inheritance Hierarchy  
[System.Object](#)  
[System.Configuration.ConfigurationElement](#)  
[System.ServiceModel.Configuration.ServiceModelConfigurationElement](#)  
[System.ServiceModel.Configuration.StandardBindingElement](#)  
[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBindingElement](#)  
**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBindingElement**  
[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinaryBindingElement](#)

Syntax  
C#

```
public class WebSphereMQBinaryBindingElement : WebSphereMQBindingElement
```

C++

```
public ref class WebSphereMQBinaryBindingElement : WebSphereMQBindingElement
```



F#

```
type WebSphereMQBinaryBindingElement =  
    class  
        inherit WebSphereMQBindingElement  
    end
```






VB



















```
Public Class WebSphereMQBinaryBindingElement  
    Inherits WebSphereMQBindingElement
```















Constructors


Name	Description
 <a href="#">WebSphereMQBinaryBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQBinaryBindingElement</b> class.
 <a href="#">WebSphereMQBinaryBindingElement(String)</a>	Initializes a new instance of the <b>WebSphereMQBinaryBindingElement</b> class with the specified configuration name.

Properties



























Name	Description
 <a href="#">BindingElementType</a>	Gets the type of binding element for the specified <b>WebSphereMQBinaryBindingElement</b> object.(Overrides <a href="#">WebSphereMQBindingElement.BindingElementType</a> .)
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">CurrentConfiguration</a>	(Inherited from <a href="#">ConfigurationElement</a> .)





 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ElementInformation</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ElementProperty</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">EvaluationContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">HasContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(ConfigurationProperty)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">LockAllAttributesExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAllElementsExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAttributes</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockElements</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockItem</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> .class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <a href="#">WebSphereMQTransportElement</a> class. The default is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <a href="#">WebSphereMQChannelConfigurationStrings</a> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">Name</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
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#### Methods

	Name	Description
	<a href="#">ApplyConfiguration(Binding)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
	<a href="#">DeserializeElement(XmlReader, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">GetTransformedAssemblyString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">GetTransformedTypeString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">Init()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">InitializeDefault()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">InitializeFrom(Binding)</a>	Initializes the binding element with the content from the specified binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
	<a href="#">IsModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">IsReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">ListErrors(IList)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">OnApplyConfiguration(Binding)</a>	Applies the settings of the configuration element to the <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
	<a href="#">OnDeserializeUnrecognizedAttribute(String, String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">OnDeserializeUnrecognizedElement(String, XmlReader)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">OnRequiredPropertyNotFound(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">PostDeserialize()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">PreSerialize(XmlWriter)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">Reset(ConfigurationElement)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
	<a href="#">ResetModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">SerializeElement(XmlWriter, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">SerializeToXmlElement(XmlWriter, String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">SetPropertyValue(ConfigurationProperty, Object, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)

 <a href="#">SetPropertyValueIfNotDefaultValue&lt;'T&gt;(String, 'T)</a>	(Inherited from <a href="#">ServiceModelConfigurationElement.</a> )
 <a href="#">SetReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">Unmerge(ConfigurationElement, ConfigurationElement, ConfigurationSaveMode)</a>	(Inherited from <a href="#">ConfigurationElement.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQBinaryBindingElement Members

Represents the configuration element for the WebsphereMQBinaryBinding.



























The following tables list the members exposed by the [WebSphereMQBinaryBindingElement](#) type.





















## Public Constructors

Name	Description
<a href="#">WebSphereMQBinaryBindingElement</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQBinaryBindingElement</a> class.

## Top






Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )







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#### Protected Properties

	Name	Description
	<a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <b>WebSphereMQBinaryBindingElement</b> object.
	<a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )
























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#### Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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## Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

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See Also

### Reference

[WebSphereMQBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# WebSphereMQBinaryBindingElement Constructor

Initializes a new instance of the [WebSphereMQBinaryBindingElement](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Overload List

Name	Description
 <a href="#">WebSphereMQBinaryBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQBinaryBindingElement</a> class.
 <a href="#">WebSphereMQBinaryBindingElement(String)</a>	Initializes a new instance of the <a href="#">WebSphereMQBinaryBindingElement</a> class with the specified configuration name.

See Also

[WebSphereMQBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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**WebSphereMQBinaryBindingElement Constructor ()**

Initializes a new instance of the [WebSphereMQBinaryBindingElement](#) class.

Syntax

C#

```
public WebSphereMQBinaryBindingElement()
```

C++

```
public:  
WebSphereMQBinaryBindingElement()
```

F#

```
new : unit -> WebSphereMQBinaryBindingElement
```

VB

```
Public Sub New
```

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**WebSphereMQBinaryBindingElement Constructor (String)**

Initializes a new instance of the [WebSphereMQBinaryBindingElement](#) class with the specified configuration name.

Syntax

C#

```
public WebSphereMQBinaryBindingElement(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQBinaryBindingElement(  
    String^ configurationName  
)
```

F#

```
new :
```

configurationName:[string](#) -> WebSphereMQBinaryBindingElement

VB

```
Public Sub New (  
    configurationName As String  
)
```

#### Parameters

*configurationName*

Type: [System.String](#)

The name of the configuration.

[Return to top](#)

# WebSphereMQBinaryBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQBinaryBindingElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WebSphereMQBinaryBindingElement ()
```

C++

```
public:  
WebSphereMQBinaryBindingElement ()
```

J#

```
public WebSphereMQBinaryBindingElement ()
```

JScript

```
public function WebSphereMQBinaryBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQBinaryBindingElement Class](#)

[WebSphereMQBinaryBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBindingElement Constructor (String)

Initializes a new instance of the [WebSphereMQBinaryBindingElement](#) class with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQBinaryBindingElement (
    string configurationName
)
```

C++

```
public:
    WebSphereMQBinaryBindingElement (
        String^ configurationName
    )
```

J#

```
public WebSphereMQBinaryBindingElement (
    String configurationName
)
```

JScript

```
public function WebSphereMQBinaryBindingElement (
    configurationName : String
)
```

## Parameters

configurationName

The name of the configuration.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[WebSphereMQBinaryBindingElement Class](#)

[WebSphereMQBinaryBindingElement Members](#)
























[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBindingElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also
























## Reference




















[WebSphereMQBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)






# WebSphereMQBinaryBindingElement Properties

Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqpmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )

#### Protected Properties

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <a href="#">WebSphereMQBinaryBindingElement</a> object.
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )

See Also

#### Reference

[WebSphereMQBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinaryBindingElement.BindingElementType Property

Gets the type of binding element for the specified [WebSphereMQBinaryBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property BindingElementType As Type
```

C#

```
protected override Type BindingElementType { get; }
```

C++

```
protected:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
protected Type get_BindingElementType ()
```

JScript

```
protected override function get BindingElementType () : Type
```

## Property Value

The type of binding element for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinaryBindingElement Class](#)

[WebSphereMQBinaryBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding Class

Provides WCF binding used to communicate with Websphere MQ.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.Binding](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinding**

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBinding](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinding](#)

Syntax

C#

```
public class WebSphereMQBinding : Binding
```

C++

```
public ref class WebSphereMQBinding : Binding
```



F#

```
type WebSphereMQBinding =  
    class  
        inherit Binding  
    end
```










VB
































```
Public Class WebSphereMQBinding  
    Inherits Binding
```





Constructors

Name	Description
 <a href="#">WebSphereMQBinding()</a>	Initializes a new instance of the <b>WebSphereMQBinding</b> class.
 <a href="#">WebSphereMQBinding(String)</a>	Initializes a new instance of the <b>WebSphereMQBinding</b> class with the specified configuration name.





















Properties






Name	Description
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <b>WebSphereMQBinding</b> object.
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the Message after receiving the Message
 <a href="#">MessageVersion</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.

 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class.
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name.
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type.
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier.
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message.
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order.
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point.
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval.
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used.
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled.
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository.
 <a href="#">Name</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Namespace</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoint s configured with the binding.
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object.(Override s <a href="#">Binding.Scheme</a> .)

 <b>SendTimeout</b>	(Inherited from <a href="#">Binding</a> .)
 <b>TICorrelationID</b>	Gets or sets the TI correlation identifier.
 <b>Transaction</b>	Gets or sets whether the send or receive needs to be performed in a transaction scope.
 <b>UsePersistentConnectionForSend</b>	Gets or sets a property that indicates whether the transport uses a persistent connection for send.

#### Methods

Name	Description
 <b>ApplyConfiguration(String)</b>	Applies the binding configuration to the <b>WebSphereMQBinding</b> object with the specified configuration name.
 <b>BuildChannelFactory&lt;'TChannel'&gt;(BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelFactory&lt;'TChannel'&gt;(Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, String, BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, String, ListenUriMode, BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, String, ListenUriMode, Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>BuildChannelListener&lt;'TChannel'&gt;(Uri, String, Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>CanBuildChannelFactory&lt;'TChannel'&gt;(BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>CanBuildChannelFactory&lt;'TChannel'&gt;(Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>CanBuildChannelListener&lt;'TChannel'&gt;(BindingParameterCollection)</b>	(Inherited from <a href="#">Binding</a> .)
 <b>CanBuildChannelListener&lt;'TChannel'&gt;(Object[])</b>	(Inherited from <a href="#">Binding</a> .)
 <b>CreateBindingElements()</b>	Creates a collection that contains the binding elements that are part of the current binding.(Overrides <a href="#">Binding.CreateBindingElements()</a> .)
 <b>Equals(Object)</b>	(Inherited from <a href="#">Object</a> .)
 <b>Finalize()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetHashCode()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetMessageEncodingBindingElement()</b>	Returns a new instance of the <b>MessageEncodingBindingElement</b> when overridden by derived classes.

 <a href="#">GetMQTransportBindingElement()</a>	Returns a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> when overridden by derived classes.
 <a href="#">GetProperty&lt;'T&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)

# WebSphereMQBinding Members

Provides WCF binding used to communicate with Websphere MQ.

The following tables list the members exposed by the [WebSphereMQBinding](#) type.





## Public Constructors

Name	Description
<a href="#">WebSphereMQBinding</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQBinding</a> class.

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





## Public Properties

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <b>WebSphereMQBinding</b> object.
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the Message after receiving the Message
 <a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class.
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name.
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type.
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier.
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message.
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order.
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point.
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval.
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used.
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled.
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository.
 <a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoint s configured with the binding.
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">Scheme</a>	Overridden. Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> obj ect.

 <a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier.
 <a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send.











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Public Methods (see also [Protected Methods](#))

	Name	Description
 	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
 	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
 	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
 	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Overridden. Creates a collection that contains the binding elements that are part of the current binding.
 	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
 	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
  	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
 	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
 	<a href="#">ApplyConfiguration</a>	Applies the binding configuration to the <b>WebSphereMQBinding</b> object with the specified configuration name.
 	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">GetMessageEncodingBindingElement</a>	Returns a new instance of the MessageEncodingBindingElement when overridden by derived classes.
 	<a href="#">GetMQTransportBindingElement</a>	Returns a new instance of the WebSphereMQTransportBindingElement when overridden by derived classes.
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

#### Reference

[WebSphereMQBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding Constructor

Initializes a new instance of the [WebSphereMQBinding](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

## Overload List

	Name	Description
	<a href="#">WebSphereMQBinding()</a>	Initializes a new instance of the <a href="#">WebSphereMQBinding</a> class.
	<a href="#">WebSphereMQBinding(String)</a>	Initializes a new instance of the <a href="#">WebSphereMQBinding</a> class with the specified configuration name.

See Also

[WebSphereMQBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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### WebSphereMQBinding Constructor ()

Initializes a new instance of the [WebSphereMQBinding](#) class.

Syntax

C#

```
public WebSphereMQBinding()
```

C++

```
public:  
WebSphereMQBinding()
```

F#

```
new : unit -> WebSphereMQBinding
```

VB

```
Public Sub New
```

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### WebSphereMQBinding Constructor (String)

Initializes a new instance of the [WebSphereMQBinding](#) class with the specified configuration name.

Syntax

C#

```
public WebSphereMQBinding(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQBinding(  
    String^ configurationName  
)
```

F#

```
new :
```

```
configurationName:string -> WebSphereMQBinding
```

VB

```
Public Sub New (  
    configurationName As String  
)
```

#### Parameters

*configurationName*

Type: [System.String](#)

The name of the configuration.

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# WebSphereMQBinding Constructor ()

Initializes a new instance of the [WebSphereMQBinding](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQBinding ()
```

C++

```
public:
WebSphereMQBinding ()
```

J#

```
public WebSphereMQBinding ()
```

JScript

```
public function WebSphereMQBinding ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding Constructor (String)

Initializes a new instance of the [WebSphereMQBinding](#) class with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQBinding (
    string configurationName
)
```

C++

```
public:
    WebSphereMQBinding (
        String^ configurationName
    )
```

J#

```
public WebSphereMQBinding (
    String configurationName
)
```

JScript

```
public function WebSphereMQBinding (
    configurationName : String
)
```

## Parameters

configurationName

The name of the configuration.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)






[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Overridden. Creates a collection that contains the binding elements that are part of the current binding.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ApplyConfiguration</a>	Applies the binding configuration to the <a href="#">WebSphereMQBinding</a> object with the specified configuration name.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Returns a new instance of the MessageEncodingBindingElement when overridden by derived classes.
	<a href="#">GetMQTransportBindingElement</a>	Returns a new instance of the WebSphereMQTransportBindingElement when overridden by derived classes.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.ApplyConfiguration Method

Applies the binding configuration to the [WebSphereMQBinding](#) object with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Sub ApplyConfiguration ( _
    configurationName As String _
)
```

C#

```
protected virtual void ApplyConfiguration (
    string configurationName
)
```

C++

```
protected:
virtual void ApplyConfiguration (
    String^ configurationName
)
```

J#

```
protected void ApplyConfiguration (
    String configurationName
)
```

JScript

```
protected function ApplyConfiguration (
    configurationName : String
)
```

## Parameters

configurationName

The specified configuration name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.CreateBindingElements Method

Creates a collection that contains the binding elements that are part of the current binding.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CreateBindingElements As BindingElementCollection
```

C#

```
public override BindingElementCollection CreateBindingElements ()
```

C++

```
public:
virtual BindingElementCollection^ CreateBindingElements () override
```

J#

```
public BindingElementCollection CreateBindingElements ()
```

JScript

```
public override function CreateBindingElements () : BindingElementCollection
```

## Return Value

A collection that contains the binding elements that are part of the current binding.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.GetMessageEncodingBindingElement Method

Returns a new instance of the `MessageEncodingBindingElement` when overridden by derived classes.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function GetMessageEncodingBindingElement As MessageEncodingBindingElement
```

C#

```
protected virtual MessageEncodingBindingElement GetMessageEncodingBindingElement ()
```

C++

```
protected:
virtual MessageEncodingBindingElement^ GetMessageEncodingBindingElement ()
```

J#

```
protected MessageEncodingBindingElement GetMessageEncodingBindingElement ()
```

JScript

```
protected function GetMessageEncodingBindingElement () : MessageEncodingBindingElement
```

## Return Value

A new instance of the `MessageEncodingBindingElement`.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.GetMQTransportBindingElement Method

Returns a new instance of the WebSphereMQTransportBindingElement when overridden by derived classes.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overridable Function GetMQTransportBindingElement As WebSphereMQTransportBindingElement
```

C#

```
protected virtual WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

C++

```
protected:
virtual WebSphereMQTransportBindingElement^ GetMQTransportBindingElement ()
```

J#

```
protected WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

JScript

```
protected function GetMQTransportBindingElement () : WebSphereMQTransportBindingElement
```

## Return Value

A new instance of the WebSphereMQTransportBindingElement.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference





















[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding Properties

## Public Properties

	Name	Description
	<a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.
	<a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object.
	<a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.
	<a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the Message after receiving the Message
	<a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class.
	<a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class.
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled.
	<a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name.
	<a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type.
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier.
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message.
	<a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert.
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order.
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point.
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval.
	<a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format.
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name.
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue.
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager.
	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed.
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier.
	<a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used.
	<a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled.
	<a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository.
	<a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoint s configured with the binding.
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Overridden. Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object.
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier.
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope.
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection f or send.

See Also

### Reference

[WebSphereMQBinding Class](#)





# WebSphereMQBinding.ClusterQueueManagerName Property

Gets or sets the name of the cluster queue manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClusterQueueManagerName As String
```

C#

```
public string ClusterQueueManagerName { get; set; }
```

C++

```
public:
property String^ ClusterQueueManagerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClusterQueueManagerName ()

/** @property */
public void set_ClusterQueueManagerName (String value)
```

JScript

```
public function get ClusterQueueManagerName () : String

public function set ClusterQueueManagerName (value : String)
```

## Property Value

The name of the cluster queue manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.ConnectionType Property

Gets or sets the type of the connection of a [WebSphereMQBinding](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConnectionType As String
```

C#

```
public string ConnectionType { get; set; }
```

C++

```
public:
property String^ ConnectionType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ConnectionType ()

/** @property */
public void set_ConnectionType (String value)
```

JScript

```
public function get ConnectionType () : String

public function set ConnectionType (value : String)
```

## Property Value

The type of the connection of a specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.DeadLetterQueue Property

Gets or sets an enumeration value that indicates the type of dead-letter queue to use.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DeadLetterQueue As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> DeadLetterQueue { get; set; }
```

C++

```
public:
property Nullable<bool> DeadLetterQueue {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_DeadLetterQueue ()

/** @property */
public void set_DeadLetterQueue (Nullable<boolean> value)
```

JScript

```
public function get DeadLetterQueue () : Nullable<boolean>

public function set DeadLetterQueue (value : Nullable<boolean>)
```

## Property Value

An enumeration value that indicates the type of dead-letter queue to use.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.ExtensibleMQHeaders Property

Gets or sets a list of custom headers that will be loaded during runtime.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ExtensibleMQHeaders As String
```

C#

```
public string ExtensibleMQHeaders { get; set; }
```

C++

```
public:
property String^ ExtensibleMQHeaders {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ExtensibleMQHeaders ()

/** @property */
public void set_ExtensibleMQHeaders (String value)
```

JScript

```
public function get ExtensibleMQHeaders () : String

public function set ExtensibleMQHeaders (value : String)
```

## Property Value

The list of custom headers that will be loaded during runtime.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.LeaveMQHeadersInMessage Property

Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LeaveMQHeadersInMessage As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> LeaveMQHeadersInMessage { get; set; }
```

C++

```
public:
property Nullable<bool> LeaveMQHeadersInMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_LeaveMQHeadersInMessage ()

/** @property */
public void set_LeaveMQHeadersInMessage (Nullable<boolean> value)
```

JScript

```
public function get LeaveMQHeadersInMessage () : Nullable<boolean>

public function set LeaveMQHeadersInMessage (value : Nullable<boolean>)
```

## Property Value

Returns [Nullable](#).

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdChannelName Property

Gets or sets the Mqcd Channel Name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdChannelName As String
```

C#

```
public string MqcdChannelName { get; set; }
```

C++

```
public:
property String^ MqcdChannelName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdChannelName ()

/** @property */
public void set_MqcdChannelName (String value)
```

JScript

```
public function get MqcdChannelName () : String

public function set MqcdChannelName (value : String)
```

## Property Value

The Mqcd Channel Name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdConnectionName Property

Gets or sets the Mqcd Connection.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdConnectionName As String
```

C#

```
public string MqcdConnectionName { get; set; }
```

C++

```
public:
property String^ MqcdConnectionName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdConnectionName ()

/** @property */
public void set_MqcdConnectionName (String value)
```

JScript

```
public function get MqcdConnectionName () : String

public function set MqcdConnectionName (value : String)
```

## Property Value

The Mqcd Connection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding.MqcdHeartBeatInterval Property

Gets or sets the Mqcd HeartBeat Interval.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdHeartBeatInterval As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqcdHeartBeatInterval { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqcdHeartBeatInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdHeartBeatInterval ()

/** @property */
public void set_MqcdHeartBeatInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqcdHeartBeatInterval () : Nullable<uint>

public function set MqcdHeartBeatInterval (value : Nullable<uint>)
```

## Property Value

The Mqcd HeartBeat Interval.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdMaximumMessageLength Property

Gets or sets the maximum length of the message for the [WebSphereMQBinding](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdMaximumMessageLength As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqcdMaximumMessageLength { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqcdMaximumMessageLength {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdMaximumMessageLength ()

/** @property */
public void set_MqcdMaximumMessageLength (Nullable<UInt32> value)
```

JScript

```
public function get MqcdMaximumMessageLength () : Nullable<uint>

public function set MqcdMaximumMessageLength (value : Nullable<uint>)
```

## Property Value

The maximum length of the message for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdPassword Property

Gets or sets the password for the [WebSphereMQBinding](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdPassword As SecureString
```

C#

```
public SecureString MqcdPassword { get; set; }
```

C++

```
public:
property SecureString^ MqcdPassword {
    SecureString^ get ();
    void set (SecureString^ value);
}
```

J#

```
/** @property */
public SecureString get_MqcdPassword ()

/** @property */
public void set_MqcdPassword (SecureString value)
```

JScript

```
public function get MqcdPassword () : SecureString

public function set MqcdPassword (value : SecureString)
```

## Property Value

The password for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdSslCipherSpecification Property

Gets or sets the Mqcd SSL Cipher Specification.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslCipherSpecification As String
```

C#

```
public string MqcdSslCipherSpecification { get; set; }
```

C++

```
public:
property String^ MqcdSslCipherSpecification {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslCipherSpecification ()

/** @property */
public void set_MqcdSslCipherSpecification (String value)
```

JScript

```
public function get MqcdSslCipherSpecification () : String

public function set MqcdSslCipherSpecification (value : String)
```

## Property Value

The Mqcd SSL Cipher Specification.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdSslClientAuthentication Property

Gets or sets whether the Mqcd SSL Client Authentication is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslClientAuthentication As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqcdSslClientAuthentication { get; set; }
```

C++

```
public:
property Nullable<bool> MqcdSslClientAuthentication {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqcdSslClientAuthentication ()

/** @property */
public void set_MqcdSslClientAuthentication (Nullable<boolean> value)
```

JScript

```
public function get MqcdSslClientAuthentication () : Nullable<boolean>

public function set MqcdSslClientAuthentication (value : Nullable<boolean>)
```

## Property Value

**True** if the Mqcd SSL Client Authentication is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdSslPeerName Property

Gets or sets the Mqcd SSL Peer Name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslPeerName As String
```

C#

```
public string MqcdSslPeerName { get; set; }
```

C++

```
public:
property String^ MqcdSslPeerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslPeerName ()

/** @property */
public void set_MqcdSslPeerName (String value)
```

JScript

```
public function get MqcdSslPeerName () : String

public function set MqcdSslPeerName (value : String)
```

## Property Value

The Mqcd SSL Peer Name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdTransportType Property

Gets or sets the Mqcd Transport Type.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdTransportType As String
```

C#

```
public string MqcdTransportType { get; set; }
```

C++

```
public:
property String^ MqcdTransportType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdTransportType ()

/** @property */
public void set_MqcdTransportType (String value)
```

JScript

```
public function get MqcdTransportType () : String

public function set MqcdTransportType (value : String)
```

## Property Value

The Mqcd Transport Type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqcdUserIdentifier Property

Gets or sets the Mqcd User Identifier.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdUserIdentifier As String
```

C#

```
public string MqcdUserIdentifier { get; set; }
```

C++

```
public:
property String^ MqcdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdUserIdentifier ()

/** @property */
public void set_MqcdUserIdentifier (String value)
```

JScript

```
public function get MqcdUserIdentifier () : String

public function set MqcdUserIdentifier (value : String)
```

## Property Value

The Mqcd User Identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding.MqgmoCompleteMessage Property

Gets or sets the Mqgmo Complete Message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoCompleteMessage As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoCompleteMessage { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoCompleteMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoCompleteMessage ()

/** @property */
public void set_MqgmoCompleteMessage (Nullable<boolean> value)
```

JScript

```
public function get MqgmoCompleteMessage () : Nullable<boolean>

public function set MqgmoCompleteMessage (value : Nullable<boolean>)
```

## Property Value

The Mqgmo Complete Message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqgmoConvert Property

Gets or sets the Mqgmo Convert.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoConvert As String
```

C#

```
public string MqgmoConvert { get; set; }
```

C++

```
public:
property String^ MqgmoConvert {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqgmoConvert ()

/** @property */
public void set_MqgmoConvert (String value)
```

JScript

```
public function get MqgmoConvert () : String

public function set MqgmoConvert (value : String)
```

## Property Value

The Mqgmo Convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqgmoLogicalOrder Property

Gets or sets whether the Mqgmo is in Logical Order.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoLogicalOrder { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoLogicalOrder ()

/** @property */
public void set_MqgmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqgmoLogicalOrder () : Nullable<boolean>

public function set MqgmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

**True** if the Mqgmo is in Logical Order; otherwise, **false**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqgmoSyncPoint Property

Gets or sets the Mqgmo Sync Point.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoSyncPoint As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoSyncPoint { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoSyncPoint ()

/** @property */
public void set_MqgmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqgmoSyncPoint () : Nullable<boolean>

public function set MqgmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The Mqgmo Sync Point.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqgmoWaitInterval Property

Gets or sets the Mqgmo Wait Interval.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoWaitInterval As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqgmoWaitInterval { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqgmoWaitInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqgmoWaitInterval ()

/** @property */
public void set_MqgmoWaitInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqgmoWaitInterval () : Nullable<uint>

public function set MqgmoWaitInterval (value : Nullable<uint>)
```

## Property Value

The Mqgmo Wait Interval.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqmdFormat Property

Gets or sets the Mqmd Format.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdFormat As String
```

C#

```
public string MqmdFormat { get; set; }
```

C++

```
public:
property String^ MqmdFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdFormat ()

/** @property */
public void set_MqmdFormat (String value)
```

JScript

```
public function get MqmdFormat () : String

public function set MqmdFormat (value : String)
```

## Property Value

The Mqmd Format.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqmdPutApplicationName Property

Gets or sets the Mqmd Put Application Name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdPutApplicationName As String
```

C#

```
public string MqmdPutApplicationName { get; set; }
```

C++

```
public:
property String^ MqmdPutApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdPutApplicationName ()

/** @property */
public void set_MqmdPutApplicationName (String value)
```

JScript

```
public function get MqmdPutApplicationName () : String

public function set MqmdPutApplicationName (value : String)
```

## Property Value

The Mqmd Put Application Name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqmdReplyToQueue Property

Gets or sets the Mqmd reply to Queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdReplyToQueue As String
```

C#

```
public string MqmdReplyToQueue { get; set; }
```

C++

```
public:
property String^ MqmdReplyToQueue {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueue ()

/** @property */
public void set_MqmdReplyToQueue (String value)
```

JScript

```
public function get MqmdReplyToQueue () : String

public function set MqmdReplyToQueue (value : String)
```

## Property Value

The Mqmd reply to Queue.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding.MqmdReplyToQueueManager Property

Gets or sets the Mqmd Reply to Queue Manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdReplyToQueueManager As String
```

C#

```
public string MqmdReplyToQueueManager { get; set; }
```

C++

```
public:
property String^ MqmdReplyToQueueManager {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueueManager ()

/** @property */
public void set_MqmdReplyToQueueManager (String value)
```

JScript

```
public function get MqmdReplyToQueueManager () : String

public function set MqmdReplyToQueueManager (value : String)
```

## Property Value

The Mqmd Reply to Queue Manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqmdSegmentationAllowed Property

Gets or sets whether the Mqmd Segmentation is allowed.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdSegmentationAllowed As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqmdSegmentationAllowed { get; set; }
```

C++

```
public:
property Nullable<bool> MqmdSegmentationAllowed {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqmdSegmentationAllowed ()

/** @property */
public void set_MqmdSegmentationAllowed (Nullable<boolean> value)
```

JScript

```
public function get MqmdSegmentationAllowed () : Nullable<boolean>

public function set MqmdSegmentationAllowed (value : Nullable<boolean>)
```

## Property Value

**True** if the Mqmd Segmentation is allowed; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqmdUserIdentifier Property

Gets or sets the Mqmd User Identifier.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdUserIdentifier As String
```

C#

```
public string MqmdUserIdentifier { get; set; }
```

C++

```
public:
property String^ MqmdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdUserIdentifier ()

/** @property */
public void set_MqmdUserIdentifier (String value)
```

JScript

```
public function get MqmdUserIdentifier () : String

public function set MqmdUserIdentifier (value : String)
```

## Property Value

The Mqmd User Identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqpmoLogicalOrder Property

Gets or sets whether the Mqpmo Logical Order is used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqpmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqpmoLogicalOrder { get; set; }
```

C++

```
public:
property Nullable<bool> MqpmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoLogicalOrder ()

/** @property */
public void set_MqpmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqpmoLogicalOrder () : Nullable<boolean>

public function set MqpmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

**True** if the Mqpmo Logical Order is used; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqpmoSyncPoint Property

Gets or sets if the Mqpmo Sync Point is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqpmoSyncPoint As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqpmoSyncPoint { get; set; }
```

C++

```
public:
property Nullable<bool> MqpmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoSyncPoint ()

/** @property */
public void set_MqpmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqpmoSyncPoint () : Nullable<boolean>

public function set MqpmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

**True** if the Mqpmo Sync Point is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.MqscoSslKeyRepository Property

Gets or sets the Mqscos SSL Key Repository.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqscoSslKeyRepository As String
```

C#

```
public string MqscoSslKeyRepository { get; set; }
```

C++

```
public:
property String^ MqscoSslKeyRepository {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqscoSslKeyRepository ()

/** @property */
public void set_MqscoSslKeyRepository (String value)
```

JScript

```
public function get MqscoSslKeyRepository () : String

public function set MqscoSslKeyRepository (value : String)
```

## Property Value

The Mqscos SSL Key Repository.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.ReaderQuotas Property

Gets constraints on the complexity of SOAP messages that can be processed by endpoints configured with the binding.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable ReadOnly Property ReaderQuotas As XmlDictionaryReaderQuotas
```

C#

```
public virtual XmlDictionaryReaderQuotas ReaderQuotas { get; }
```

C++

```
public:
virtual property XmlDictionaryReaderQuotas^ ReaderQuotas {
    XmlDictionaryReaderQuotas^ get ();
}
```

J#

```
/** @property */
public XmlDictionaryReaderQuotas get_ReaderQuotas ()
```

JScript

```
public function get ReaderQuotas () : XmlDictionaryReaderQuotas
```

## Property Value

The constraints on the complexity of SOAP messages that can be processed by endpoints configured with the binding.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.ReceiveContextEnabled Property

Gets or sets a value that indicates whether the receive context is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReceiveContextEnabled As Boolean
```

C#

```
public bool ReceiveContextEnabled { get; set; }
```

C++

```
public:
property bool ReceiveContextEnabled {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ReceiveContextEnabled ()

/** @property */
public void set_ReceiveContextEnabled (boolean value)
```

JScript

```
public function get ReceiveContextEnabled () : boolean

public function set ReceiveContextEnabled (value : boolean)
```

## Property Value

**True** if the receive context is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBinding.ReceiveContextValidityDuration Property

Gets or sets the validity duration of the receive context.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ReceiveContextValidityDuration As Integer
```

C#

```
public int ReceiveContextValidityDuration { get; set; }
```

C++

```
public:
property int ReceiveContextValidityDuration {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_ReceiveContextValidityDuration ()

/** @property */
public void set_ReceiveContextValidityDuration (int value)
```

JScript

```
public function get ReceiveContextValidityDuration () : int

public function set ReceiveContextValidityDuration (value : int)
```

## Property Value

The validity duration of the receive context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.Scheme Property

Gets the addressing scheme that is used by the [WebSphereMQBinding](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Scheme As String
```

C#

```
public override string Scheme { get; }
```

C++

```
public:
virtual property String^ Scheme {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_Scheme ()
```

JScript

```
public override function get Scheme () : String
```

## Property Value

The addressing scheme that is used by the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.TICorrelationID Property

Gets or sets the TI correlation identifier.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TICorrelationID As String
```

C#

```
public string TICorrelationID { get; set; }
```

C++

```
public:
property String^ TICorrelationID {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TICorrelationID ()

/** @property */
public void set_TICorrelationID (String value)
```

JScript

```
public function get TICorrelationID () : String

public function set TICorrelationID (value : String)
```

## Property Value

The TI correlation identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.Transaction Property

Gets or sets whether the send or receive needs to be performed in a transaction scope.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Transaction As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> Transaction { get; set; }
```

C++

```
public:
property Nullable<bool> Transaction {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_Transaction ()

/** @property */
public void set_Transaction (Nullable<boolean> value)
```

JScript

```
public function get Transaction () : Nullable<boolean>

public function set Transaction (value : Nullable<boolean>)
```

## Property Value

**True** if the send or receive needs to be performed in a transaction scope; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBinding.UsePersistentConnectionForSend Property

Gets or sets a property that indicates whether the transport uses a persistent connection for send.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UsePersistentConnectionForSend As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> UsePersistentConnectionForSend { get; set; }
```

C++

```
public:
property Nullable<bool> UsePersistentConnectionForSend {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_UsePersistentConnectionForSend ()

/** @property */
public void set_UsePersistentConnectionForSend (Nullable<boolean> value)
```

JScript

```
public function get UsePersistentConnectionForSend () : Nullable<boolean>

public function set UsePersistentConnectionForSend (value : Nullable<boolean>)
```

## Property Value

**True** if the transport uses a persistent connection for send; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBinding Class](#)

[WebSphereMQBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement Class

Represents the configuration element for the WebsphereMQBinding.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.Configuration.ConfigurationElement](#)

[System.ServiceModel.Configuration.ServiceModelConfigurationElement](#)

[System.ServiceModel.Configuration.StandardBindingElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBindingElement**

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBindingElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBindingElement](#)

Syntax

C#

```
public class WebSphereMQBindingElement : StandardBindingElement
```

C++

```
public ref class WebSphereMQBindingElement : StandardBindingElement
```



F#

```
type WebSphereMQBindingElement =  
    class  
        inherit StandardBindingElement  
    end
```












VB



































```
Public Class WebSphereMQBindingElement  
    Inherits StandardBindingElement
```










Constructors

Name	Description
 <a href="#">WebSphereMQBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQBindingElement</b> class.
 <a href="#">WebSphereMQBindingElement(String)</a>	Initializes a new instance of the <b>WebSphereMQBindingElement</b> class with the specified configuration name.
























Properties

Name	Description
 <a href="#">BindingElementType</a>	Gets the type of binding element for the specified <b>WebSphereMQBindingElement</b> object.(Overrides <a href="#">StandardBindingElement.BindingElementType</a> .)
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <b>WebSphereMQBindingElement</b> object.
 <a href="#">CurrentConfiguration</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.
 <a href="#">ElementInformation</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ElementProperty</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">EvaluationContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.
 <a href="#">HasContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)








 <a href="#">Item(ConfigurationProperty)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
 <a href="#">LockAllAttributesExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAllElementsExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAttributes</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockElements</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockItem</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <a href="#">WebSphereMQTransportElement</a> class. The default is <b>null</b> .
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <a href="#">WebSphereMQChannelConfigurationStrings</a> .
 <a href="#">Name</a>	(Inherited from <a href="#">StandardBindingElement</a> .)

 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack.(Overrides <a href="#">StandardBindingElement.Properties</a> .)
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(Binding)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">DeserializeElement(XmlReader, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetTransformedAssemblyString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetTransformedTypeString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Init()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">InitializeDefault()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">InitializeFrom(Binding)</a>	Initializes the binding element with the content from the specified binding.(Overrides <a href="#">StandardBindingElement.InitializeFrom(Binding)</a> .)
 <a href="#">IsModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">IsReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ListErrors(IList)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">OnApplyConfiguration(Binding)</a>	Applies the settings of the configuration element to the <b>WebSphereMQBindingElement</b> object.(Overrides <a href="#">StandardBindingElement.OnApplyConfiguration(Binding)</a> .)
 <a href="#">OnDeserializeUnrecognizedAttribute(String, String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">OnDeserializeUnrecognizedElement(String, XmlReader)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">OnRequiredPropertyNotFound(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">PostDeserialize()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">PreSerialize(XmlWriter)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Reset(ConfigurationElement)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">ResetModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)



 <a href="#">SerializeElement(XmlWriter, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement.</a> )
 <a href="#">SerializeToXmlElement(XmlWriter, String)</a>	(Inherited from <a href="#">ConfigurationElement.</a> )
 <a href="#">SetPropertyValue(ConfigurationProperty, Object, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement.</a> )
 <a href="#">SetPropertyValuelIfNotDefaultValue&lt;'T&gt;(String, 'T)</a>	(Inherited from <a href="#">ServiceModelConfigurationElement.</a> )
 <a href="#">SetReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">Unmerge(ConfigurationElement, ConfigurationElement, ConfigurationSaveMode)</a>	(Inherited from <a href="#">ConfigurationElement.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQBindingElement Members

Represents the configuration element for the WebsphereMQBinding.



The following tables list the members exposed by the [WebSphereMQBindingElement](#) type.












## Public Constructors

Name	Description
<a href="#">WebSphereMQBindingElement</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQBindingElement</a> class.

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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <b>WebSphereMQBindingElement</b> object.
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> .

 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> .
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.








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#### Protected Properties

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <b>WebSphereMQBindingElement</b> object.
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Overridden. Returns a typed object requested, if present, from the appropriate layer in the binding stack.

















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#### Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

Name	Description
 <a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeFrom</a>	Overridden. Initializes the binding element with the content from the specified binding.
 <a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">OnApplyConfiguration</a>	Overridden. Applies the settings of the configuration element to the <b>WebSphereMQBindingElement</b> object.
 <a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )

 <a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

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See Also

#### Reference

[WebSphereMQBindingElement Class](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement Constructor

Initializes a new instance of the [WebSphereMQBindingElement](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

## Overload List

	Name	Description
	<a href="#">WebSphereMQBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQBindingElement</a> class.
	<a href="#">WebSphereMQBindingElement(String)</a>	Initializes a new instance of the <a href="#">WebSphereMQBindingElement</a> class with the specified configuration name.

See Also  
[WebSphereMQBindingElement Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)  
**WebSphereMQBindingElement Constructor ()**  
Initializes a new instance of the [WebSphereMQBindingElement](#) class.

## Syntax

```
C#  
  
public WebSphereMQBindingElement()
```

```
C++  
  
public:  
    WebSphereMQBindingElement()
```

```
F#  
  
new : unit -> WebSphereMQBindingElement
```

```
VB  
  
Public Sub New
```

[Return to top](#)  
**WebSphereMQBindingElement Constructor (String)**  
Initializes a new instance of the [WebSphereMQBindingElement](#) class with the specified configuration name.

## Syntax

```
C#  
  
public WebSphereMQBindingElement(  
    string configurationName  
)
```

```
C++  
  
public:  
    WebSphereMQBindingElement(  
        String^ configurationName  
)
```

```
F#  
  
new :
```

```
configurationName:string -> WebSphereMQBindingElement
```

VB

```
Public Sub New (  
    configurationName As String  
)
```

**Parameters**

*configurationName*

Type: [System.String](#)

The configuration name of the specified object.

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# WebSphereMQBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQBindingElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WebSphereMQBindingElement ()
```

C++

```
public:  
WebSphereMQBindingElement ()
```

J#

```
public WebSphereMQBindingElement ()
```

JScript

```
public function WebSphereMQBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement Constructor (String)

Initializes a new instance of the [WebSphereMQBindingElement](#) class with the specified configuration name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQBindingElement (
    string configurationName
)
```

C++

```
public:
    WebSphereMQBindingElement (
        String^ configurationName
    )
```

J#

```
public WebSphereMQBindingElement (
    String configurationName
)
```

JScript

```
public function WebSphereMQBindingElement (
    configurationName : String
)
```

## Parameters

configurationName

The configuration name of the specified object.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)









[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)


























# WebSphereMQBindingElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	Overridden. Initializes the binding element with the content from the specified binding.
	<a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnApplyConfiguration</a>	Overridden. Applies the settings of the configuration element to the <a href="#">WebSphereMQBindingElement</a> object.
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.InitializeFrom Method

Initializes the binding element with the content from the specified binding.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InitializeFrom ( _
    binding As Binding _
)
```

C#

```
protected override void InitializeFrom (
    Binding binding
)
```

C++

```
protected:
virtual void InitializeFrom (
    Binding^ binding
) override
```

J#

```
protected void InitializeFrom (
    Binding binding
)
```

JScript

```
protected override function InitializeFrom (
    binding : Binding
)
```

## Parameters

binding

The binding that is used to initialize this binding element.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.OnApplyConfiguration Method

Applies the settings of the configuration element to the [WebSphereMQBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub OnApplyConfiguration ( _
    binding As Binding _
)
```

C#

```
protected override void OnApplyConfiguration (
    Binding binding
)
```

C++

```
protected:
virtual void OnApplyConfiguration (
    Binding^ binding
) override
```

J#

```
protected void OnApplyConfiguration (
    Binding binding
)
```

JScript

```
protected override function OnApplyConfiguration (
    binding : Binding
)
```

## Parameters

binding

The binding that contains the settings that are applied.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[WebSphereMQBindingElement Class](#)








[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)






# WebSphereMQBindingElement Properties

Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object.
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> .
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqskoSslKeyRepository</a>	Gets or sets a value of the MqskoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> .
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )

 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.

#### Protected Properties

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <b>WebSphereMQBindingElement</b> object.
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Overridden. Returns a typed object requested, if present, from the appropriate layer in the binding stack.

See Also

#### Reference

[WebSphereMQBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.BindingElementType Property

Gets the type of binding element for the specified [WebSphereMQBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property BindingElementType As Type
```

C#

```
protected override Type BindingElementType { get; }
```

C++

```
protected:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
protected Type get_BindingElementType ()
```

JScript

```
protected override function get BindingElementType () : Type
```

## Property Value

The type of binding element for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.ClusterQueueManagerName Property

Gets or sets the Cluster Queue Manager name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<StringValidatorAttribute(InvalidCharacters:=" ~!@#$$%^&*()[\]{};/;' " & ChrW(34) & "\"\", MinLength:=1, MaxLength:=60)> _
<ConfigurationPropertyAttribute("clusterQueueManagerName", DefaultValue:=Nothing)> _
Public Property ClusterQueueManagerName As String
```

C#

```
[StringValidatorAttribute(InvalidCharacters=" ~!@#$$%^&*()[\]{};/;\'\"|\\", MinLength=1, MaxLength=60)]
[ConfigurationPropertyAttribute("clusterQueueManagerName", DefaultValue=null)]
public string ClusterQueueManagerName { get; set; }
```

C++

```
[StringValidatorAttribute(InvalidCharacters=L" ~!@#$$%^&*()[\]{};/;'\"|\\", MinLength=1, MaxLength=60)]
[ConfigurationPropertyAttribute(L"clusterQueueManagerName", DefaultValue=nullptr)]
public:
property String^ ClusterQueueManagerName {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClusterQueueManagerName ()

/** @property */
public void set_ClusterQueueManagerName (String value)
```

JScript

```
public function get ClusterQueueManagerName () : String

public function set ClusterQueueManagerName (value : String)
```

## Property Value

A value of the Cluster Queue Manager name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

**Reference**[WebSphereMQBindingElement Class](#)[WebSphereMQBindingElement Members](#)[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBindingElement.ConnectionType Property

Gets the type of connection for the specified [WebSphereMQBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("connectionType", DefaultValue:=Nothing)> _
<StringValidatorAttribute(MinLength:=0, MaxLength:=256, InvalidCharacters:=Nothing)> _
Public Property ConnectionType As String
```

C#

```
[ConfigurationPropertyAttribute("connectionType", DefaultValue=null)]
[StringValidatorAttribute(MinLength=0, MaxLength=256, InvalidCharacters=null)]
public string ConnectionType { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"connectionType", DefaultValue=nullptr)]
[StringValidatorAttribute(MinLength=0, MaxLength=256, InvalidCharacters=nullptr)]
public:
property String^ ConnectionType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ConnectionType ()

/** @property */
public void set_ConnectionType (String value)
```

JScript

```
public function get ConnectionType () : String

public function set ConnectionType (value : String)
```

## Property Value

The type of connection for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.DeadLetterQueue Property

Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("deadLetterQueue", DefaultValue:=Nothing)> _
Public Property DeadLetterQueue As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("deadLetterQueue", DefaultValue=null)]
public Nullable<bool> DeadLetterQueue { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"deadLetterQueue", DefaultValue=nullptr)]
public:
property Nullable<bool> DeadLetterQueue {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_DeadLetterQueue ()

/** @property */
public void set_DeadLetterQueue (Nullable<boolean> value)
```

JScript

```
public function get DeadLetterQueue () : Nullable<boolean>

public function set DeadLetterQueue (value : Nullable<boolean>)
```

## Property Value

**True** if the specified setting of the dead-letter queue is applied; otherwise, **false**. The default value is **null**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.ExtensibleMQHeaders Property

Gets or sets the extensible message queue headers for the specified object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("extensibleMQHeaders", DefaultValue:=Nothing)> _
Public Property ExtensibleMQHeaders As String
```

C#

```
[ConfigurationPropertyAttribute("extensibleMQHeaders", DefaultValue=null)]
public string ExtensibleMQHeaders { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"extensibleMQHeaders", DefaultValue=nullptr)]
public:
property String^ ExtensibleMQHeaders {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ExtensibleMQHeaders ()

/** @property */
public void set_ExtensibleMQHeaders (String value)
```

JScript

```
public function get ExtensibleMQHeaders () : String

public function set ExtensibleMQHeaders (value : String)
```

## Property Value

The extensible message queue headers for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.LeaveMQHeadersInMessage Property

Gets or sets the header message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("leaveMQHeadersInMessage", DefaultValue:=Nothing)> _
Public Property LeaveMQHeadersInMessage As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("leaveMQHeadersInMessage", DefaultValue=null)]
public Nullable<bool> LeaveMQHeadersInMessage { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"leaveMQHeadersInMessage", DefaultValue=nullptr)]
public:
property Nullable<bool> LeaveMQHeadersInMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_LeaveMQHeadersInMessage ()

/** @property */
public void set_LeaveMQHeadersInMessage (Nullable<boolean> value)
```

JScript

```
public function get LeaveMQHeadersInMessage () : Nullable<boolean>

public function set LeaveMQHeadersInMessage (value : Nullable<boolean>)
```

## Property Value

The header message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdChannelName Property

Gets or sets a value for the Channel Name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdChannelName", DefaultValue:=Nothing)> _
Public Property MqcdChannelName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdChannelName", DefaultValue=null)]
public string MqcdChannelName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdChannelName", DefaultValue=nullptr)]
public:
property String^ MqcdChannelName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdChannelName ()

/** @property */
public void set_MqcdChannelName (String value)
```

JScript

```
public function get MqcdChannelName () : String

public function set MqcdChannelName (value : String)
```

## Property Value

A value for the Channel Name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdConnectionName Property

Gets or sets the connection name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdConnectionName", DefaultValue:=Nothing)> _
Public Property MqcdConnectionName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdConnectionName", DefaultValue=null)]
public string MqcdConnectionName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdConnectionName", DefaultValue=nullptr)]
public:
property String^ MqcdConnectionName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdConnectionName ()

/** @property */
public void set_MqcdConnectionName (String value)
```

JScript

```
public function get MqcdConnectionName () : String

public function set MqcdConnectionName (value : String)
```

## Property Value

A value that represents the connection name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdHeartBeatInterval Property

Gets or sets the interval used by the application domain.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdHeartBeatInterval", DefaultValue:=Nothing)> _
Public Property MqcdHeartBeatInterval As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqcdHeartBeatInterval", DefaultValue=null)]
public Nullable<uint> MqcdHeartBeatInterval { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdHeartBeatInterval", DefaultValue=nullptr)]
public:
property Nullable<unsigned int> MqcdHeartBeatInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdHeartBeatInterval ()

/** @property */
public void set_MqcdHeartBeatInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqcdHeartBeatInterval () : Nullable<uint>

public function set MqcdHeartBeatInterval (value : Nullable<uint>)
```

## Property Value

The interval used by the application domain.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdMaximumMessageLength Property

Gets or sets the specified maximum message length.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdMaximumMessageLength", DefaultValue:=Nothing)> _
<IntegerValidatorAttribute(MinValue:=1, MaxValue:=10000000, ExcludeRange:=True)> _
Public Property MqcdMaximumMessageLength As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqcdMaximumMessageLength", DefaultValue=null)]
[IntegerValidatorAttribute(MinValue=1, MaxValue=10000000, ExcludeRange=true)]
public Nullable<uint> MqcdMaximumMessageLength { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdMaximumMessageLength", DefaultValue=nullptr)]
[IntegerValidatorAttribute(MinValue=1, MaxValue=10000000, ExcludeRange=true)]
public:
property Nullable<unsigned int> MqcdMaximumMessageLength {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdMaximumMessageLength ()

/** @property */
public void set_MqcdMaximumMessageLength (Nullable<UInt32> value)
```

JScript

```
public function get MqcdMaximumMessageLength () : Nullable<uint>

public function set MqcdMaximumMessageLength (value : Nullable<uint>)
```

## Property Value

A number representing the maximum message length.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)





# WebSphereMQBindingElement.MqcdPassword Property

Gets or sets the password to use when authenticating the client.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdPassword", DefaultValue:=Nothing)> _
Public Property MqcdPassword As SecureString
```

C#

```
[ConfigurationPropertyAttribute("mqcdPassword", DefaultValue=null)]
public SecureString MqcdPassword { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdPassword", DefaultValue=nullptr)]
public:
property SecureString^ MqcdPassword {
    SecureString^ get ();
    void set (SecureString^ value);
}
```

J#

```
/** @property */
public SecureString get_MqcdPassword ()

/** @property */
public void set_MqcdPassword (SecureString value)
```

JScript

```
public function get MqcdPassword () : SecureString

public function set MqcdPassword (value : SecureString)
```

## Property Value

The password to use when authenticating the client.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdSslCipherSpecification Property

Gets or sets the string value of the MqcdSslCipherSpecification in the [WebSphereMQChannelConfigurationStrings](#).class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslCipherSpecification", DefaultValue:=Nothing)> _
Public Property MqcdSslCipherSpecification As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslCipherSpecification", DefaultValue=null)]
public string MqcdSslCipherSpecification { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslCipherSpecification", DefaultValue=nullptr)]
public:
property String^ MqcdSslCipherSpecification {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslCipherSpecification ()

/** @property */
public void set_MqcdSslCipherSpecification (String value)
```

JScript

```
public function get MqcdSslCipherSpecification () : String

public function set MqcdSslCipherSpecification (value : String)
```

## Property Value

The string value of the MqcdSslCipherSpecification. The default is **null**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdSslClientAuthentication Property

Gets or sets the required client authentication.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslClientAuthentication", DefaultValue:=Nothing)> _
Public Property MqcdSslClientAuthentication As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslClientAuthentication", DefaultValue=null)]
public Nullable<bool> MqcdSslClientAuthentication { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslClientAuthentication", DefaultValue=nullptr)]
public:
property Nullable<bool> MqcdSslClientAuthentication {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqcdSslClientAuthentication ()

/** @property */
public void set_MqcdSslClientAuthentication (Nullable<boolean> value)
```

JScript

```
public function get MqcdSslClientAuthentication () : Nullable<boolean>

public function set MqcdSslClientAuthentication (value : Nullable<boolean>)
```

## Property Value

The required client authentication.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdSslPeerName Property

Gets or sets the peer name for the [WebSphereMQBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslPeerName", DefaultValue:=Nothing)> _
Public Property MqcdSslPeerName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslPeerName", DefaultValue=null)]
public string MqcdSslPeerName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslPeerName", DefaultValue=nullptr)]
public:
property String^ MqcdSslPeerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslPeerName ()

/** @property */
public void set_MqcdSslPeerName (String value)
```

JScript

```
public function get MqcdSslPeerName () : String

public function set MqcdSslPeerName (value : String)
```

## Property Value

A value for the peer name used in the class.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdTransportType Property

Gets or sets the transport type of the [WebSphereMQBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdTransportType", DefaultValue:=Nothing)> _
Public Property MqcdTransportType As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdTransportType", DefaultValue=null)]
public string MqcdTransportType { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdTransportType", DefaultValue=nullptr)]
public:
property String^ MqcdTransportType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdTransportType ()

/** @property */
public void set_MqcdTransportType (String value)
```

JScript

```
public function get MqcdTransportType () : String

public function set MqcdTransportType (value : String)
```

## Property Value

The transport type of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqcdUserIdentifier Property

Gets or sets the unique identifier for the user.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdUserIdentifier", DefaultValue:=Nothing)> _
Public Property MqcdUserIdentifier As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdUserIdentifier", DefaultValue=null)]
public string MqcdUserIdentifier { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdUserIdentifier", DefaultValue=nullptr)]
public:
property String^ MqcdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdUserIdentifier ()

/** @property */
public void set_MqcdUserIdentifier (String value)
```

JScript

```
public function get MqcdUserIdentifier () : String

public function set MqcdUserIdentifier (value : String)
```

## Property Value

The unique identifier for the user.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqgmoCompleteMessage Property

Gets or sets the complete message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoCompleteMessage", DefaultValue:=Nothing)> _
Public Property MqgmoCompleteMessage As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoCompleteMessage", DefaultValue=null)]
public Nullable<bool> MqgmoCompleteMessage { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoCompleteMessage", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoCompleteMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoCompleteMessage ()

/** @property */
public void set_MqgmoCompleteMessage (Nullable<boolean> value)
```

JScript

```
public function get MqgmoCompleteMessage () : Nullable<boolean>

public function set MqgmoCompleteMessage (value : Nullable<boolean>)
```

## Property Value

The complete message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBindingElement.MqgmoConvert Property

Gets or sets the specified object to convert.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoConvert", DefaultValue:=Nothing)> _
Public Property MqgmoConvert As String
```

C#

```
[ConfigurationPropertyAttribute("mqgmoConvert", DefaultValue=null)]
public string MqgmoConvert { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoConvert", DefaultValue=nullptr)]
public:
property String^ MqgmoConvert {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqgmoConvert ()

/** @property */
public void set_MqgmoConvert (String value)
```

JScript

```
public function get MqgmoConvert () : String

public function set MqgmoConvert (value : String)
```

## Property Value

The specified object to convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqgmoLogicalOrder Property

Gets or sets the logical order for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoLogicalOrder", DefaultValue:=Nothing)> _
Public Property MqgmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoLogicalOrder", DefaultValue=null)]
public Nullable<bool> MqgmoLogicalOrder { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoLogicalOrder", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoLogicalOrder ()

/** @property */
public void set_MqgmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqgmoLogicalOrder () : Nullable<boolean>

public function set MqgmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqgmoSyncPoint Property

Gets or sets the synchronization point of the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoSyncPoint", DefaultValue:=Nothing)> _
Public Property MqgmoSyncPoint As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoSyncPoint", DefaultValue=null)]
public Nullable<bool> MqgmoSyncPoint { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoSyncPoint", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoSyncPoint ()

/** @property */
public void set_MqgmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqgmoSyncPoint () : Nullable<boolean>

public function set MqgmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The synchronization point of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqgmoWaitInterval Property

Gets or sets the wait interval before getting the message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoWaitInterval", DefaultValue:=Nothing)> _
Public Property MqgmoWaitInterval As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoWaitInterval", DefaultValue=null)]
public Nullable<uint> MqgmoWaitInterval { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoWaitInterval", DefaultValue=nullptr)]
public:
property Nullable<unsigned int> MqgmoWaitInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqgmoWaitInterval ()

/** @property */
public void set_MqgmoWaitInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqgmoWaitInterval () : Nullable<uint>

public function set MqgmoWaitInterval (value : Nullable<uint>)
```

## Property Value

The wait interval before getting the message.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqmdFormat Property

Gets or sets the specified format of the objects used in the class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdFormat", DefaultValue:=Nothing)> _
Public Property MqmdFormat As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdFormat", DefaultValue=null)]
public string MqmdFormat { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdFormat", DefaultValue=nullptr)]
public:
property String^ MqmdFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdFormat ()

/** @property */
public void set_MqmdFormat (String value)
```

JScript

```
public function get MqmdFormat () : String

public function set MqmdFormat (value : String)
```

## Property Value

The format of the object used in the class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqmdPutApplicationName Property

Gets or sets the Application name to put in the Mqmd.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdPutApplicationName", DefaultValue:=Nothing)> _
Public Property MqmdPutApplicationName As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdPutApplicationName", DefaultValue=null)]
public string MqmdPutApplicationName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdPutApplicationName", DefaultValue=nullptr)]
public:
property String^ MqmdPutApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdPutApplicationName ()

/** @property */
public void set_MqmdPutApplicationName (String value)
```

JScript

```
public function get MqmdPutApplicationName () : String

public function set MqmdPutApplicationName (value : String)
```

## Property Value

The name of the Application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqmdReplyToQueue Property

Gets or sets the responses that will be delivered to the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdReplyToQueue", DefaultValue:=Nothing)> _
Public Property MqmdReplyToQueue As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdReplyToQueue", DefaultValue=null)]
public string MqmdReplyToQueue { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdReplyToQueue", DefaultValue=nullptr)]
public:
property String^ MqmdReplyToQueue {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueue ()

/** @property */
public void set_MqmdReplyToQueue (String value)
```

JScript

```
public function get MqmdReplyToQueue () : String

public function set MqmdReplyToQueue (value : String)
```

## Property Value

The responses that will be delivered to the queue.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqmdReplyToQueueManager Property

Gets or sets the responses that will be delivered to the queue manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdReplyToQueueManager", DefaultValue:=Nothing)> _
Public Property MqmdReplyToQueueManager As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdReplyToQueueManager", DefaultValue=null)]
public string MqmdReplyToQueueManager { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdReplyToQueueManager", DefaultValue=nullptr)]
public:
property String^ MqmdReplyToQueueManager {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueueManager ()

/** @property */
public void set_MqmdReplyToQueueManager (String value)
```

JScript

```
public function get MqmdReplyToQueueManager () : String

public function set MqmdReplyToQueueManager (value : String)
```

## Property Value

The responses that will be delivered to the queue manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBindingElement.MqmdSegmentationAllowed Property

Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdSegmentationAllowed", DefaultValue:=Nothing)> _
Public Property MqmdSegmentationAllowed As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqmdSegmentationAllowed", DefaultValue=null)]
public Nullable<bool> MqmdSegmentationAllowed { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdSegmentationAllowed", DefaultValue=nullptr)]
public:
property Nullable<bool> MqmdSegmentationAllowed {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqmdSegmentationAllowed ()

/** @property */
public void set_MqmdSegmentationAllowed (Nullable<boolean> value)
```

JScript

```
public function get MqmdSegmentationAllowed () : Nullable<boolean>

public function set MqmdSegmentationAllowed (value : Nullable<boolean>)
```

## Property Value

**True** if the individual message exceeds the MQSeries queue maximum message length; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqmdUserIdentifier Property

Gets or sets the universal identifier found in the Mqmd.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdUserIdentifier", DefaultValue:=Nothing)> _
Public Property MqmdUserIdentifier As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdUserIdentifier", DefaultValue=null)]
public string MqmdUserIdentifier { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdUserIdentifier", DefaultValue=nullptr)]
public:
property String^ MqmdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdUserIdentifier ()

/** @property */
public void set_MqmdUserIdentifier (String value)
```

JScript

```
public function get MqmdUserIdentifier () : String

public function set MqmdUserIdentifier (value : String)
```

## Property Value

The value of the Universal Identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqpmoLogicalOrder Property

Gets or sets the logical order of the [WebSphereMQTransportElement](#) class. The default is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqpmoLogicalOrder", DefaultValue:=Nothing)> _
Public Property MqpmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqpmoLogicalOrder", DefaultValue=null)]
public Nullable<bool> MqpmoLogicalOrder { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqpmoLogicalOrder", DefaultValue=nullptr)]
public:
property Nullable<bool> MqpmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoLogicalOrder ()

/** @property */
public void set_MqpmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqpmoLogicalOrder () : Nullable<boolean>

public function set MqpmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqpmoSyncPoint Property

Gets or sets the synchronization point of the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqpmoSyncPoint", DefaultValue:=Nothing)> _
Public Property MqpmoSyncPoint As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqpmoSyncPoint", DefaultValue=null)]
public Nullable<bool> MqpmoSyncPoint { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqpmoSyncPoint", DefaultValue=nullptr)]
public:
property Nullable<bool> MqpmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoSyncPoint ()

/** @property */
public void set_MqpmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqpmoSyncPoint () : Nullable<boolean>

public function set MqpmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The synchronization point of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.MqscoSslKeyRepository Property

Gets or sets a value of the MqscoSslKeyRepository in the specified [WebSphereMQChannelConfigurationStrings](#).

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqscoSslKeyRepository", DefaultValue:=Nothing)> _
Public Property MqscoSslKeyRepository As String
```

C#

```
[ConfigurationPropertyAttribute("mqscoSslKeyRepository", DefaultValue=null)]
public string MqscoSslKeyRepository { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqscoSslKeyRepository", DefaultValue=nullptr)]
public:
property String^ MqscoSslKeyRepository {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqscoSslKeyRepository ()

/** @property */
public void set_MqscoSslKeyRepository (String value)
```

JScript

```
public function get MqscoSslKeyRepository () : String

public function set MqscoSslKeyRepository (value : String)
```

## Property Value

The string value of the MqscoSslKeyRepository. The default is **null**.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.Properties Property

Returns a typed object requested, if present, from the appropriate layer in the binding stack.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property Properties As ConfigurationPropertyCollection
```

C#

```
protected override ConfigurationPropertyCollection Properties { get; }
```

C++

```
protected:
virtual property ConfigurationPropertyCollection^ Properties {
    ConfigurationPropertyCollection^ get () override;
}
```

J#

```
/** @property */
protected ConfigurationPropertyCollection get_Properties ()
```

JScript

```
protected override function get Properties () : ConfigurationPropertyCollection
```

## Property Value

The type object requested.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.ReaderQuotas Property

Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("readerQuotas", DefaultValue:=Nothing)> _
Public Property ReaderQuotas As XmlDictionaryReaderQuotasElement
```

C#

```
[ConfigurationPropertyAttribute("readerQuotas", DefaultValue=null)]
public XmlDictionaryReaderQuotasElement ReaderQuotas { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"readerQuotas", DefaultValue=nullptr)]
public:
property XmlDictionaryReaderQuotasElement^ ReaderQuotas {
    XmlDictionaryReaderQuotasElement^ get ();
    void set (XmlDictionaryReaderQuotasElement^ value);
}
```

J#

```
/** @property */
public XmlDictionaryReaderQuotasElement get_ReaderQuotas ()

/** @property */
public void set_ReaderQuotas (XmlDictionaryReaderQuotasElement value)
```

JScript

```
public function get ReaderQuotas () : XmlDictionaryReaderQuotasElement

public function set ReaderQuotas (value : XmlDictionaryReaderQuotasElement)
```

## Property Value

The constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.ReceiveContextEnabled Property

Gets or sets a value that indicates whether the receive context is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("receiveContextEnabled"> _
Public Property ReceiveContextEnabled As Boolean
```

C#

```
[ConfigurationPropertyAttribute("receiveContextEnabled")]
public bool ReceiveContextEnabled { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"receiveContextEnabled")]
public:
property bool ReceiveContextEnabled {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ReceiveContextEnabled ()

/** @property */
public void set_ReceiveContextEnabled (boolean value)
```

JScript

```
public function get ReceiveContextEnabled () : boolean

public function set ReceiveContextEnabled (value : boolean)
```

## Property Value

**True** if the receive context is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQBindingElement.ReceiveContextValidityDuration Property

Gets or sets the validity duration of the receive context.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("receiveContextValidityDuration")> _
Public Property ReceiveContextValidityDuration As Integer
```

C#

```
[ConfigurationPropertyAttribute("receiveContextValidityDuration")]
public int ReceiveContextValidityDuration { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"receiveContextValidityDuration")]
public:
property int ReceiveContextValidityDuration {
    int get ();
    void set (int value);
}
```

J#

```
/** @property */
public int get_ReceiveContextValidityDuration ()

/** @property */
public void set_ReceiveContextValidityDuration (int value)
```

JScript

```
public function get ReceiveContextValidityDuration () : int

public function set ReceiveContextValidityDuration (value : int)
```

## Property Value

The validity duration of the receive context. The default is 60 seconds.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.Transaction Property

Gets or sets the local transaction used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("transaction", DefaultValue:=Nothing)> _
Public Property Transaction As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("transaction", DefaultValue=null)]
public Nullable<bool> Transaction { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"transaction", DefaultValue=nullptr)]
public:
property Nullable<bool> Transaction {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_Transaction ()

/** @property */
public void set_Transaction (Nullable<boolean> value)
```

JScript

```
public function get Transaction () : Nullable<boolean>

public function set Transaction (value : Nullable<boolean>)
```

## Property Value

The local transaction used.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQBindingElement.UsePersistentConnectionForSend Property

Gets or sets a queue to send using the persistent connection.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("usePersistentConnectionForSend", DefaultValue:=Nothing)> _
Public Property UsePersistentConnectionForSend As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("usePersistentConnectionForSend", DefaultValue=null)]
public Nullable<bool> UsePersistentConnectionForSend { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"usePersistentConnectionForSend", DefaultValue=nullptr)]
public:
    property Nullable<bool> UsePersistentConnectionForSend {
        Nullable<bool> get ();
        void set (Nullable<bool> value);
    }
```

J#

```
/** @property */
public Nullable<boolean> get_UsePersistentConnectionForSend ()

/** @property */
public void set_UsePersistentConnectionForSend (Nullable<boolean> value)
```

JScript

```
public function get UsePersistentConnectionForSend () : Nullable<boolean>

public function set UsePersistentConnectionForSend (value : Nullable<boolean>)
```

## Property Value

The persistent connection to be used.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQBindingElement Class](#)

[WebSphereMQBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQChannelConfigurationStrings Class

Represents the configuration strings used in the server.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQChannelConfigurationStrings**

Syntax

C#

```
public sealed class WebSphereMQChannelConfigurationStrings
```

C++

```
public ref class WebSphereMQChannelConfigurationStrings sealed
```





F#

```
[<Sealed>]  
type WebSphereMQChannelConfigurationStrings = class end
```












VB


















```
Public NotInheritable Class WebSphereMQChannelConfigurationStrings
```

Methods

	Name	Description
	<a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
	<a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Fields

	Name	Description
	<a href="#">ClusterQueueManagerName</a>	The ClusterQueueManagerName configuration as a string.
	<a href="#">ConnectionType</a>	The ConnectionType configuration as a string.
	<a href="#">DeadLetterQueue</a>	The DeadLetterQueue configuration as a string.
	<a href="#">ExtensibleMQHeaders</a>	The ExtensibleMQHeaders configuration as a string.
	<a href="#">LeaveMQHeadersInMessage</a>	The LeaveMQHeadersInMessage configuration as a string.
	<a href="#">ManualAddressing</a>	The ManualAddressing configuration as a string.
	<a href="#">MaxBufferPoolSize</a>	The MaxBufferPoolSize configuration as a string.
	<a href="#">MaxReceivedMessageSize</a>	The MaxReceivedMessageSize configuration as a string.
	<a href="#">MoveMessageToBackoutQueue</a>	
	<a href="#">MqcdChannelName</a>	The MqcdChannelName configuration as a string.
	<a href="#">MqcdConnectionName</a>	The MqcdConnectionName configuration as a string.

  MqcdHeartBeatInterval	The MqcdHeartBeatInterval configuration as a string.
  MqcdMaximumMessageLength	The MqcdMaximumMessageLength configuration as a string.
  MqcdPassword	The MqcdPassword configuration as a string.
  MqcdSslCipherSpecification	The MqcdSslCipherSpecification configuration as a string.
  MqcdSslClientAuthentication	The MqcdSslClientAuthentication configuration as a string.
  MqcdSslPeerName	The MqcdSslPeerName configuration as a string.
  MqcdTransportType	The MqcdTransportType configuration as a string.
  MqcdUserIdentifier	The MqcdUserIdentifier configuration as a string.
  MqgmoCompleteMessage	The MqgmoCompleteMessage configuration as a string.
  MqgmoConvert	The MqgmoConvert configuration as a string.
  MqgmoLogicalOrder	The MqgmoLogicalOrder configuration as a string.
  MqgmoSyncPoint	The MqgmoSyncPoint configuration as a string.
  MqgmoWaitInterval	The MqgmoWaitInterval configuration as a string.
  MqmdFormat	The MqmdFormat configuration as a string.
  MqmdPutApplicationName	The MqmdPutApplicationName configuration as a string.
  MqmdReplyToQueue	The MqmdReplyToQueue configuration as a string.
  MqmdReplyToQueueManager	The MqmdReplyToQueueManager configuration as a string.
  MqmdSegmentationAllowed	The MqmdSegmentationAllowed configuration as a string.
  MqmdUserIdentifier	The MqmdUserIdentifier configuration as a string.
  MqpmoLogicalOrder	The MqpmoLogicalOrder configuration as a string.
  MqpmoSyncPoint	The MqpmoSyncPoint configuration as a string.
  MqscoSslKeyRepository	The MqscoSslKeyRepository configuration as a string.
  ReaderQuotas	The ReaderQuotas configuration as a string.
  ReceiveContextEnabled	The ReceiveContextEnabled configuration as a string.
  ReceiveContextValidityDuration	The ReceiveContextValidityDuration configuration as a string.
  Transaction	The Transaction configuration as a string.
  UsePersistentConnectionForSend	The UsePersistentConnectionForSend configuration as a string.

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)











































































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# WebSphereMQChannelConfigurationStrings Members

Represents the configuration strings used in the server.







The following tables list the members exposed by the [WebSphereMQChannelConfigurationStrings](#) type.

## Public Fields

	Name	Description
 	<a href="#">ClusterQueueManagerName</a>	The ClusterQueueManagerName configuration as a string.
 	<a href="#">ConnectionType</a>	The ConnectionType configuration as a string.
 	<a href="#">DeadLetterQueue</a>	The DeadLetterQueue configuration as a string.
 	<a href="#">ExtensibleMQHeaders</a>	The ExtensibleMQHeaders configuration as a string.
 	<a href="#">LeaveMQHeadersInMessage</a>	The LeaveMQHeadersInMessage configuration as a string.
 	<a href="#">ManualAddressing</a>	The ManualAddressing configuration as a string.
 	<a href="#">MaxBufferPoolSize</a>	The MaxBufferPoolSize configuration as a string.
 	<a href="#">MaxReceivedMessageSize</a>	The MaxReceivedMessageSize configuration as a string.
 	<a href="#">MqcdChannelName</a>	The MqcdChannelName configuration as a string.
 	<a href="#">MqcdConnectionName</a>	The MqcdConnectionName configuration as a string.
 	<a href="#">MqcdHeartBeatInterval</a>	The MqcdHeartBeatInterval configuration as a string.
 	<a href="#">MqcdMaximumMessageLength</a>	The MqcdMaximumMessageLength configuration as a string.
 	<a href="#">MqcdPassword</a>	The MqcdPassword configuration as a string.
 	<a href="#">MqcdSslCipherSpecification</a>	The MqcdSslCipherSpecification configuration as a string.
 	<a href="#">MqcdSslClientAuthentication</a>	The MqcdSslClientAuthentication configuration as a string.
 	<a href="#">MqcdSslPeerName</a>	The MqcdSslPeerName configuration as a string.
 	<a href="#">MqcdTransportType</a>	The MqcdTransportType configuration as a string.
 	<a href="#">MqcdUserIdentifier</a>	The MqcdUserIdentifier configuration as a string.
 	<a href="#">MqgmoCompleteMessage</a>	The MqgmoCompleteMessage configuration as a string.
 	<a href="#">MqgmoConvert</a>	The MqgmoConvert configuration as a string.
 	<a href="#">MqgmoLogicalOrder</a>	The MqgmoLogicalOrder configuration as a string.
 	<a href="#">MqgmoSyncPoint</a>	The MqgmoSyncPoint configuration as a string.
 	<a href="#">MqgmoWaitInterval</a>	The MqgmoWaitInterval configuration as a string.
 	<a href="#">MqmdFormat</a>	The MqmdFormat configuration as a string.
 	<a href="#">MqmdPutApplicationName</a>	The MqmdPutApplicationName configuration as a string.
 	<a href="#">MqmdReplyToQueue</a>	The MqmdReplyToQueue configuration as a string.
 	<a href="#">MqmdReplyToQueueManager</a>	The MqmdReplyToQueueManager configuration as a string.
 	<a href="#">MqmdSegmentationAllowed</a>	The MqmdSegmentationAllowed configuration as a string.
 	<a href="#">MqmdUserIdentifier</a>	The MqmdUserIdentifier configuration as a string.
 	<a href="#">MqpmoLogicalOrder</a>	The MqpmoLogicalOrder configuration as a string.
 	<a href="#">MqpmoSyncPoint</a>	The MqpmoSyncPoint configuration as a string.
 	<a href="#">MqskoSslKeyRepository</a>	The MqskoSslKeyRepository configuration as a string.
 	<a href="#">ReaderQuotas</a>	The ReaderQuotas configuration as a string.
 	<a href="#">ReceiveContextEnabled</a>	The ReceiveContextEnabled configuration as a string.
 	<a href="#">ReceiveContextValidityDuration</a>	The ReceiveContextValidityDuration configuration as a string.
 	<a href="#">Transaction</a>	The Transaction configuration as a string.
 	<a href="#">UsePersistentConnectionForSend</a>	The UsePersistentConnectionForSend configuration as a string.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also











































































#### Reference

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQChannelConfigurationStrings Fields

## Public Fields

	Name	Description
 	<a href="#">ClusterQueueManagerName</a>	The ClusterQueueManagerName configuration as a string.
 	<a href="#">ConnectionType</a>	The ConnectionType configuration as a string.
 	<a href="#">DeadLetterQueue</a>	The DeadLetterQueue configuration as a string.
 	<a href="#">ExtensibleMQHeaders</a>	The ExtensibleMQHeaders configuration as a string.
 	<a href="#">LeaveMQHeadersInMessage</a>	The LeaveMQHeadersInMessage configuration as a string.
 	<a href="#">ManualAddressing</a>	The ManualAddressing configuration as a string.
 	<a href="#">MaxBufferPoolSize</a>	The MaxBufferPoolSize configuration as a string.
 	<a href="#">MaxReceivedMessageSize</a>	The MaxReceivedMessageSize configuration as a string.
 	<a href="#">MqcdChannelName</a>	The MqcdChannelName configuration as a string.
 	<a href="#">MqcdConnectionName</a>	The MqcdConnectionName configuration as a string.
 	<a href="#">MqcdHeartBeatInterval</a>	The MqcdHeartBeatInterval configuration as a string.
 	<a href="#">MqcdMaximumMessageLength</a>	The MqcdMaximumMessageLength configuration as a string.
 	<a href="#">MqcdPassword</a>	The MqcdPassword configuration as a string.
 	<a href="#">MqcdSslCipherSpecification</a>	The MqcdSslCipherSpecification configuration as a string.
 	<a href="#">MqcdSslClientAuthentication</a>	The MqcdSslClientAuthentication configuration as a string.
 	<a href="#">MqcdSslPeerName</a>	The MqcdSslPeerName configuration as a string.
 	<a href="#">MqcdTransportType</a>	The MqcdTransportType configuration as a string.
 	<a href="#">MqcdUserIdentifier</a>	The MqcdUserIdentifier configuration as a string.
 	<a href="#">MqgmoCompleteMessage</a>	The MqgmoCompleteMessage configuration as a string.
 	<a href="#">MqgmoConvert</a>	The MqgmoConvert configuration as a string.
 	<a href="#">MqgmoLogicalOrder</a>	The MqgmoLogicalOrder configuration as a string.
 	<a href="#">MqgmoSyncPoint</a>	The MqgmoSyncPoint configuration as a string.
 	<a href="#">MqgmoWaitInterval</a>	The MqgmoWaitInterval configuration as a string.
 	<a href="#">MqmdFormat</a>	The MqmdFormat configuration as a string.
 	<a href="#">MqmdPutApplicationName</a>	The MqmdPutApplicationName configuration as a string.
 	<a href="#">MqmdReplyToQueue</a>	The MqmdReplyToQueue configuration as a string.
 	<a href="#">MqmdReplyToQueueManager</a>	The MqmdReplyToQueueManager configuration as a string.
 	<a href="#">MqmdSegmentationAllowed</a>	The MqmdSegmentationAllowed configuration as a string.
 	<a href="#">MqmdUserIdentifier</a>	The MqmdUserIdentifier configuration as a string.
 	<a href="#">MqpmoLogicalOrder</a>	The MqpmoLogicalOrder configuration as a string.
 	<a href="#">MqpmoSyncPoint</a>	The MqpmoSyncPoint configuration as a string.
 	<a href="#">MqscoSslKeyRepository</a>	The MqscoSslKeyRepository configuration as a string.
 	<a href="#">ReaderQuotas</a>	The ReaderQuotas configuration as a string.
 	<a href="#">ReceiveContextEnabled</a>	The ReceiveContextEnabled configuration as a string.
 	<a href="#">ReceiveContextValidityDuration</a>	The ReceiveContextValidityDuration configuration as a string.
 	<a href="#">Transaction</a>	The Transaction configuration as a string.
 	<a href="#">UsePersistentConnectionForSend</a>	The UsePersistentConnectionForSend configuration as a string.

See Also

## Reference

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQChannelConfigurationStrings.ClusterQueueManagerName Field

The ClusterQueueManagerName configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ClusterQueueManagerName
```

C++

```
public:  
literal String^ ClusterQueueManagerName
```

F#

```
static val mutable ClusterQueueManagerName : string
```

VB

```
Public Const ClusterQueueManagerName As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ConnectionType Field

The ConnectionType configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ConnectionType
```

C++

```
public:  
literal String^ ConnectionType
```

F#

```
static val mutable ConnectionType : string
```

VB

```
Public Const ConnectionType As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.DeadLetterQueue Field

The DeadLetterQueue configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string DeadLetterQueue
```

C++

```
public:  
literal String^ DeadLetterQueue
```

F#

```
static val mutable DeadLetterQueue : string
```

VB

```
Public Const DeadLetterQueue As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ExtensibleMQHeaders Field

The ExtensibleMQHeaders configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ExtensibleMQHeaders
```

C++

```
public:  
literal String^ ExtensibleMQHeaders
```

F#

```
static val mutable ExtensibleMQHeaders : string
```

VB

```
Public Const ExtensibleMQHeaders As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.LeaveMQHeadersInMessage Field

The LeaveMQHeadersInMessage configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string LeaveMQHeadersInMessage
```

C++

```
public:  
literal String^ LeaveMQHeadersInMessage
```

F#

```
static val mutable LeaveMQHeadersInMessage : string
```

VB

```
Public Const LeaveMQHeadersInMessage As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ManualAddressing Field

The ManualAddressing configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ManualAddressing
```

C++

```
public:  
literal String^ ManualAddressing
```

F#

```
static val mutable ManualAddressing : string
```

VB

```
Public Const ManualAddressing As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MaxBufferPoolSize Field

The MaxBufferPoolSize configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MaxBufferPoolSize
```

C++

```
public:  
literal String^ MaxBufferPoolSize
```

F#

```
static val mutable MaxBufferPoolSize : string
```

VB

```
Public Const MaxBufferPoolSize As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MaxReceivedMessageSize Field

The MaxReceivedMessageSize configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MaxReceivedMessageSize
```

C++

```
public:  
literal String^ MaxReceivedMessageSize
```

F#

```
static val mutable MaxReceivedMessageSize : string
```

VB

```
Public Const MaxReceivedMessageSize As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdChannelName Field

The MqcdChannelName configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdChannelName
```

C++

```
public:  
literal String^ MqcdChannelName
```

F#

```
static val mutable MqcdChannelName : string
```

VB

```
Public Const MqcdChannelName As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdConnectionName Field

The MqcdConnectionName configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdConnectionName
```

C++

```
public:  
literal String^ MqcdConnectionName
```

F#

```
static val mutable MqcdConnectionName : string
```

VB

```
Public Const MqcdConnectionName As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdHeartBeatInterval Field

The MqcdHeartBeatInterval configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdHeartBeatInterval
```

C++

```
public:  
literal String^ MqcdHeartBeatInterval
```

F#

```
static val mutable MqcdHeartBeatInterval : string
```

VB

```
Public Const MqcdHeartBeatInterval As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdMaximumMessageLength Field

The MqcdMaximumMessageLength configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdMaximumMessageLength
```

C++

```
public:  
literal String^ MqcdMaximumMessageLength
```

F#

```
static val mutable MqcdMaximumMessageLength : string
```

VB

```
Public Const MqcdMaximumMessageLength As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdPassword Field

The MqcdPassword configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdPassword
```

C++

```
public:  
literal String^ MqcdPassword
```

F#

```
static val mutable MqcdPassword : string
```

VB

```
Public Const MqcdPassword As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdSslCipherSpecification Field

The MqcdSslCipherSpecification configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdSslCipherSpecification
```

C++

```
public:  
literal String^ MqcdSslCipherSpecification
```

F#

```
static val mutable MqcdSslCipherSpecification : string
```

VB

```
Public Const MqcdSslCipherSpecification As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdSslClientAuthentication Field

The MqcdSslClientAuthentication configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdSslClientAuthentication
```

C++

```
public:  
literal String^ MqcdSslClientAuthentication
```

F#

```
static val mutable MqcdSslClientAuthentication : string
```

VB

```
Public Const MqcdSslClientAuthentication As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdSslPeerName Field

The MqcdSslPeerName configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdSslPeerName
```

C++

```
public:  
literal String^ MqcdSslPeerName
```

F#

```
static val mutable MqcdSslPeerName : string
```

VB

```
Public Const MqcdSslPeerName As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdTransportType Field

The MqcdTransportType configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdTransportType
```

C++

```
public:  
literal String^ MqcdTransportType
```

F#

```
static val mutable MqcdTransportType : string
```

VB

```
Public Const MqcdTransportType As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqcdUserIdentifier Field

The MqcdUserIdentifier configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqcdUserIdentifier
```

C++

```
public:  
literal String^ MqcdUserIdentifier
```

F#

```
static val mutable MqcdUserIdentifier : string
```

VB

```
Public Const MqcdUserIdentifier As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqgmoCompleteMessage Field

The MqgmoCompleteMessage configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqgmoCompleteMessage
```

C++

```
public:  
literal String^ MqgmoCompleteMessage
```

F#

```
static val mutable MqgmoCompleteMessage : string
```

VB

```
Public Const MqgmoCompleteMessage As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqgmoConvert Field

The MqgmoConvert configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqgmoConvert
```

C++

```
public:  
literal String^ MqgmoConvert
```

F#

```
static val mutable MqgmoConvert : string
```

VB

```
Public Const MqgmoConvert As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqgmoLogicalOrder Field

The MqgmoLogicalOrder configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqgmoLogicalOrder
```

C++

```
public:  
literal String^ MqgmoLogicalOrder
```

F#

```
static val mutable MqgmoLogicalOrder : string
```

VB

```
Public Const MqgmoLogicalOrder As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqgmoSyncPoint Field

The MqgmoSyncPoint configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqgmoSyncPoint
```

C++

```
public:  
literal String^ MqgmoSyncPoint
```

F#

```
static val mutable MqgmoSyncPoint : string
```

VB

```
Public Const MqgmoSyncPoint As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqgmowaitInterval Field

The MqgmowaitInterval configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqgmowaitInterval
```

C++

```
public:  
literal String^ MqgmowaitInterval
```

F#

```
static val mutable MqgmowaitInterval : string
```

VB

```
Public Const MqgmowaitInterval As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdFormat Field

The MqmdFormat configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdFormat
```

C++

```
public:  
literal String^ MqmdFormat
```

F#

```
static val mutable MqmdFormat : string
```

VB

```
Public Const MqmdFormat As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdPutApplicationName Field

The MqmdPutApplicationName configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdPutApplicationName
```

C++

```
public:  
literal String^ MqmdPutApplicationName
```

F#

```
static val mutable MqmdPutApplicationName : string
```

VB

```
Public Const MqmdPutApplicationName As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdReplyToQueue Field

The MqmdReplyToQueue configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdReplyToQueue
```

C++

```
public:  
literal String^ MqmdReplyToQueue
```

F#

```
static val mutable MqmdReplyToQueue : string
```

VB

```
Public Const MqmdReplyToQueue As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdReplyToQueueManager Field

The MqmdReplyToQueueManager configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdReplyToQueueManager
```

C++

```
public:  
literal String^ MqmdReplyToQueueManager
```

F#

```
static val mutable MqmdReplyToQueueManager : string
```

VB

```
Public Const MqmdReplyToQueueManager As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdSegmentationAllowed Field

The MqmdSegmentationAllowed configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdSegmentationAllowed
```

C++

```
public:  
literal String^ MqmdSegmentationAllowed
```

F#

```
static val mutable MqmdSegmentationAllowed : string
```

VB

```
Public Const MqmdSegmentationAllowed As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqmdUserIdentifier Field

The MqmdUserIdentifier configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqmdUserIdentifier
```

C++

```
public:  
literal String^ MqmdUserIdentifier
```

F#

```
static val mutable MqmdUserIdentifier : string
```

VB

```
Public Const MqmdUserIdentifier As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqpmoLogicalOrder Field

The MqpmoLogicalOrder configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqpmoLogicalOrder
```

C++

```
public:  
literal String^ MqpmoLogicalOrder
```

F#

```
static val mutable MqpmoLogicalOrder : string
```

VB

```
Public Const MqpmoLogicalOrder As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqpmoSyncPoint Field

The MqpmoSyncPoint configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqpmoSyncPoint
```

C++

```
public:  
literal String^ MqpmoSyncPoint
```

F#

```
static val mutable MqpmoSyncPoint : string
```

VB

```
Public Const MqpmoSyncPoint As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.MqscoSslKeyRepository Field

The MqscoSslKeyRepository configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string MqscoSslKeyRepository
```

C++

```
public:  
literal String^ MqscoSslKeyRepository
```

F#

```
static val mutable MqscoSslKeyRepository : string
```

VB

```
Public Const MqscoSslKeyRepository As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ReaderQuotas Field

The ReaderQuotas configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ReaderQuotas
```

C++

```
public:  
literal String^ ReaderQuotas
```

F#

```
static val mutable ReaderQuotas : string
```

VB

```
Public Const ReaderQuotas As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ReceiveContextEnabled Field

The ReceiveContextEnabled configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ReceiveContextEnabled
```

C++

```
public:  
literal String^ ReceiveContextEnabled
```

F#

```
static val mutable ReceiveContextEnabled : string
```

VB

```
Public Const ReceiveContextEnabled As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.ReceiveContextValidityDuration Field

The ReceiveContextValidityDuration configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string ReceiveContextValidityDuration
```

C++

```
public:  
    literal String^ ReceiveContextValidityDuration
```

F#

```
static val mutable ReceiveContextValidityDuration : string
```

VB

```
Public Const ReceiveContextValidityDuration As String
```

## Field Value

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.Transaction Field

The Transaction configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string Transaction
```

C++

```
public:  
literal String^ Transaction
```

F#

```
static val mutable Transaction : string
```

VB

```
Public Const Transaction As String
```

**Field Value**

Type: [System.String](#)

See Also

[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQChannelConfigurationStrings.UsePersistentConnectionForSend Field

The UsePersistentConnectionForSend configuration as a string.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Syntax

C#

```
public const string UsePersistentConnectionForSend
```

C++

```
public:  
literal String^ UsePersistentConnectionForSend
```

F#

```
static val mutable UsePersistentConnectionForSend : string
```

VB

```
Public Const UsePersistentConnectionForSend As String
```

**Field Value**

Type: [System.String](#)

See Also







[WebSphereMQChannelConfigurationStrings Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)




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# WebSphereMQChannelConfigurationStrings Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

**Reference**

- [WebSphereMQChannelConfigurationStrings Class](#)
- [System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Class

Represents a class that wraps runtime WebsphereMQ binding and transport relation exceptions.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

Inheritance Hierarchy [System.Object](#)  
[System.Exception](#)  
[System.SystemException](#)  
[System.ServiceModel.CommunicationException](#)  
**[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQException](#)**

Syntax  
C#

```
[SerializableAttribute]
public class WebSphereMQException : CommunicationException
```

C++

```
[SerializableAttribute]
public ref class WebSphereMQException : CommunicationException
```







F#



```
[<SerializableAttribute>]
type WebSphereMQException =
    class
        inherit CommunicationException
    end
```

VB











```
<SerializableAttribute>
Public Class WebSphereMQException
    Inherits CommunicationException
```

Constructors











	Name	Description
	<a href="#">WebSphereMQException()</a>	Initializes a new instance of the <b>WebSphereMQException</b> class.
	<a href="#">WebSphereMQException(SerializationInfo, StreamingContext)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class by using serialized data.
	<a href="#">WebSphereMQException(String)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class with the specified message.
	<a href="#">WebSphereMQException(String, Exception)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class that contains a specified error message and a reference to the inner exception that caused this exception.
	<a href="#">WebSphereMQException(String, Exception, Int32, Int32)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class.
	<a href="#">WebSphereMQException(String, Exception, Int64)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class with the specified exception message.

 <a href="#">WebSphereMQException(String, Int32, Int32)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class with the specified exception message.
 <a href="#">WebSphereMQException(String, Int64)</a>	Initializes a new instance of the <b>WebSphereMQException</b> class with the specified exception message.


#### Properties

Name	Description
 <a href="#">CompletionCode</a>	Gets the IBM WebsphereMQ completion code.
 <a href="#">Data</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">HelpLink</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">HResult</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">InnerException</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">Message</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">ReasonCode</a>	Gets the reason for the result in the exception property.
 <a href="#">Source</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">StackTrace</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">TargetSite</a>	(Inherited from <a href="#">Exception</a> .)

#### Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetBaseException()</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetObjectData(SerializationInfo, StreamingContext)</a>	Populates a <a href="#">SerializationInfo</a> with the data exception of the target object.(Overrides <a href="#">Exception.GetObjectData(SerializationInfo, StreamingContext)</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Exception</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">NewMQException(Int32, String, Int32, Int32)</a>	Specifies a creation of a new exception message.
 <a href="#">NewMQException(Int32, String, Int64)</a>	Indicates a creation of a new exception message.
 <a href="#">ToString()</a>	(Inherited from <a href="#">Exception</a> .)

#### Events

Name	Description
 <a href="#">SerializeObjectState</a>	(Inherited from <a href="#">Exception</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQException Members

Represents a class that wraps runtime WebsphereMQ binding and transport relation exceptions.

The following tables list the members exposed by the [WebSphereMQException](#) type.

Public Constructors (see also [Protected Constructors](#))

Name	Description
<a href="#">WebSphereMQException</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQException</a> class.










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Protected Constructors

Name	Description
<a href="#">WebSphereMQException</a>	Overloaded.


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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CompletionCode</a>	Gets the IBM WebsphereMQ completion code.
 <a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">ReasonCode</a>	Gets the reason for the result in the exception property.
 <a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )











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Protected Properties

Name	Description
 <a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )



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Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetObjectData</a>	Overridden. Populates a <a href="#">SerializationInfo</a> with the data exception of the target object.
 <a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
  <a href="#">NewMQException</a>	Overloaded.
  <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )


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Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

Protected Events

Name	Description
 <a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

[Top](#)

See Also

## Reference

[WebSphereMQException Class](#)






[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Constructor

Initializes a new instance of the [WebSphereMQException](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

## Overload List

Name	Description
 <a href="#">WebSphereMQException()</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class.
 <a href="#">WebSphereMQException(SerializationInfo, StreamingContext)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class by using serialized data.
 <a href="#">WebSphereMQException(String)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class with the specified message.
 <a href="#">WebSphereMQException(String, Exception)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class that contains a specified error message and a reference to the inner exception that caused this exception.
 <a href="#">WebSphereMQException(String, Exception, Int32, Int32)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class.
 <a href="#">WebSphereMQException(String, Exception, Int64)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class with the specified exception message.
 <a href="#">WebSphereMQException(String, Int32, Int32)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class with the specified exception message.
 <a href="#">WebSphereMQException(String, Int64)</a>	Initializes a new instance of the <a href="#">WebSphereMQException</a> class with the specified exception message.

See Also  
[WebSphereMQException Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)  
**WebSphereMQException Constructor ()**  
Initializes a new instance of the [WebSphereMQException](#) class.

Syntax  
C#

```
public WebSphereMQException()
```

C++

```
public:  
WebSphereMQException()
```

F#

```
new : unit -> WebSphereMQException
```

VB

```
Public Sub New
```

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### WebSphereMQException Constructor (SerializationInfo, StreamingContext)

Initializes a new instance of the [WebSphereMQException](#) class by using serialized data.

Syntax

C#

```
protected WebSphereMQException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

C++

```
protected:  
WebSphereMQException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

F#

```
new :  
    info:SerializationInfo *  
    context:StreamingContext -> WebSphereMQException
```

VB

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

### Parameters

*info*

Type: [System.Runtime.Serialization.SerializationInfo](#)

The [SerializationInfo](#) object that holds the serialized object data about the exception that is being thrown.

*context*

Type: [System.Runtime.Serialization.StreamingContext](#)

The [StreamingContext](#) object that contains contextual information about the source or destination.

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### WebSphereMQException Constructor (String)

Initializes a new instance of the [WebSphereMQException](#) class with the specified message.

Syntax

C#

```
public WebSphereMQException(  
    string msg  
)
```

C++

```
public:  
WebSphereMQException(  
    String^ msg  
)
```

F#

```
new :  
    msg:string -> WebSphereMQException
```

VB

```
Public Sub New (  
    msg As String  
)
```

#### Parameters

*msg*

Type: [System.String](#)

The message that states the error.

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#### WebSphereMQException Constructor (String, Exception)

Initializes a new instance of the [WebSphereMQException](#) class that contains a specified error message and a reference to the inner exception that caused this exception.

Syntax

C#

```
public WebSphereMQException(  
    string msg,  
    Exception inner  
)
```

C++

```
public:  
WebSphereMQException(  
    String^ msg,  
    Exception^ inner  
)
```

F#

```
new :  
    msg:string *  
    inner:Exception -> WebSphereMQException
```

VB

```
Public Sub New (  
    msg As String,  
    inner As Exception  
)
```

#### Parameters

*msg*

Type: [System.String](#)

The error message that states the reason for the exception.

*inner*

Type: [System.Exception](#)

The exception that caused the current exception, or **null** when no inner exception is specified.

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#### WebSphereMQException Constructor (String, Exception, Int32, Int32)

Initializes a new instance of the [WebSphereMQException](#) class.

Syntax

C#

```
public WebSphereMQException(  
    string msg,  
    Exception inner,  
    int completionCodeIn,  
    int reasonCodeIn  
)
```

C++

```
public:
WebSphereMQException(
    String^ msg,
    Exception^ inner,
    int completionCodeIn,
    int reasonCodeIn
)
```

F#

```
new :
    msg:string *
    inner:Exception *
    completionCodeIn:int *
    reasonCodeIn:int -> WebSphereMQException
```

VB

```
Public Sub New (
    msg As String,
    inner As Exception,
    completionCodeIn As Integer,
    reasonCodeIn As Integer
)
```

#### Parameters

*msg*

Type: [System.String](#)

The exception message.

*inner*

Type: [System.Exception](#)

The inner exception

*completionCodeIn*

Type: [System.Int32](#)

The IBM WebsphereMQ completion code.

*reasonCodeIn*

Type: [System.Int32](#)

The IBM WebsphereMQ reason code.

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#### **WebSphereMQException Constructor (String, Exception, Int64)**

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

Syntax

C#

```
public WebSphereMQException(
    string msg,
    Exception inner,
    long hrIn
)
```

C++

```
public:
WebSphereMQException(
    String^ msg,
    Exception^ inner,
    long long hrIn
)
```

F#

```
new :  
    msg:string *  
    inner:Exception *  
    hrIn:int64 -> WebSphereMQException
```

VB

```
Public Sub New (  
    msg As String,  
    inner As Exception,  
    hrIn As Long  
)
```

#### Parameters

*msg*

Type: [System.String](#)

The exception message.

*inner*

Type: [System.Exception](#)

The inner exception.

*hrIn*

Type: [System.Int64](#)

The hrIn.

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#### WebSphereMQException Constructor (String, Int32, Int32)

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

Syntax

C#

```
public WebSphereMQException(  
    string msg,  
    int completionCodeIn,  
    int reasonCodeIn  
)
```

C++

```
public:  
WebSphereMQException(  
    String^ msg,  
    int completionCodeIn,  
    int reasonCodeIn  
)
```

F#

```
new :  
    msg:string *  
    completionCodeIn:int *  
    reasonCodeIn:int -> WebSphereMQException
```

VB

```
Public Sub New (  
    msg As String,  
    completionCodeIn As Integer,  
    reasonCodeIn As Integer  
)
```

## Parameters

*msg*

Type: [System.String](#)

The exception message

*completionCodeIn*

Type: [System.Int32](#)

The IBM WebsphereMQ completion code.

*reasonCodeIn*

Type: [System.Int32](#)

The IBM WebsphereMQ reason code.

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## WebSphereMQException Constructor (String, Int64)

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

Syntax

C#

```
public WebSphereMQException(  
    string msg,  
    long hrIn  
)
```

C++

```
public:  
WebSphereMQException(  
    String^ msg,  
    long long hrIn  
)
```

F#

```
new :  
    msg:string *  
    hrIn:int64 -> WebSphereMQException
```

VB

```
Public Sub New (  
    msg As String,  
    hrIn As Long  
)
```

## Parameters

*msg*

Type: [System.String](#)

The exception message.

*hrIn*

Type: [System.Int64](#)

The hrIn.

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# WebSphereMQException Constructor ()

Initializes a new instance of the [WebSphereMQException](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WebSphereMQException ()
```

C++

```
public:  
WebSphereMQException ()
```

J#

```
public WebSphereMQException ()
```

JScript

```
public function WebSphereMQException ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQException Constructor (String)

Initializes a new instance of the [WebSphereMQException](#) class with the specified message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String _
)
```

C#

```
public WebSphereMQException (
    string msg
)
```

C++

```
public:
    WebSphereMQException (
        String^ msg
    )
```

J#

```
public WebSphereMQException (
    String msg
)
```

JScript

```
public function WebSphereMQException (
    msg : String
)
```

## Parameters

msg

The message that states the error.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Constructor (SerializationInfo, StreamingContext)

Initializes a new instance of the [WebSphereMQException](#) class by using serialized data.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub New ( _
    info As SerializationInfo, _
    context As StreamingContext _
)
```

C#

```
protected WebSphereMQException (
    SerializationInfo info,
    StreamingContext context
)
```

C++

```
protected:
WebSphereMQException (
    SerializationInfo^ info,
    StreamingContext context
)
```

J#

```
protected WebSphereMQException (
    SerializationInfo info,
    StreamingContext context
)
```

JScript

```
protected function WebSphereMQException (
    info : SerializationInfo,
    context : StreamingContext
)
```

## Parameters

info

The [SerializationInfo](#) object that holds the serialized object data about the exception that is being thrown.

context

The [StreamingContext](#) object that contains contextual information about the source or destination.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)



# WebSphereMQException Constructor (String, Exception)

Initializes a new instance of the [WebSphereMQException](#) class that contains a specified error message and a reference to the inner exception that caused this exception.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String, _
    inner As Exception _
)
```

C#

```
public WebSphereMQException (
    string msg,
    Exception inner
)
```

C++

```
public:
WebSphereMQException (
    String^ msg,
    Exception^ inner
)
```

J#

```
public WebSphereMQException (
    String msg,
    Exception inner
)
```

JScript

```
public function WebSphereMQException (
    msg : String,
    inner : Exception
)
```

## Parameters

msg

The error message that states the reason for the exception.

inner

The exception that caused the current exception, or **null** when no inner exception is specified.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)



# WebSphereMQException Constructor (String, Int64)

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String, _
    hrIn As Long _
)
```

C#

```
public WebSphereMQException (
    string msg,
    long hrIn
)
```

C++

```
public:
WebSphereMQException (
    String^ msg,
    long long hrIn
)
```

J#

```
public WebSphereMQException (
    String msg,
    long hrIn
)
```

JScript

```
public function WebSphereMQException (
    msg : String,
    hrIn : long
)
```

## Parameters

msg

The exception message.

hrIn

The hrIn.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQException Constructor (String, Exception, Int64)

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String, _
    inner As Exception, _
    hrIn As Long _
)
```

C#

```
public WebSphereMQException (
    string msg,
    Exception inner,
    long hrIn
)
```

C++

```
public:
WebSphereMQException (
    String^ msg,
    Exception^ inner,
    long long hrIn
)
```

J#

```
public WebSphereMQException (
    String msg,
    Exception inner,
    long hrIn
)
```

JScript

```
public function WebSphereMQException (
    msg : String,
    inner : Exception,
    hrIn : long
)
```

## Parameters

msg

The exception message.

inner

The inner exception.

hrIn

The hrIn.

Platforms

**Development Platforms**



Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Constructor (String, Int32, Int32)

Initializes a new instance of the [WebSphereMQException](#) class with the specified exception message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String, _
    completionCodeIn As Integer, _
    reasonCodeIn As Integer _
)
```

C#

```
public WebSphereMQException (
    string msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

C++

```
public:
WebSphereMQException (
    String^ msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

J#

```
public WebSphereMQException (
    String msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

JScript

```
public function WebSphereMQException (
    msg : String,
    completionCodeIn : int,
    reasonCodeIn : int
)
```

## Parameters

msg

The exception message

completionCodeIn

The IBM WebsphereMQ completion code.

reasonCodeIn

The IBM WebsphereMQ reason code.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Constructor (String, Exception, Int32, Int32)

Initializes a new instance of the [WebSphereMQException](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    msg As String, _
    inner As Exception, _
    completionCodeIn As Integer, _
    reasonCodeIn As Integer _
)
```

C#

```
public WebSphereMQException (
    string msg,
    Exception inner,
    int completionCodeIn,
    int reasonCodeIn
)
```

C++

```
public:
WebSphereMQException (
    String^ msg,
    Exception^ inner,
    int completionCodeIn,
    int reasonCodeIn
)
```

J#

```
public WebSphereMQException (
    String msg,
    Exception inner,
    int completionCodeIn,
    int reasonCodeIn
)
```

JScript

```
public function WebSphereMQException (
    msg : String,
    inner : Exception,
    completionCodeIn : int,
    reasonCodeIn : int
)
```

## Parameters

msg

The exception message.

inner

The inner exception

completionCodeIn

The IBM WebsphereMQ completion code.

reasonCodeIn

The IBM WebsphereMQ reason code.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**











[WebSphereMQException Class](#)

[WebSphereMQException Members](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetBaseException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetObjectData</a>	Overridden. Populates a <a href="#">SerializationInfo</a> with the data exception of the target object.
	<a href="#">GetType</a>	(inherited from <a href="#">Exception</a> )
 	<a href="#">NewMQException</a>	Overloaded.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Exception</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQException Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException.GetObjectData Method

Populates a **SerializationInfo** with the data exception of the target object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter:=True)> _
Public Overrides Sub GetObjectData ( _
    info As SerializationInfo, _
    context As StreamingContext _
)
```

C#

```
[SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter=true)]
public override void GetObjectData (
    SerializationInfo info,
    StreamingContext context
)
```

C++

```
[SecurityPermissionAttribute(SecurityAction::Demand, SerializationFormatter=true)]
public:
virtual void GetObjectData (
    SerializationInfo^ info,
    StreamingContext context
) override
```

J#

```
/** @attribute SecurityPermissionAttribute(SecurityAction.Demand, SerializationFormatter=tr
ue) */
public void GetObjectData (
    SerializationInfo info,
    StreamingContext context
)
```

JScript

```
public override function GetObjectData (
    info : SerializationInfo,
    context : StreamingContext
)
```

## Parameters

info

The [SerializationInfo](#) to populate with data.

context

The [StreamingContext](#) object that contains contextual information about the source or destination.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# WebSphereMQException.NewMQException Method

Specifies a creation of a new exception message.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Overload List

	Name	Description
	<a href="#">NewMQException(Int32, String, Int32, Int32)</a>	Specifies a creation of a new exception message.
	<a href="#">NewMQException(Int32, String, Int64)</a>	Indicates a creation of a new exception message.

See Also

[WebSphereMQException Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)

**WebSphereMQException.NewMQException Method (Int32, String, Int32, Int32)**

Specifies a creation of a new exception message.

Syntax

C#

```
public static WebSphereMQException NewMQException(  
    int messageCode,  
    string msg,  
    int completionCodeIn,  
    int reasonCodeIn  
)
```

C++

```
public:  
static WebSphereMQException^ NewMQException(  
    int messageCode,  
    String^ msg,  
    int completionCodeIn,  
    int reasonCodeIn  
)
```

F#

```
static member NewMQException :  
    messageCode:int *  
    msg:string *  
    completionCodeIn:int *  
    reasonCodeIn:int -> WebSphereMQException
```

VB

```
Public Shared Function NewMQException (  
    messageCode As Integer,  
    msg As String,  
    completionCodeIn As Integer,  
    reasonCodeIn As Integer  
) As WebSphereMQException
```

**Parameters**

*messageCode*

Type: [System.Int32](#)

The message code.

*msg*

Type: [System.String](#)

The exception message.

*completionCodeIn*

Type: [System.Int32](#)

The IBM Websphere MQ Completion Code.

*reasonCodeIn*

Type: [System.Int32](#)

The IBM Websphere MQ Reason Code.

#### Return Value

Type: [System.ServiceModel.Channels.WebSphereMQ.WebSphereMQException](#)

A new exception message.

[Return to top](#)

#### **WebSphereMQException.NewMQException Method (Int32, String, Int64)**

Indicates a creation of a new exception message.

Syntax

C#

```
public static WebSphereMQException NewMQException(  
    int messageCode,  
    string msg,  
    long hrIn  
)
```

C++

```
public:  
static WebSphereMQException^ NewMQException(  
    int messageCode,  
    String^ msg,  
    long long hrIn  
)
```

F#

```
static member NewMQException :  
    messageCode:int *  
    msg:string *  
    hrIn:int64 -> WebSphereMQException
```

VB

```
Public Shared Function NewMQException (  
    messageCode As Integer,  
    msg As String,  
    hrIn As Long  
) As WebSphereMQException
```

#### Parameters

*messageCode*

Type: [System.Int32](#)

The message code.

*msg*

Type: [System.String](#)

The exception message.

*hrIn*

Type: [System.Int64](#)

hrIn.

**Return Value**

Type: [System.ServiceModel.Channels.WebSphereMQ.WebSphereMQException](#)

An instance of the [WebSphereMQException](#).

[Return to top](#)

# WebSphereMQException.NewMQException Method (Int32, String, Int64)

Indicates a creation of a new exception message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function NewMQException ( _
    messageCode As Integer, _
    msg As String, _
    hrIn As Long _
) As WebSphereMQException
```

C#

```
public static WebSphereMQException NewMQException (
    int messageCode,
    string msg,
    long hrIn
)
```

C++

```
public:
static WebSphereMQException^ NewMQException (
    int messageCode,
    String^ msg,
    long long hrIn
)
```

J#

```
public static WebSphereMQException NewMQException (
    int messageCode,
    String msg,
    long hrIn
)
```

JScript

```
public static function NewMQException (
    messageCode : int,
    msg : String,
    hrIn : long
) : WebSphereMQException
```

## Parameters

messageCode

The message code.

msg

The exception message.

hrIn

hrIn.

## Return Value

An instance of the [WebSphereMQException](#).

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException.NewMQException Method (Int32, String, Int32, Int32)

Specifies a creation of a new exception message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Shared Function NewMQException ( _
    messageCode As Integer, _
    msg As String, _
    completionCodeIn As Integer, _
    reasonCodeIn As Integer _
) As WebSphereMQException
```

C#

```
public static WebSphereMQException NewMQException (
    int messageCode,
    string msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

C++

```
public:
static WebSphereMQException^ NewMQException (
    int messageCode,
    String^ msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

J#

```
public static WebSphereMQException NewMQException (
    int messageCode,
    String msg,
    int completionCodeIn,
    int reasonCodeIn
)
```

JScript

```
public static function NewMQException (
    messageCode : int,
    msg : String,
    completionCodeIn : int,
    reasonCodeIn : int
) : WebSphereMQException
```

## Parameters

messageCode

The message code.

msg

The exception message.

completionCodeIn

The IBM Websphere MQ Completion Code.

reasonCodeIn

The IBM Websphere MQ Reason Code.

#### **Return Value**

A new exception message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

#### **Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

#### **Target Platforms**

See Also

#### **Reference**










[WebSphereMQException Class](#)

[WebSphereMQException Members](#)


[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CompletionCode</a>	Gets the IBM WebsphereMQ completion code.
	<a href="#">Data</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">HelpLink</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">InnerException</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">Message</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">ReasonCode</a>	Gets the reason for the result in the exception property.
	<a href="#">Source</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">StackTrace</a>	(inherited from <a href="#">Exception</a> )
	<a href="#">TargetSite</a>	(inherited from <a href="#">Exception</a> )

Protected Properties

	Name	Description
	<a href="#">HResult</a>	(inherited from <a href="#">Exception</a> )

See Also

## Reference

[WebSphereMQException Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQException.CompletionCode Property

Gets the IBM WebsphereMQ completion code.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property CompletionCode As Integer
```

C#

```
public int CompletionCode { get; }
```

C++

```
public:
property int CompletionCode {
    int get ();
}
```

J#

```
/** @property */
public int get_CompletionCode ()
```

JScript

```
public function get CompletionCode () : int
```

## Property Value

The IBM WebsphereMQ completion code.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException.ReasonCode Property

Gets the reason for the result in the exception property.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ReasonCode As Integer
```

C#

```
public int ReasonCode { get; }
```

C++

```
public:
property int ReasonCode {
    int get ();
}
```

J#

```
/** @property */
public int get_ReasonCode ()
```

JScript

```
public function get ReasonCode () : int
```

## Property Value

The reason for the result in the exception property.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


[WebSphereMQException Class](#)

[WebSphereMQException Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQException Events

Protected Events

	Name	Description
	<a href="#">SerializeObjectState</a>	(inherited from <a href="#">Exception</a> )

See Also

Reference

- [WebSphereMQException Class](#)
- [System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQHeaderProvider Class

Implements methods that assist in loading extensible headers from the configuration files. The header description in the configuration file must be in a fully qualified format.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQHeaderProvider**

Syntax

C#

```
public class WebSphereMQHeaderProvider
```

C++

```
public ref class WebSphereMQHeaderProvider
```


F#

```
type WebSphereMQHeaderProvider = class end
```










VB

```
Public Class WebSphereMQHeaderProvider
```

Constructors

Name	Description
 <a href="#">WebSphereMQHeaderProvider()</a>	Initializes a new instance of the <b>WebSphereMQHeaderProvider</b> class.

Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetNextHeader(IMQHeaderBase)</a>	Loads the next header specified in the list of extensible headers.
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">LoadExtensibleHeaders(String)</a>	Loads extensible headers for the <b>WebSphereMQHeaderProvider</b> class.
 <a href="#">LoadKnownHeaders()</a>	Load all the known headers for the specified <b>WebSphereMQHeaderProvider</b> object.
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)

# WebSphereMQHeaderProvider Members

Implements methods that assist in loading extensible headers from the configuration files. The header description in the configuration file must be in a fully qualified format.










The following tables list the members exposed by the [WebSphereMQHeaderProvider](#) type.

## Public Constructors

Name	Description
<a href="#">WebSphereMQHeaderProvider</a>	Initializes a new instance of the <a href="#">WebSphereMQHeaderProvider</a> class.



## Top

## Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetNextHeader</a>	Loads the next header specified in the list of extensible headers.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">LoadExtensibleHeaders</a>	Loads extensible headers for the <b>WebSphereMQHeaderProvider</b> class.
	<a href="#">LoadKnownHeaders</a>	Load all the known headers for the specified <b>WebSphereMQHeaderProvider</b> object.
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[WebSphereMQHeaderProvider Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQHeaderProvider Constructor

Initializes a new instance of the [WebSphereMQHeaderProvider](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQHeaderProvider ()
```

C++

```
public:
WebSphereMQHeaderProvider ()
```

J#

```
public WebSphereMQHeaderProvider ()
```

JScript

```
public function WebSphereMQHeaderProvider ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[WebSphereMQHeaderProvider Class](#)

[WebSphereMQHeaderProvider Members](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQHeaderProvider Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetNextHeader</a>	Loads the next header specified in the list of extensible headers.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">LoadExtensibleHeaders</a>	Loads extensible headers for the <a href="#">WebSphereMQHeaderProvider</a> class.
	<a href="#">LoadKnownHeaders</a>	Load all the known headers for the specified <b>WebSphereMQHeaderProvider</b> object.
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQHeaderProvider Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQHeaderProvider.GetNextHeader Method

Loads the next header specified in the list of extensible headers.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Function GetNextHeader ( _
    currentHeader As IMQHeaderBase _
) As IMQHeaderBase
```

C#

```
public IMQHeaderBase GetNextHeader (
    IMQHeaderBase currentHeader
)
```

C++

```
public:
    IMQHeaderBase^ GetNextHeader (
        IMQHeaderBase^ currentHeader
    )
```

J#

```
public IMQHeaderBase GetNextHeader (
    IMQHeaderBase currentHeader
)
```

JScript

```
public function GetNextHeader (
    currentHeader : IMQHeaderBase
) : IMQHeaderBase
```

## Parameters

currentHeader

The current header.

## Return Value

The next header specified.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQHeaderProvider Class](#)

[WebSphereMQHeaderProvider Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQHeaderProvider.LoadExtensibleHeaders Method

Loads extensible headers for the [WebSphereMQHeaderProvider](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub LoadExtensibleHeaders ( _
    extensibleMQHeaders As String _
)
```

C#

```
public void LoadExtensibleHeaders (
    string extensibleMQHeaders
)
```

C++

```
public:
void LoadExtensibleHeaders (
    String^ extensibleMQHeaders
)
```

J#

```
public void LoadExtensibleHeaders (
    String extensibleMQHeaders
)
```

JScript

```
public function LoadExtensibleHeaders (
    extensibleMQHeaders : String
)
```

## Parameters

extensibleMQHeaders

The extensible headers to be loaded.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQHeaderProvider Class](#)

[WebSphereMQHeaderProvider Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQHeaderProvider.LoadKnownHeaders Method

Load all the known headers for the specified [WebSphereMQHeaderProvider](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub LoadKnownHeaders
```

C#

```
public void LoadKnownHeaders ()
```

C++

```
public:  
void LoadKnownHeaders ()
```

J#

```
public void LoadKnownHeaders ()
```

JScript

```
public function LoadKnownHeaders ()
```

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQHeaderProvider Class](#)

[WebSphereMQHeaderProvider Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding Class

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

Inheritance Hierarchy [System.Object](#)  
[System.ServiceModel.Channels.Binding](#)  
[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinding](#)  
[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBinding](#)  
**[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinaryBinding](#)**

Syntax  
C#

```
public class WebSphereMQRequestReplyBinaryBinding : WebSphereMQBinaryBinding
```

C++

```
public ref class WebSphereMQRequestReplyBinaryBinding : WebSphereMQBinaryBinding
```

F#

```
type WebSphereMQRequestReplyBinaryBinding =  
    class  
        inherit WebSphereMQBinaryBinding  
    end
```















VB






























```
Public Class WebSphereMQRequestReplyBinaryBinding  
    Inherits WebSphereMQBinaryBinding
```

Constructors






Name	Description
<a href="#">WebSphereMQRequestReplyBinaryBinding()</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyBinaryBinding</b> class using default values.
<a href="#">WebSphereMQRequestReplyBinaryBinding(String)</a>	





















Properties

Name	Description
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MessageVersion</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)

 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqscsSslKeyRepository</a>	Gets or sets the Mqscs SSL Key Repository.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">Name</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Namespace</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ReaderQuotas</a>	Gets the XmlDictionaryReaderQuotas that is associated with the <a href="#">WebSphereMQBinaryBinding</a> object.(Inherited from <a href="#">WebSphereMQBinaryBinding</a> .)
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Scheme</a>	Gets the addressing scheme that is used by the <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">TlCorrelationID</a>	Gets or sets the Tl correlation identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send.(Inherited from <a href="#">WebSphereMQBinding</a> .)

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(String)</a>	Applies a binding configuration element to the current binding element.(Overrides <a href="#">WebSphereMQBinaryBinding.ApplyConfiguration(String)</a> .)
 <a href="#">BuildChannelFactory&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelFactory&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)

 BuildChannelListener<'TChannel'>(Uri, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel'>(Uri, Object[])	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel'>(Uri, String, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel'>(Uri, String, ListenUriMode, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel'>(Uri, String, ListenUriMode, Object[])	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel'>(Uri, String, Object[])	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelFactory<'TChannel'>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelFactory<'TChannel'>(Object[])	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelListener<'TChannel'>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelListener<'TChannel'>(Object[])	(Inherited from <a href="#">Binding</a> .)
 CreateBindingElements()	Creates a collection that contains the binding elements that are part of the current binding.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 Finalize()	(Inherited from <a href="#">Object</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetMessageEncodingBindingElement()	Retrieves the binding element that specifies the message version used to encode messages.(Inherited from <a href="#">WebSphereMQBinaryBinding</a> .)
 GetMQTransportBindingElement()	Returns a new instance of the <b>WebSphereMQRequestReplyBinaryBinding</b> binding element.(Overrides <a href="#">WebSphereMQBinding.GetMQTransportBindingElement()</a> .)
 GetProperty<'T'>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 ToString()	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQRequestReplyBinaryBinding Members


























The following tables list the members exposed by the [WebSphereMQRequestReplyBinaryBinding](#) type.













## Public Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyBinaryBinding</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBinaryBinding</a> class.

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## Public Properties

Name	Description
 <a href="#">BinaryStreamElement</a>	Gets the XML element that needs to wrap the binary data. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
<a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )

	<a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ReaderQuotas</a>	Gets the XmlDictionaryReaderQuotas that is associated with the <a href="#">WebSphereMQBinaryBinding</a> object. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TlCorrelationID</a>	Gets or sets the Tl correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send. (inherited from <a href="#">WebSphereMQBinding</a> )






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Public Methods (see also [Protected Methods](#))

	<b>Name</b>	<b>Description</b>
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	<b>Name</b>	<b>Description</b>
	<a href="#">ApplyConfiguration</a>	Overridden. Applies a binding configuration element to the current binding element.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Retrieves the binding element that specifies the message version used to encode messages. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
	<a href="#">GetMQTransportBindingElement</a>	Overridden. Returns a new instance of the <b>WebSphereMQRequestReplyBinaryBinding</b> binding element.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

#### Reference

[WebSphereMQRequestReplyBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyBinaryBinding Constructor

Initializes a new instance of the [WebSphereMQRequestReplyBinaryBinding](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

## Overload List

Name	Description
 <a href="#">WebSphereMQRequestReplyBinaryBinding()</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBinaryBinding</a> class using default values.
 <a href="#">WebSphereMQRequestReplyBinaryBinding(String)</a>	

See Also

[WebSphereMQRequestReplyBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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### WebSphereMQRequestReplyBinaryBinding Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBinaryBinding](#) class using default values.

Syntax

C#

```
public WebSphereMQRequestReplyBinaryBinding()
```

C++

```
public:  
WebSphereMQRequestReplyBinaryBinding()
```

F#

```
new : unit -> WebSphereMQRequestReplyBinaryBinding
```

VB

```
Public Sub New
```

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### WebSphereMQRequestReplyBinaryBinding Constructor (String)

Syntax

C#

```
public WebSphereMQRequestReplyBinaryBinding(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQRequestReplyBinaryBinding(  
    String^ configurationName  
)
```

F#

```
new :  
    configurationName:string -> WebSphereMQRequestReplyBinaryBinding
```



VB

```
Public Sub New (  
    configurationName As String  
)
```

**Parameters**

*configurationName*

Type: [System.String](#)

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# WebSphereMQRequestReplyBinaryBinding Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBinaryBinding](#) class using default values.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyBinaryBinding ()
```

C++

```
public:
WebSphereMQRequestReplyBinaryBinding ()
```

J#

```
public WebSphereMQRequestReplyBinaryBinding ()
```

JScript

```
public function WebSphereMQRequestReplyBinaryBinding ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyBinaryBinding Class](#)

[WebSphereMQRequestReplyBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding Constructor (String)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQRequestReplyBinaryBinding (
    string configurationName
)
```

C++

```
public:
    WebSphereMQRequestReplyBinaryBinding (
        String^ configurationName
    )
```

J#

```
public WebSphereMQRequestReplyBinaryBinding (
    String configurationName
)
```

JScript

```
public function WebSphereMQRequestReplyBinaryBinding (
    configurationName : String
)
```

## Parameters

configurationName

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[WebSphereMQRequestReplyBinaryBinding Class](#)

[WebSphereMQRequestReplyBinaryBinding Members](#)






[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies a binding configuration element to the current binding element.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Retrieves the binding element that specifies the message version used to encode messages. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
	<a href="#">GetMQTransportBindingElement</a>	Overridden. Returns a new instance of the <a href="#">WebSphereMQRequestReplyBinaryBinding</a> binding element.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQRequestReplyBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding.ApplyConfiguration Method

Applies a binding configuration element to the current binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub ApplyConfiguration ( _
    configurationName As String _
)
```

C#

```
protected override void ApplyConfiguration (
    string configurationName
)
```

C++

```
protected:
virtual void ApplyConfiguration (
    String^ configurationName
) override
```

J#

```
protected void ApplyConfiguration (
    String configurationName
)
```

JScript

```
protected override function ApplyConfiguration (
    configurationName : String
)
```

## Parameters

configurationName

The configuration name.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyBinaryBinding Class](#)

[WebSphereMQRequestReplyBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding.GetMQTransportBindingElement Method

Returns a new instance of the [WebSphereMQRequestReplyBinaryBinding](#) binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetMQTransportBindingElement As WebSphereMQTransportBindingElement
```

C#

```
protected override WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

C++

```
protected:
virtual WebSphereMQTransportBindingElement^ GetMQTransportBindingElement () override
```

J#

```
protected WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

JScript

```
protected override function GetMQTransportBindingElement () : WebSphereMQTransportBindingElement
```

## Return Value

A new binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyBinaryBinding Class](#)



















[WebSphereMQRequestReplyBinaryBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBinding Properties

## Public Properties

	Name	Description
	<a href="#">BinaryStreamElement</a>	Gets the XML element that needs to wrap the binary data. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
	<a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )

	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ReaderQuotas</a>	Gets the XmlDictionaryReaderQuotas that is associated with the <a href="#">WebSphereMQBinaryBinding</a> object. (inherited from <a href="#">WebSphereMQBinaryBinding</a> )
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send. (inherited from <a href="#">WebSphereMQBinding</a> )

See Also

#### Reference

[WebSphereMQRequestReplyBinaryBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyBinaryBindingElement Class

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.Configuration.ConfigurationElement](#)

[System.ServiceModel.Configuration.ServiceModelConfigurationElement](#)

[System.ServiceModel.Configuration.StandardBindingElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBindingElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinaryBindingElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinaryBindingElement**

Syntax

C#

```
public class WebSphereMQRequestReplyBinaryBindingElement : WebSphereMQBinaryBindingElement
```

C++

```
public ref class WebSphereMQRequestReplyBinaryBindingElement : WebSphereMQBinaryBindingElement
```



F#

```
type WebSphereMQRequestReplyBinaryBindingElement =  
    class  
        inherit WebSphereMQBinaryBindingElement  
    end
```







VB

















```
Public Class WebSphereMQRequestReplyBinaryBindingElement  
    Inherits WebSphereMQBinaryBindingElement
```























Constructors

	Name	Description
	<a href="#">WebSphereMQRequestReplyBinaryBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyBinaryBindingElement</b> class with the default property values.
	<a href="#">WebSphereMQRequestReplyBinaryBindingElement(String)</a>	





























Properties



	Name	Description
	<a href="#">BindingElementType</a>	Gets the type of the binding element.(Overrides <a href="#">WebSphereMQBinaryBindingElement.BindingElementType</a> .)
	<a href="#">CloseTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
	<a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
	<a href="#">CurrentConfiguration</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
	<a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

 <a href="#">ElementInformation</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ElementProperty</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">EvaluationContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">HasContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(ConfigurationProperty)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">LockAllAttributesExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAllElementsExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAttributes</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockElements</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockItem</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> .class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <a href="#">WebSphereMQTransportElement</a> class. The default is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <a href="#">WebSphereMQChannelConfigurationStrings</a> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">Name</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

## Methods

Name	Description
 <a href="#">ApplyConfiguration(Binding)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">DeserializeElement(XmlReader, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetTransformedAssemblyString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetTransformedTypeString(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Init()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">InitializeDefault()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">InitializeFrom(Binding)</a>	Initializes the binding element with the content from the specified binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">IsModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">IsReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ListErrors(IList)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">OnApplyConfiguration(Binding)</a>	Applies the settings of the configuration element to the <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">OnDeserializeUnrecognizedAttribute(String, String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">OnDeserializeUnrecognizedElement(String, XmlReader)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">OnRequiredPropertyNotFound(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">PostDeserialize()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">PreSerialize(XmlWriter)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Reset(ConfigurationElement)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">ResetModified()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">SerializeElement(XmlWriter, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">SerializeToXmlElement(XmlWriter, String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">SetPropertyValue(ConfigurationProperty, Object, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">SetPropertyValueIfNotDefaultValue&lt;T&gt;(String, 'T)</a>	(Inherited from <a href="#">ServiceModelConfigurationElement</a> .)
 <a href="#">SetReadOnly()</a>	(Inherited from <a href="#">ConfigurationElement</a> .)

 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Unmerge(ConfigurationElement, ConfigurationElement, ConfigurationSaveMode)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQRequestReplyBinaryBindingElement Members





























The following tables list the members exposed by the [WebSphereMQRequestReplyBinaryBindingElement](#) type.



## Public Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyBinaryBindingElement</a>	Overloaded.

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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> .class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )









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#### Protected Properties

	Name	Description
	<a href="#">BindingElementType</a>	Overridden. Gets the type of the binding element.
	<a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )




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#### Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )

 <a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

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See Also

#### Reference

[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# WebSphereMQRequestReplyBinaryBindingElement

## Constructor

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Overload List

	Name	Description
	<a href="#">WebSphereMQRequestReplyBinaryBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBinaryBindingElement</a> class with the default property values.
	<a href="#">WebSphereMQRequestReplyBinaryBindingElement(String)</a>	

See Also  
[WebSphereMQRequestReplyBinaryBindingElement Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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**WebSphereMQRequestReplyBinaryBindingElement Constructor ()**  
Initializes a new instance of the [WebSphereMQRequestReplyBinaryBindingElement](#) class with the default property values.

Syntax  
C#

```
public WebSphereMQRequestReplyBinaryBindingElement()
```

C++

```
public:  
WebSphereMQRequestReplyBinaryBindingElement()
```

F#

```
new : unit -> WebSphereMQRequestReplyBinaryBindingElement
```

VB

```
Public Sub New
```

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**WebSphereMQRequestReplyBinaryBindingElement Constructor (String)**

Syntax  
C#

```
public WebSphereMQRequestReplyBinaryBindingElement(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQRequestReplyBinaryBindingElement(  
    String^ configurationName  
)
```

F#

```
new :
```

configurationName:[string](#) -> WebSphereMQRequestReplyBinaryBindingElement

VB

```
Public Sub New (  
    configurationName As String  
)
```

**Parameters**

*configurationName*

Type: [System.String](#)

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# WebSphereMQRequestReplyBinaryBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBinaryBindingElement](#) class with the default property values.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyBinaryBindingElement ()
```

C++

```
public:
WebSphereMQRequestReplyBinaryBindingElement ()
```

J#

```
public WebSphereMQRequestReplyBinaryBindingElement ()
```

JScript

```
public function WebSphereMQRequestReplyBinaryBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[WebSphereMQRequestReplyBinaryBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBindingElement Constructor (String)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQRequestReplyBinaryBindingElement (
    string configurationName
)
```

C++

```
public:
    WebSphereMQRequestReplyBinaryBindingElement (
        String^ configurationName
    )
```

J#

```
public WebSphereMQRequestReplyBinaryBindingElement (
    String configurationName
)
```

JScript

```
public function WebSphereMQRequestReplyBinaryBindingElement (
    configurationName : String
)
```

## Parameters

configurationName

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[WebSphereMQRequestReplyBinaryBindingElement Members](#)
























[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBindingElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also
























## Reference




















[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)






# WebSphereMQRequestReplyBinaryBindingElement Properties

Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqpmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )

#### Protected Properties

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of the binding element.
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )

See Also

#### Reference

[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinaryBindingElement.BindingElementType Property

Gets the type of the binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property BindingElementType As Type
```

C#

```
protected override Type BindingElementType { get; }
```

C++

```
protected:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
protected Type get_BindingElementType ()
```

JScript

```
protected override function get BindingElementType () : Type
```

## Property Value

The type of the binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyBinaryBindingElement Class](#)

[WebSphereMQRequestReplyBinaryBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyBinding Class

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.Binding](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBinding](#)

**[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBinding](#)**

Syntax

C#

```
public class WebSphereMQRequestReplyBinding : WebSphereMQBinding
```

C++

```
public ref class WebSphereMQRequestReplyBinding : WebSphereMQBinding
```



F#

```
type WebSphereMQRequestReplyBinding =  
    class  
        inherit WebSphereMQBinding  
    end
```















VB






























```
Public Class WebSphereMQRequestReplyBinding  
    Inherits WebSphereMQBinding
```

Constructors






Name	Description
 <a href="#">WebSphereMQRequestReplyBinding()</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyBinding</b> class with the default property values.
 <a href="#">WebSphereMQRequestReplyBinding(String)</a>	





















Properties

Name	Description
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the Message after receiving the Message(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MessageVersion</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <a href="#">WebSphereMQBinding</a> class.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)

 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">MqskoSslKeyRepository</a>	Gets or sets the Mqsko SSL Key Repository.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">Name</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Namespace</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoints configured with the binding.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">Scheme</a>	Gets the addressing scheme that is used by the <a href="#">WebSphereMQBinding</a> object.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">TlCorrelationID</a>	Gets or sets the Tl correlation identifier.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection for send.(Inherited from <a href="#">WebSphereMQBinding</a> .)

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(String)</a>	Applies the settings from the configuration element that corresponds to the specified name to the current instance of the binding element.(Overrides <a href="#">WebSphereMQBinding.ApplyConfiguration(String)</a> .)
 <a href="#">BuildChannelFactory&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelFactory&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(BindingParameterCollection)</a>	(Inherited from <a href="#">Binding</a> .)
 <a href="#">BuildChannelListener&lt;'TChannel&gt;(Object[])</a>	(Inherited from <a href="#">Binding</a> .)

 BuildChannelListener<'TChannel>(Uri, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel>(Uri, Object[])	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel>(Uri, String, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel>(Uri, String, ListenUriMode, BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel>(Uri, String, ListenUriMode, Object[])	(Inherited from <a href="#">Binding</a> .)
 BuildChannelListener<'TChannel>(Uri, String, Object[])	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelFactory<'TChannel>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelFactory<'TChannel>(Object[])	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelListener<'TChannel>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 CanBuildChannelListener<'TChannel>(Object[])	(Inherited from <a href="#">Binding</a> .)
 CreateBindingElements()	Creates a collection that contains the binding elements that are part of the current binding.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 Equals(Object)	(Inherited from <a href="#">Object</a> .)
 Finalize()	(Inherited from <a href="#">Object</a> .)
 GetHashCode()	(Inherited from <a href="#">Object</a> .)
 GetMessageEncodingBindingElement()	Returns a new instance of the MessageEncodingBindingElement when overridden by derived classes.(Inherited from <a href="#">WebSphereMQBinding</a> .)
 GetMQTransportBindingElement()	When overridden in a derived class, returns a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class.(Overrides <a href="#">WebSphereMQBinding.GetMQTransportBindingElement()</a> .)
 GetProperty<'T>(BindingParameterCollection)	(Inherited from <a href="#">Binding</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 ToString()	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQRequestReplyBinding Members



































The following tables list the members exposed by the [WebSphereMQRequestReplyBinding](#) type.










## Public Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyBinding</a>	Overloaded.

## Top















## Public Properties

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )

	<a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoint s configured with the binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection f or send. (inherited from <a href="#">WebSphereMQBinding</a> )






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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies the settings from the configuration element that corresponds to the specified name to the current instance of the binding element.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Returns a new instance of the MessageEncodingBindingElement when overridden by derived classes. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">GetMQTransportBindingElement</a>	Overridden. When overridden in a derived class, returns a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

[Top](#)

See Also

## Reference

[WebSphereMQRequestReplyBinding Class](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinding Constructor

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

## Overload List

Name	Description
 <a href="#">WebSphereMQRequestReplyBinding()</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBinding</a> class with the default property values.
 <a href="#">WebSphereMQRequestReplyBinding(String)</a>	

See Also

[WebSphereMQRequestReplyBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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### WebSphereMQRequestReplyBinding Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBinding](#) class with the default property values.

Syntax

C#

```
public WebSphereMQRequestReplyBinding()
```

C++

```
public:  
WebSphereMQRequestReplyBinding()
```

F#

```
new : unit -> WebSphereMQRequestReplyBinding
```

VB

```
Public Sub New
```

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### WebSphereMQRequestReplyBinding Constructor (String)

Syntax

C#

```
public WebSphereMQRequestReplyBinding(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQRequestReplyBinding(  
    String^ configurationName  
)
```

F#

```
new :  
    configurationName:string -> WebSphereMQRequestReplyBinding
```

VB

```
Public Sub New (  
    configurationName As String  
)
```

#### Parameters

*configurationName*

Type: [System.String](#)

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# WebSphereMQRequestReplyBinding Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBinding](#) class with the default property values.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyBinding ()
```

C++

```
public:
WebSphereMQRequestReplyBinding ()
```

J#

```
public WebSphereMQRequestReplyBinding ()
```

JScript

```
public function WebSphereMQRequestReplyBinding ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyBinding Class](#)

[WebSphereMQRequestReplyBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyBinding Constructor (String)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQRequestReplyBinding (
    string configurationName
)
```

C++

```
public:
WebSphereMQRequestReplyBinding (
    String^ configurationName
)
```

J#

```
public WebSphereMQRequestReplyBinding (
    String configurationName
)
```

JScript

```
public function WebSphereMQRequestReplyBinding (
    configurationName : String
)
```

## Parameters

configurationName

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference















[WebSphereMQRequestReplyBinding Class](#)

[WebSphereMQRequestReplyBinding Members](#)






[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinding Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">BuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelFactory</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CanBuildChannelListener</a>	Overloaded. (inherited from <a href="#">Binding</a> )
	<a href="#">CreateBindingElements</a>	Creates a collection that contains the binding elements that are part of the current binding. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ShouldSerializeName</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ShouldSerializeNamespace</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies the settings from the configuration element that corresponds to the specified name to the current instance of the binding element.
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetMessageEncodingBindingElement</a>	Returns a new instance of the <a href="#">MessageEncodingBindingElement</a> when overridden by derived classes. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">GetMQTransportBindingElement</a>	Overridden. When overridden in a derived class, returns a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class.
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQRequestReplyBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinding.ApplyConfiguration Method

Applies the settings from the configuration element that corresponds to the specified name to the current instance of the binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub ApplyConfiguration ( _
    configurationName As String _
)
```

C#

```
protected override void ApplyConfiguration (
    string configurationName
)
```

C++

```
protected:
virtual void ApplyConfiguration (
    String^ configurationName
) override
```

J#

```
protected void ApplyConfiguration (
    String configurationName
)
```

JScript

```
protected override function ApplyConfiguration (
    configurationName : String
)
```

## Parameters

configurationName

The name of the configuration element to take the settings from.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyBinding Class](#)

[WebSphereMQRequestReplyBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinding.GetMQTransportBindingElement Method

When overridden in a derived class, returns a new instance of the [WebSphereMQTransportBindingElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function GetMQTransportBindingElement As WebSphereMQTransportBindingElement
```

C#

```
protected override WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

C++

```
protected:
virtual WebSphereMQTransportBindingElement^ GetMQTransportBindingElement () override
```

J#

```
protected WebSphereMQTransportBindingElement GetMQTransportBindingElement ()
```

JScript

```
protected override function GetMQTransportBindingElement () : WebSphereMQTransportBindingElement
```

## Return Value

A new instance of the transport binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference






[WebSphereMQRequestReplyBinding Class](#)


















[WebSphereMQRequestReplyBinding Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBinding Properties

## Public Properties

	Name	Description
	<a href="#">CloseTimeout</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the name of the cluster queue manager. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ConnectionType</a>	Gets or sets the type of the connection of a <a href="#">WebSphereMQBinding</a> object. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">ExtensibleMQHeaders</a>	Gets or sets a list of custom headers that will be loaded during runtime. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the Message after receiving the Message (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MessageVersion</a>	(inherited from <a href="#">Binding</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd Connection. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum length of the message for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdPassword</a>	Gets or sets the password for the <b>WebSphereMQBinding</b> class. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Mqcd SSL Cipher Specification. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets whether the Mqcd SSL Client Authentication is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdSslPeerName</a>	Gets or sets the Mqcd SSL Peer Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdTransportType</a>	Gets or sets the Mqcd Transport Type. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the Mqcd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the Mqgmo Complete Message. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoConvert</a>	Gets or sets the Mqgmo Convert. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets whether the Mqgmo is in Logical Order. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the Mqgmo Sync Point. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the Mqgmo Wait Interval. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdFormat</a>	Gets or sets the Mqmd Format. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Mqmd Put Application Name. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the Mqmd reply to Queue. (inherited from <a href="#">WebSphereMQBinding</a> )
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the Mqmd Reply to Queue Manager. (inherited from <a href="#">WebSphereMQBinding</a> )

 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets whether the Mqmd Segmentation is allowed. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the Mqmd User Identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets whether the Mqpmo Logical Order is used. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets if the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the Mqsco SSL Key Repository. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">Name</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">Namespace</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">ReaderQuotas</a>	Gets constraints on the complexity of SOAP messages that can be processed by endpoint s configured with the binding. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">Scheme</a>	Gets the addressing scheme that is used by the <b>WebSphereMQBinding</b> object. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">Binding</a> )
 <a href="#">TICorrelationID</a>	Gets or sets the TI correlation identifier. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">Transaction</a>	Gets or sets whether the send or receive needs to be performed in a transaction scope. (inherited from <a href="#">WebSphereMQBinding</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a property that indicates whether the transport uses a persistent connection f or send. (inherited from <a href="#">WebSphereMQBinding</a> )

See Also

#### Reference

[WebSphereMQRequestReplyBinding Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBindingElement Class

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.Configuration.ConfigurationElement](#)

[System.ServiceModel.Configuration.ServiceModelConfigurationElement](#)

[System.ServiceModel.Configuration.StandardBindingElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQBindingElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyBindingElement**

Syntax

```
public class WebSphereMQRequestReplyBindingElement : WebSphereMQBindingElement
```

C++

```
public ref class WebSphereMQRequestReplyBindingElement : WebSphereMQBindingElement
```



F#

```
type WebSphereMQRequestReplyBindingElement =  
    class  
        inherit WebSphereMQBindingElement  
    end
```








VB



























```
Public Class WebSphereMQRequestReplyBindingElement  
    Inherits WebSphereMQBindingElement
```

Constructors

















Name	Description
 <a href="#">WebSphereMQRequestReplyBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyBindingElement</b> class with the specified values.
 <a href="#">WebSphereMQRequestReplyBindingElement(String)</a>	

Properties


Name	Description
 <a href="#">BindingElementType</a>	Gets the Type of binding that this configuration element represents.(Overrides <a href="#">WebSphereMQBindingElement.BindingElementType</a> .)
 <a href="#">CloseTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">CurrentConfiguration</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ElementInformation</a>	(Inherited from <a href="#">ConfigurationElement</a> .)





























 <a href="#">ElementProperty</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">EvaluationContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">HasContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(ConfigurationProperty)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">LockAllAttributesExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAllElementsExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAttributes</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockElements</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockItem</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> .class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <a href="#">WebSphereMQBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)



 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <a href="#">WebSphereMQTransportElement</a> class. The default is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <a href="#">WebSphereMQChannelConfigurationStrings</a> .(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">Name</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">OpenTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">ReceiveTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">SendTimeout</a>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(Binding)</a>	(Inherited from <a href="#">StandardBindingElement</a> .)

 <code>DeserializeElement(XmlReader, Boolean)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>Equals(Object)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>Finalize()</code>	(Inherited from <a href="#">Object</a> .)
 <code>GetHashCode()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>GetTransformedAssemblyString(String)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>GetTransformedTypeString(String)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>GetType()</code>	(Inherited from <a href="#">Object</a> .)
 <code>Init()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>InitializeDefault()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>InitializeFrom(Binding)</code>	Initializes the binding element with the content from the specified binding.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <code>IsModified()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>IsReadOnly()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>ListErrors(IList)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>MemberwiseClone()</code>	(Inherited from <a href="#">Object</a> .)
 <code>OnApplyConfiguration(Binding)</code>	Applies the settings of the configuration element to the <a href="#">WebSphereMQBindingElement</a> object.(Inherited from <a href="#">WebSphereMQBindingElement</a> .)
 <code>OnDeserializeUnrecognizedAttribute(String, String)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>OnDeserializeUnrecognizedElement(String, XmlReader)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>OnRequiredPropertyNotFound(String)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>PostDeserialize()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>PreSerialize(XmlWriter)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>Reset(ConfigurationElement)</code>	(Inherited from <a href="#">StandardBindingElement</a> .)
 <code>ResetModified()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>SerializeElement(XmlWriter, Boolean)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>SerializeToXmlElement(XmlWriter, String)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>SetPropertyValue(ConfigurationProperty, Object, Boolean)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>SetPropertyValueIfNotDefaultValue&lt;T&gt;(String, 'T)</code>	(Inherited from <a href="#">ServiceModelConfigurationElement</a> .)
 <code>SetReadOnly()</code>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <code>ToString()</code>	(Inherited from <a href="#">Object</a> .)
 <code>Unmerge(ConfigurationElement, ConfigurationElement, ConfigurationSaveMode)</code>	(Inherited from <a href="#">ConfigurationElement</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)

# WebSphereMQRequestReplyBindingElement Members




























The following tables list the members exposed by the [WebSphereMQRequestReplyBindingElement](#) type.




















## Public Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyBindingElement</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBindingElement</a> class.

## Top






## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )








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#### Protected Properties

	Name	Description
	<a href="#">BindingElementType</a>	Overridden. Gets the Type of binding that this configuration element represents.
	<a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )


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#### Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )

 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

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See Also

#### Reference

[WebSphereMQRequestReplyBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyBindingElement Constructor

Initializes a new instance of the [WebSphereMQRequestReplyBindingElement](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Overload List

Name	Description
 <a href="#">WebSphereMQRequestReplyBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyBindingElement</a> class with the specified values.
 <a href="#">WebSphereMQRequestReplyBindingElement(String)</a>	

See Also

[WebSphereMQRequestReplyBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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**WebSphereMQRequestReplyBindingElement Constructor ()**

Initializes a new instance of the [WebSphereMQRequestReplyBindingElement](#) class with the specified values.

Syntax

C#

```
public WebSphereMQRequestReplyBindingElement()
```

C++

```
public:  
WebSphereMQRequestReplyBindingElement()
```

F#

```
new : unit -> WebSphereMQRequestReplyBindingElement
```

VB

```
Public Sub New
```

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**WebSphereMQRequestReplyBindingElement Constructor (String)**

Syntax

C#

```
public WebSphereMQRequestReplyBindingElement(  
    string configurationName  
)
```

C++

```
public:  
WebSphereMQRequestReplyBindingElement(  
    String^ configurationName  
)
```

F#

```
new :  
    configurationName:string -> WebSphereMQRequestReplyBindingElement
```

---

VB

```
Public Sub New (  
    configurationName As String  
)
```

**Parameters**

*configurationName*

Type: [System.String](#)

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# WebSphereMQRequestReplyBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyBindingElement](#) class with the specified values.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyBindingElement ()
```

C++

```
public:
WebSphereMQRequestReplyBindingElement ()
```

J#

```
public WebSphereMQRequestReplyBindingElement ()
```

JScript

```
public function WebSphereMQRequestReplyBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyBindingElement Class](#)

[WebSphereMQRequestReplyBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBindingElement Constructor (String)

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New ( _
    configurationName As String _
)
```

C#

```
public WebSphereMQRequestReplyBindingElement (
    string configurationName
)
```

C++

```
public:
WebSphereMQRequestReplyBindingElement (
    String^ configurationName
)
```

J#

```
public WebSphereMQRequestReplyBindingElement (
    String configurationName
)
```

JScript

```
public function WebSphereMQRequestReplyBindingElement (
    configurationName : String
)
```

## Parameters

configurationName

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference









[WebSphereMQRequestReplyBindingElement Class](#)

[WebSphereMQRequestReplyBindingElement Members](#)
























[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBindingElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">IsModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also













## Reference




















[WebSphereMQRequestReplyBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)






# WebSphereMQRequestReplyBindingElement Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">CloseTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">ConnectionType</a>	Gets the type of connection for the specified <a href="#">WebSphereMQBindingElement</a> object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets a value that indicates whether the specified setting of the dead-letter queue is applied. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ExtensibleMQHeaders</a>	Gets or sets the extensible message queue headers for the specified object. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets a value for the Channel Name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdConnectionName</a>	Gets or sets the connection name. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the string value of the MqcdSslCipherSpecification in the <a href="#">WebSphereMQChannelConfigurationStrings</a> class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdTransportType</a>	Gets or sets the transport type of the <b>WebSphereMQBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the unique identifier for the user. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportElement</a> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )

 <a href="#">MqmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets a value of the MqscoSslKeyRepository in the specified <b>WebSphereMQChannelConfigurationStrings</b> . (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">Name</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">OpenTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">ReaderQuotas</a>	Gets or sets constraints on the complexity of SOAP messages that can be processed by endpoints configured with this binding. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextEnabled</a>	Gets or sets a value that indicates whether the receive context is enabled. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveContextValidityDuration</a>	Gets or sets the validity duration of the receive context. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">ReceiveTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">SendTimeout</a>	(inherited from <a href="#">StandardBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQBindingElement</a> )

#### Protected Properties

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the Type of binding that this configuration element represents.
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Returns a typed object requested, if present, from the appropriate layer in the binding stack. (inherited from <a href="#">WebSphereMQBindingElement</a> )

See Also

#### Reference

[WebSphereMQRequestReplyBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyBindingElement.BindingElementType Property

Gets the Type of binding that this configuration element represents.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property BindingElementType As Type
```

C#

```
protected override Type BindingElementType { get; }
```

C++

```
protected:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
protected Type get_BindingElementType ()
```

JScript

```
protected override function get BindingElementType () : Type
```

## Property Value

The binding type.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyBindingElement Class](#)

[WebSphereMQRequestReplyBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement Class

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.BindingElement](#)

[System.ServiceModel.Channels.TransportBindingElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQTransportBindingElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyTransportBindingElement**

Syntax

C#

```
public class WebSphereMQRequestReplyTransportBindingElement : WebSphereMQTransportBindingElement
```

C++

```
public ref class WebSphereMQRequestReplyTransportBindingElement : WebSphereMQTransportBindingElement
```



F#

```
type WebSphereMQRequestReplyTransportBindingElement =  
    class  
        inherit WebSphereMQTransportBindingElement  
    end
```













VB

























```
Public Class WebSphereMQRequestReplyTransportBindingElement  
    Inherits WebSphereMQTransportBindingElement
```

Constructors


Name	Description
 <a href="#">WebSphereMQRequestReplyTransportBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyTransportBindingElement</b> class.
 <a href="#">WebSphereMQRequestReplyTransportBindingElement(WebSphereMQRequestReplyTransportBindingElement)</a>	Initializes a new instance of the <b>WebSphereMQRequestReplyTransportBindingElement</b> class from the other <b>WebSphereMQRequestReplyTransportBindingElement</b> .

Properties











Name	Description
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportBindingElement</a> object.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the message after receiving the message.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">ManualAddressing</a>	(Inherited from <a href="#">TransportBindingElement</a> .)
 <a href="#">MaxBufferPoolSize</a>	(Inherited from <a href="#">TransportBindingElement</a> .)
 <a href="#">MaxReceivedMessageSize</a>	(Inherited from <a href="#">TransportBindingElement</a> .)
 <a href="#">MoveMessageToBackoutQueue</a>	(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Mqcd Channel Name.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd connection name.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval for the specified <a href="#">WebSphereMQTransportBindingElement</a> object.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified Mqcd maximum message length.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)

 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the cipher specification of the specified binding element.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <a href="#">WebSphereMQTransportBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <a href="#">WebSphereMQTransportBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <a href="#">WebSphereMQTransportBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqgmoConvert</a>	Gets or sets the MQGMO CONVERT option when performing the MQGET.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order of the <a href="#">WebSphereMQTransportBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <a href="#">WebSphereMQTransportBindingElement</a> class. The default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval in retrieving messages from MQSeries Queue.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application Name to be used.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses to the queue.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the class.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <a href="#">WebSphereMQTransportBindingElement</a> class the default value is <b>null</b> .(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqpmoSyncPoint</a>	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO).(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">Scheme</a>	Gets the URI scheme for the transport.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">TICorrelationID</a>	Gets or sets the value of the TI Correlation ID used in this class.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">TransactedReceiveEnabled</a>	Gets a value that indicates whether the transaction is enabled for a receive operation.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a value that indicates whether the connection is persistent.(Inherited from <a href="#">WebSphereMQTransportBindingElement</a> .)

#### Methods

Name	Description
 <a href="#">BuildChannelFactory&lt;'TChannel'&gt;(BindingContext)</a>	Initializes a channel factory for producing channels of a specified type from the binding context.(Overrides <a href="#">WebSphereMQTransportBindingElement.BuildChannelFactory&lt;'TChannel'&gt;(BindingContext)</a> .)



 <a href="#">BuildChannelListener&lt;'TChannel&gt;(BindingContext)</a>	Initializes a channel listener to accept channels of a specified type from the binding context.(Overrides <a href="#">WebSphereMQTransportBindingElement.BuildChannelListener&lt;'TChannel&gt;(BindingContext).</a> )
 <a href="#">CanBuildChannelFactory&lt;'TChannel&gt;(BindingContext)</a>	Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.(Overrides <a href="#">WebSphereMQTransportBindingElement.CanBuildChannelFactory&lt;'TChannel&gt;(BindingContext).</a> )
 <a href="#">CanBuildChannelListener&lt;'TChannel&gt;(BindingContext)</a>	Returns a value that indicates whether the binding element can build a listener for a specific type of channel.(Overrides <a href="#">WebSphereMQTransportBindingElement.CanBuildChannelListener&lt;'TChannel&gt;(BindingContext).</a> )
 <a href="#">Clone()</a>	Clones the binding element.(Overrides <a href="#">WebSphereMQTransportBindingElement.Clone().</a> )
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">GetProperty&lt;'T&gt;(BindingContext)</a>	Returns the type of object T requested if it is present or <b>null</b> if it is not present.(Inherited from <a href="#">WebSphereMQTransportBindingElement.</a> )
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object.</a> )
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object.</a> )

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQRequestReplyTransportBindingElement

## Members

The following tables list the members exposed by the [WebSphereMQRequestReplyTransportBindingElement](#) type.

Public Constructors (see also [Protected Constructors](#))

Name	Description
<a href="#">WebSphereMQRequestReplyTransportBindingElement</a>	Overloaded.





















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Protected Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyTransportBindingElement</a>	Overloaded.

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Public Properties

Name	Description
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportBindingElement</a> object. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the message after receiving the message. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">ManualAddressing</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MaxBufferPoolSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MaxReceivedMessageSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd connection name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval for the specified <b>WebSphereMQTransportBindingElement</b> object. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified Mqcd maximum message length. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the cipher specification of the specified binding element. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the MQGMO CONVERT option when performing the MQGET. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )

 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval in retrieving messages from MQSeries Queue. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application Name to be used. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses to the queue. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Message Queuing format name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportBindingElement</b> class the default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO). (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">Scheme</a>	Gets the URI scheme for the transport. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">TICorrelationID</a>	Gets or sets the value of the TI Correlation ID used in this class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">TransactedReceiveEnabled</a>	Gets a value that indicates whether the transaction is enabled for a receive operation. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a value that indicates whether the connection is persistent. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overridden. Initializes a channel factory for producing channels of a specified type from the binding context.
	<a href="#">BuildChannelListener</a>	Overridden. Initializes a channel listener to accept channels of a specified type from the binding context.
	<a href="#">CanBuildChannelFactory</a>	Overridden. Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.
	<a href="#">CanBuildChannelListener</a>	Overridden. Returns a value that indicates whether the binding element can build a listener for a specific type of channel.
	<a href="#">Clone</a>	Overridden. Clones the binding element.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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[See Also](#)

**Reference**



[WebSphereMQRequestReplyTransportBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement Constructor

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Overload List

Name	Description
 <a href="#">WebSphereMQRequestReplyTransportBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyTransportBindingElement</a> class.
 <a href="#">WebSphereMQRequestReplyTransportBindingElement(WebSphereMQRequestReplyTransportBindingElement)</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyTransportBindingElement</a> class from the other <a href="#">WebSphereMQRequestReplyTransportBindingElement</a> .

See Also  
[WebSphereMQRequestReplyTransportBindingElement Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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**WebSphereMQRequestReplyTransportBindingElement Constructor ()**  
Initializes a new instance of the [WebSphereMQRequestReplyTransportBindingElement](#) class.

Syntax

```
C#
public WebSphereMQRequestReplyTransportBindingElement()
```

```
C++
public:
    WebSphereMQRequestReplyTransportBindingElement()
```

```
F#
new : unit -> WebSphereMQRequestReplyTransportBindingElement
```

```
VB
Public Sub New
```

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**WebSphereMQRequestReplyTransportBindingElement Constructor (WebSphereMQRequestReplyTransportBindingElement)**  
Initializes a new instance of the [WebSphereMQRequestReplyTransportBindingElement](#) class from the other [WebSphereMQRequestReplyTransportBindingElement](#).

Syntax

```
C#
protected WebSphereMQRequestReplyTransportBindingElement(
    WebSphereMQRequestReplyTransportBindingElement other
)
```

```
C++
protected:
    WebSphereMQRequestReplyTransportBindingElement(
        WebSphereMQRequestReplyTransportBindingElement^ other
    )
```

```
F#
new :
    other:WebSphereMQRequestReplyTransportBindingElement -> WebSphereMQRequestReplyTransportBindingElement
```

```
VB
Protected Sub New (
    other As WebSphereMQRequestReplyTransportBindingElement
)
```

**Parameters**  
*other*  
Type: [System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyTransportBindingElement](#)  
The other representation of this element.

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# WebSphereMQRequestReplyTransportBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQRequestReplyTransportBindingElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyTransportBindingElement ()
```

C++

```
public:
WebSphereMQRequestReplyTransportBindingElement ()
```

J#

```
public WebSphereMQRequestReplyTransportBindingElement ()
```

JScript

```
public function WebSphereMQRequestReplyTransportBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement Constructor (WebSphereMQRequestReplyTransportBindingElement)

Initializes a new instance of the [WebSphereMQRequestReplyTransportBindingElement](#) class from the other **WebSphereMQRequestReplyTransportBindingElement**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub New ( _
    other As WebSphereMQRequestReplyTransportBindingElement _
)
```

C#

```
protected WebSphereMQRequestReplyTransportBindingElement (
    WebSphereMQRequestReplyTransportBindingElement other
)
```

C++

```
protected:
WebSphereMQRequestReplyTransportBindingElement (
    WebSphereMQRequestReplyTransportBindingElement^ other
)
```

J#

```
protected WebSphereMQRequestReplyTransportBindingElement (
    WebSphereMQRequestReplyTransportBindingElement other
)
```

JScript

```
protected function WebSphereMQRequestReplyTransportBindingElement (
    other : WebSphereMQRequestReplyTransportBindingElement
)
```

## Parameters

other

The other representation of this element.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)













[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)




# WebSphereMQRequestReplyTransportBindingElement

## Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overridden. Initializes a channel factory for producing channels of a specified type from the binding context.
	<a href="#">BuildChannelListener</a>	Overridden. Initializes a channel listener to accept channels of a specified type from the binding context.
	<a href="#">CanBuildChannelFactory</a>	Overridden. Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.
	<a href="#">CanBuildChannelListener</a>	Overridden. Returns a value that indicates whether the binding element can build a listener for a specific type of channel.
	<a href="#">Clone</a>	Overridden. Clones the binding element.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	(inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

### Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyTransportBindingElement.BuildChannelFactory Generic Method

Initializes a channel factory for producing channels of a specified type from the binding context.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function BuildChannelFactory(Of TChannel) ( _
    context As BindingContext _
) As IChannelFactory(Of TChannel)
```

C#

```
public virtual IChannelFactory<TChannel> BuildChannelFactory<TChannel> (
    BindingContext context
)
```

C++

```
public:
generic<typename TChannel>
virtual IChannelFactory<TChannel>^ BuildChannelFactory (
    BindingContext^ context
)
```

J#

JScript

## Generic Parameters

TChannel

The type of channel the factory builds.

## Parameters

context

The specified context that provides context for the binding element.

## Return Value

A channel factory for producing channels of a specified type from the binding context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement.BuildChannelListener Generic Method

Initializes a channel listener to accept channels of a specified type from the binding context.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function BuildChannelListener(Of TChannel As IChannel) ( _
    context As BindingContext _
) As IChannelListener(Of TChannel)
```

C#

```
public virtual IChannelListener<TChannel> BuildChannelListener<TChannel> (
    BindingContext context
) where TChannel : IChannel
```

C++

```
public:
generic<typename TChannel> where TChannel : IChannel
virtual IChannelListener<TChannel>^ BuildChannelListener (
    BindingContext^ context
)
```

J#

JScript

## Generic Parameters

TChannel

The type of channel the listener is built to accept.

## Parameters

context

The specified context that provides context for the binding element.

## Return Value

The [IChannelListener](#) of type IChannel initialized from the context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement.CanBuildChannelFactory Generic Method

Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.websphermq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CanBuildChannelFactory(Of TChannel) ( _
    context As BindingContext _
) As Boolean
```

C#

```
public override bool CanBuildChannelFactory<TChannel> (
    BindingContext context
)
```

C++

```
public:
    generic<typename TChannel>
    virtual bool CanBuildChannelFactory (
        BindingContext^ context
    ) override
```

J#

JScript

## GenericParameters

TChannel

The type of channel the channel factory produces.

## Parameters

context

The [BindingContext](#) that provides context for the binding element.

## Return Value

**True** if the `IChannelFactory<TChannel>` of type `TChannel` can be built by the binding element; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement.CanBuildChannelListener Generic Method

Returns a value that indicates whether the binding element can build a listener for a specific type of channel.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.websphermq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CanBuildChannelListener(Of TChannel As IChannel) ( _
    context As BindingContext _
) As Boolean
```

C#

```
public override bool CanBuildChannelListener<TChannel> (
    BindingContext context
) where TChannel : IChannel
```

C++

```
public:
generic<typename TChannel> where TChannel : IChannel
virtual bool CanBuildChannelListener (
    BindingContext^ context
) override
```

J#

JScript

## GenericParameters

TChannel

The type of channel the listener accepts.

## Parameters

context

The [BindingContext](#) that provides context for the binding element.

## Return Value

**True** if the `IChannelListener<TChannel>` of type `IChannel` can be built by the binding element, otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement.Clone Method

Clones the binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Clone As BindingElement
```

C#

```
public override BindingElement Clone ()
```

C++

```
public:
virtual BindingElement^ Clone () override
```

J#

```
public BindingElement Clone ()
```

JScript

```
public override function Clone () : BindingElement
```

## Return Value

A clone instance of the binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference


















[WebSphereMQRequestReplyTransportBindingElement Class](#)















[WebSphereMQRequestReplyTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportBindingElement Properties

## Public Properties

	Name	Description
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportBindingElement</a> object. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the message after receiving the message. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">ManualAddressing</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MaxBufferPoolSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MaxReceivedMessageSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets a value for the Mqcd Channel Name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd connection name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval for the specified <b>WebSphereMQTransportBindingElement</b> object. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified Mqcd maximum message length. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the cipher specification of the specified binding element. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqgmoConvert</a>	Gets or sets the MQGMO CONVERT option when performing the MQGET. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval in retrieving messages from MQSeries Queue. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )

 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application Name to be used. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses to the queue. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportBindingElement</b> class the default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO). (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">Scheme</a>	Gets the URI scheme for the transport. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">TICorrelationID</a>	Gets or sets the value of the TI Correlation ID used in this class. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">TransactedReceiveEnabled</a>	Gets a value that indicates whether the transaction is enabled for a receive operation. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a value that indicates whether the connection is persistent. (inherited from <a href="#">WebSphereMQTransportBindingElement</a> )

See Also

#### Reference

[WebSphereMQRequestReplyTransportBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportElement Class

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Class WebSphereMQRequestReplyTransportElement
    Inherits WebSphereMQTransportElement
```

C#

```
public class WebSphereMQRequestReplyTransportElement : WebSphereMQTransportElement
```

C++

```
public ref class WebSphereMQRequestReplyTransportElement : public WebSphereMQTransportElement
```

J#

```
public class WebSphereMQRequestReplyTransportElement extends WebSphereMQTransportElement
```

JScript

```
public class WebSphereMQRequestReplyTransportElement extends WebSphereMQTransportElement
```

Inheritance Hierarchy [System.Object](#)

[System.Configuration.ConfigurationElement](#)

[System.ServiceModel.Configuration.ServiceModelExtensionElement](#)

[System.ServiceModel.Configuration.BindingElementExtensionElement](#)

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQTransportElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyTransportElement**

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQRequestReplyTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyTransportElement Members

























The following tables list the members exposed by the [WebSphereMQRequestReplyTransportElement](#) type.















## Public Constructors

Name	Description
<a href="#">WebSphereMQRequestReplyTransportElement</a>	Initializes a new instance of the <a href="#">WebSphereMQRequestReplyTransportElement</a> class.

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## Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of the binding element used.
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the specified name for the Cluster Queue Manager. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">ConfigurationElementName</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportElement</a> object. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ManualAddressing</a>	Gets or sets a value that indicates whether manual addressing of the message is required. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MaxBufferPoolSize</a>	Gets or sets the maximum size of any buffer pools used by the <b>WebSphereMQTransportElement</b> object. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MaxReceivedMessageSize</a>	Gets or sets the maximum allowable message size that can be received. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the name of the channel. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the specified name of the Connection. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum message length for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the Mqcd password for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Ssl Cipher specification required. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQTransportElement</a> )

 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the key repository in the class. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQTransportElement</a> )









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#### Protected Properties

Name	Description
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Gets the properties of the specified collection of objects. (inherited from <a href="#">WebSphereMQTransportElement</a> )







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#### Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">ApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">CopyFrom</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

Name	Description
 <a href="#">CreateBindingElement</a>	Overridden. Creates a new binding element for the transport element.
 <a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )

 <a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">IsModified</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
 <a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Reset</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SerializeElement</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

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See Also

#### Reference

[WebSphereMQRequestReplyTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportElement Constructor

Initializes a new instance of the [WebSphereMQRequestReplyTransportElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQRequestReplyTransportElement ()
```

C++

```
public:
WebSphereMQRequestReplyTransportElement ()
```

J#

```
public WebSphereMQRequestReplyTransportElement ()
```

JScript

```
public function WebSphereMQRequestReplyTransportElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**









[WebSphereMQRequestReplyTransportElement Class](#)

[WebSphereMQRequestReplyTransportElement Members](#)
























[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
	<a href="#">CopyFrom</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">CreateBindingElement</a>	Overridden. Creates a new binding element for the transport element.
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	(inherited from <a href="#">WebSphereMQTransportElement</a> )
	<a href="#">IsModified</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also

## Reference

[WebSphereMQRequestReplyTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQRequestReplyTransportElement.CreateBindingElement Method

Creates a new binding element for the transport element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function CreateBindingElement As BindingElement
```

C#

```
protected override BindingElement CreateBindingElement ()
```

C++

```
protected:
virtual BindingElement^ CreateBindingElement () override
```

J#

```
protected BindingElement CreateBindingElement ()
```

JScript

```
protected override function CreateBindingElement () : BindingElement
```

## Return Value

A new binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference
























[WebSphereMQRequestReplyTransportElement Class](#)







[WebSphereMQRequestReplyTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# WebSphereMQRequestReplyTransportElement Properties

Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of the binding element used.
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the specified name for the Cluster Queue Manager. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">ConfigurationElementName</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportElement</a> object. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ManualAddressing</a>	Gets or sets a value that indicates whether manual addressing of the message is required. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MaxBufferPoolSize</a>	Gets or sets the maximum size of any buffer pools used by the <b>WebSphereMQTransportElement</b> object. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MaxReceivedMessageSize</a>	Gets or sets the maximum allowable message size that can be received. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets the name of the channel. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdConnectionName</a>	Gets or sets the specified name of the Connection. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum message length for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdPassword</a>	Gets or sets the Mqcd password for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Ssl Cipher specification required. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )

 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> . (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the key repository in the class. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">Transaction</a>	Gets or sets the local transaction used. (inherited from <a href="#">WebSphereMQTransportElement</a> )
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection. (inherited from <a href="#">WebSphereMQTransportElement</a> )

#### Protected Properties

Name	Description
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Gets the properties of the specified collection of objects. (inherited from <a href="#">WebSphereMQTransportElement</a> )

See Also

#### Reference

[WebSphereMQRequestReplyTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQRequestReplyTransportElement.BindingElementType Property

Gets the type of the binding element used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property BindingElementType As Type
```

C#

```
public override Type BindingElementType { get; }
```

C++

```
public:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
public Type get_BindingElementType ()
```

JScript

```
public override function get BindingElementType () : Type
```

## Property Value

The type of the binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQRequestReplyTransportElement Class](#)

[WebSphereMQRequestReplyTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement Class

Represents the WebsphereMQ transport layer in the WebsphereMQ binding channel stack.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

[System.ServiceModel.Channels.BindingElement](#)

[System.ServiceModel.Channels.TransportBindingElement](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQTransportBindingElement**

[System.ServiceModel.Channels.WebSphereMQ.WebSphereMQRequestReplyTransportBindingElement](#)

Syntax

C#

```
public class WebSphereMQTransportBindingElement : TransportBindingElement,
    ITransactedBindingElement
```

C++

```
public ref class WebSphereMQTransportBindingElement : TransportBindingElement,
    ITransactedBindingElement
```



F#

```
type WebSphereMQTransportBindingElement =
    class
        inherit TransportBindingElement
        interface ITransactedBindingElement
    end
```







VB


























```
Public Class WebSphereMQTransportBindingElement
    Inherits TransportBindingElement
    Implements ITransactedBindingElement
```





Constructors

	Name	Description
	<a href="#">WebSphereMQTransportBindingElement()</a>	Initializes a new instance of the <b>WebSphereMQTransportBindingElement</b> class.
	<a href="#">WebSphereMQTransportBindingElement(WebSphereMQTransportBindingElement)</a>	Initializes a new instance of the <b>WebSphereMQTransportBindingElement</b> class using other objects.













Properties

	Name	Description
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
	<a href="#">ConnectionType</a>	Gets the type of connection for the <b>WebSphereMQTransportBindingElement</b> object.
	<a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use.
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the message after receiving the message.
	<a href="#">ManualAddressing</a>	(Inherited from <a href="#">TransportBindingElement</a> .)
	<a href="#">MaxBufferPoolSize</a>	(Inherited from <a href="#">TransportBindingElement</a> .)

 MaxReceivedMessageSize	(Inherited from <a href="#">TransportBindingElement</a> .)
 MoveMessageToBackoutQueue	
 MqcdChannelName	Gets or sets a value for the Mqcd Channel Name.
 MqcdConnectionName	Gets or sets the Mqcd connection name.
 MqcdHeartBeatInterval	Gets or sets the Mqcd HeartBeat Interval for the specified <b>WebSphereMQTransportBindingElement</b> object.
 MqcdMaximumMessageLength	Gets or sets the specified Mqcd maximum message length.
 MqcdPassword	Gets or sets the password to use when authenticating the client.
 MqcdSslCipherSpecification	Gets or sets the cipher specification of the specified binding element.
 MqcdSslClientAuthentication	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled.
 MqcdSslPeerName	Gets or sets the peer name for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 MqcdTransportType	Gets or sets the transport type for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 MqcdUserIdentifier	Gets or sets the user identifier for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 MqgmoCompleteMessage	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages.
 MqgmoConvert	Gets or sets the MQGMO CONVERT option when performing the MQGET.
 MqgmoLogicalOrder	Gets or sets the logical order of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 MqgmoSyncPoint	Gets or sets the synchronization point of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 MqgmoWaitInterval	Gets or sets the wait interval in retrieving messages from MQSeries Queue.
 MqmdFormat	Gets or sets the specified format of the objects used in the class.
 MqmdPutApplicationName	Gets or sets the Application Name to be used.
 MqmdReplyToQueue	Gets or sets the responses to the queue.
 MqmdReplyToQueueManager	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name.
 MqmdSegmentationAllowed	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 MqmdUserIdentifier	Gets or sets the universal identifier found in the class.
 MqpmoLogicalOrder	Gets or sets the logical order for the <b>WebSphereMQTransportBindingElement</b> class the default value is <b>null</b> .
 MqpmoSyncPoint	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled.
 MqscoSslKeyRepository	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO).
 Scheme	Gets the URI scheme for the transport.(Overrides <a href="#">TransportBindingElement.Scheme</a> .)

 <b>TICorrelationID</b>	Gets or sets the value of the TI Correlation ID used in this class.
 <b>TransactedReceiveEnabled</b>	Gets a value that indicates whether the transaction is enabled for a receive operation.
 <b>Transaction</b>	Gets or sets the local transaction used.
 <b>UsePersistentConnectionForSend</b>	Gets or sets a value that indicates whether the connection is persistent.

#### Methods

<b>Name</b>	<b>Description</b>
 <b>BuildChannelFactory</b> <'TChannel>(BindingContext)	Builds a channel stack consisting of a WebsphereMQ Transport used to send messages.(Overrides <a href="#">BindingElement.BuildChannelFactory</a> <'TChannel>(BindingContext).)
 <b>BuildChannelListener</b> <'TChannel>(BindingContext)	Builds a channel listener stack that consists of IBM WebsphereMQ transport used to receive messages.(Overrides <a href="#">BindingElement.BuildChannelListener</a> <'TChannel>(BindingContext).)
 <b>CanBuildChannelFactory</b> <'TChannel>(BindingContext)	Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.(Overrides <a href="#">BindingElement.CanBuildChannelFactory</a> <'TChannel>(BindingContext).)
 <b>CanBuildChannelListener</b> <'TChannel>(BindingContext)	Returns a value that indicates whether the binding element can build a listener for a specific type of channel.(Overrides <a href="#">BindingElement.CanBuildChannelListener</a> <'TChannel>(BindingContext).)
 <b>Clone()</b>	Gets a copy of the specified <b>WebSphereMQTransportBindingElement</b> object.(Overrides <a href="#">BindingElement.Clone()</a> .)
 <b>Equals</b> (Object)	(Inherited from <a href="#">Object</a> .)
 <b>Finalize()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetHashCode()</b>	(Inherited from <a href="#">Object</a> .)
 <b>GetProperty</b> <'T>(BindingContext)	Returns the type of object T requested if it is present or <b>null</b> if it is not present.(Overrides <a href="#">TransportBindingElement.GetProperty</a> <'T>(BindingContext).)
 <b>GetType()</b>	(Inherited from <a href="#">Object</a> .)
 <b>MemberwiseClone()</b>	(Inherited from <a href="#">Object</a> .)
 <b>ToString()</b>	(Inherited from <a href="#">Object</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQTransportBindingElement Members

Represents the WebsphereMQ transport layer in the WebsphereMQ binding channel stack.

The following tables list the members exposed by the [WebSphereMQTransportBindingElement](#) type.

Public Constructors (see also [Protected Constructors](#))

Name	Description
<a href="#">WebSphereMQTransportBindingElement</a>	Overloaded. Initializes a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class.

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Protected Constructors

Name	Description
<a href="#">WebSphereMQTransportBindingElement</a>	Overloaded.

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Public Properties

Name	Description
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
 <a href="#">ConnectionType</a>	Gets the type of connection for the <b>WebSphereMQTransportBindingElement</b> object.
 <a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use.
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the message after receiving the message.
 <a href="#">ManualAddressing</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MaxBufferPoolSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MaxReceivedMessageSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
 <a href="#">MqcdChannelName</a>	Gets or sets a value for the Mqcd Channel Name.
 <a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd connection name.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval for the specified <b>WebSphereMQTransportBindingElement</b> object.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified Mqcd maximum message length.
 <a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the cipher specification of the specified binding element.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages.
 <a href="#">MqgmoConvert</a>	Gets or sets the MQGMO CONVERT option when performing the MQGET.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval in retrieving messages from MQSeries Queue.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application Name to be used.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses to the queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the class.

 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportBindingElement</b> class the default value is <b>null</b> .
 <a href="#">MqpmoSyncPoint</a>	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled.
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO).
 <a href="#">Scheme</a>	Overridden. Gets the URI scheme for the transport.
 <a href="#">TICorrelationID</a>	Gets or sets the value of the TI Correlation ID used in this class.
 <a href="#">TransactedReceiveEnabled</a>	Gets a value that indicates whether the transaction is enabled for a receive operation.
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a value that indicates whether the connection is persistent.



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Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overridden. Builds a channel stack consisting of a WebsphereMQ Transport used to send messages.
	<a href="#">BuildChannelListener</a>	Overridden. Builds a channel listener stack that consists of IBM WebsphereMQ transport used to receive messages.
	<a href="#">CanBuildChannelFactory</a>	Overridden. Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.
	<a href="#">CanBuildChannelListener</a>	Overridden. Returns a value that indicates whether the binding element can build a listener for a specific type of channel.
	<a href="#">Clone</a>	Overridden. Gets a copy of the specified <b>WebSphereMQTransportBindingElement</b> object.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	Overridden. Returns the type of object T requested if it is present or <b>null</b> if it is not present.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

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See Also

#### Reference

[WebSphereMQTransportBindingElement Class](#)



[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement Constructor

Initializes a new instance of the [WebSphereMQTransportBindingElement](#) class.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** [System.ServiceModel.Channels.WebSphereMQ.Channel](#) (in [System.ServiceModel.Channels.WebSphereMQ.Channel.dll](#))

### Overload List

	Name	Description
	<a href="#">WebSphereMQTransportBindingElement()</a>	Initializes a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class.
	<a href="#">WebSphereMQTransportBindingElement(WebSphereMQTransportBindingElement)</a>	Initializes a new instance of the <a href="#">WebSphereMQTransportBindingElement</a> class using other objects.

See Also  
[WebSphereMQTransportBindingElement Class](#)  
[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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**WebSphereMQTransportBindingElement Constructor ()**  
Initializes a new instance of the [WebSphereMQTransportBindingElement](#) class.

Syntax  
C#

```
public WebSphereMQTransportBindingElement()
```

C++

```
public:  
WebSphereMQTransportBindingElement()
```

F#

```
new : unit -> WebSphereMQTransportBindingElement
```

VB

```
Public Sub New
```

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**WebSphereMQTransportBindingElement Constructor (WebSphereMQTransportBindingElement)**  
Initializes a new instance of the [WebSphereMQTransportBindingElement](#) class using other objects.

Syntax  
C#

```
protected WebSphereMQTransportBindingElement(  
    WebSphereMQTransportBindingElement other  
)
```

C++

```
protected:  
WebSphereMQTransportBindingElement(  
    WebSphereMQTransportBindingElement^ other  
)
```

F#

```
new :  
    other:WebSphereMQTransportBindingElement -> WebSphereMQTransportBindingElement
```

VB

```
Protected Sub New (  
    other As WebSphereMQTransportBindingElement  
)
```

#### Parameters

*other*

Type: [System.ServiceModel.Channels.WebSphereMQ.WebSphereMQTransportBindingElement](#)

The other objects to be used.

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# WebSphereMQTransportBindingElement Constructor ()

Initializes a new instance of the [WebSphereMQTransportBindingElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQTransportBindingElement ()
```

C++

```
public:
WebSphereMQTransportBindingElement ()
```

J#

```
public WebSphereMQTransportBindingElement ()
```

JScript

```
public function WebSphereMQTransportBindingElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

Platforms

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement Constructor (WebSphereMQTransportBindingElement)

Initializes a new instance of the [WebSphereMQTransportBindingElement](#) class using other objects.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Sub New ( _
    other As WebSphereMQTransportBindingElement _
)
```

C#

```
protected WebSphereMQTransportBindingElement (
    WebSphereMQTransportBindingElement other
)
```

C++

```
protected:
WebSphereMQTransportBindingElement (
    WebSphereMQTransportBindingElement^ other
)
```

J#

```
protected WebSphereMQTransportBindingElement (
    WebSphereMQTransportBindingElement other
)
```

JScript

```
protected function WebSphereMQTransportBindingElement (
    other : WebSphereMQTransportBindingElement
)
```

## Parameters

other

The other objects to be used.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference













[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)




[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">BuildChannelFactory</a>	Overridden. Builds a channel stack consisting of a WebsphereMQ Transport used to send messages.
	<a href="#">BuildChannelListener</a>	Overridden. Builds a channel listener stack that consists of IBM WebsphereMQ transport used to receive messages.
	<a href="#">CanBuildChannelFactory</a>	Overridden. Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.
	<a href="#">CanBuildChannelListener</a>	Overridden. Returns a value that indicates whether the binding element can build a listener for a specific type of channel.
	<a href="#">Clone</a>	Overridden. Gets a copy of the specified <a href="#">WebSphereMQTransportBindingElement</a> object.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetProperty</a>	Overridden. Returns the type of object T requested if it is present or <b>null</b> if it is not present.
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.BuildChannelFactory Generic Method

Builds a channel stack consisting of a WebsphereMQ Transport used to send messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function BuildChannelFactory(Of TChannel) ( _
    context As BindingContext _
) As IChannelFactory(Of TChannel)
```

C#

```
public virtual IChannelFactory<TChannel> BuildChannelFactory<TChannel> (
    BindingContext context
)
```

C++

```
public:
generic<typename TChannel>
virtual IChannelFactory<TChannel>^ BuildChannelFactory (
    BindingContext^ context
)
```

J#

JScript

## GenericParameters

TChannel

The type of channel that factory builds.

## Parameters

context

Provides the context for the binding element.

## Return Value

A channel factory for producing channels of a specified type from the binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.BuildChannelListener Generic Method

Builds a channel listener stack that consists of IBM WebsphereMQ transport used to receive messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function BuildChannelListener(Of TChannel As IChannel) ( _
    context As BindingContext _
) As IChannelListener(Of TChannel)
```

C#

```
public virtual IChannelListener<TChannel> BuildChannelListener<TChannel> (
    BindingContext context
) where TChannel : IChannel
```

C++

```
public:
generic<typename TChannel> where TChannel : IChannel
virtual IChannelListener<TChannel>^ BuildChannelListener (
    BindingContext^ context
)
```

J#

JScript

## GenericParameters

TChannel

The type of channel that listener builds to accept.

## Parameters

context

Provides context for the binding element.

## Return Value

The initialized channel listener from the context.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.CanBuildChannelFactory Generic Method

Returns a value that indicates whether the binding element can build a channel factory for a specific type of channel.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CanBuildChannelFactory(Of TChannel) ( _
    context As BindingContext _
) As Boolean
```

C#

```
public override bool CanBuildChannelFactory<TChannel> (
    BindingContext context
)
```

C++

```
public:
generic<typename TChannel>
virtual bool CanBuildChannelFactory (
    BindingContext^ context
) override
```

J#

JScript

## GenericParameters

TChannel

The type of channel that channel factory produces.

## Parameters

context

Provides context for the binding element.

## Return Value

**True** if the binding element can build a channel factory for a specific type of channel; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.CanBuildChannelListener Generic Method

Returns a value that indicates whether the binding element can build a listener for a specific type of channel.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function CanBuildChannelListener(Of TChannel As IChannel) ( _
    context As BindingContext _
) As Boolean
```

C#

```
public override bool CanBuildChannelListener<TChannel> (
    BindingContext context
) where TChannel : IChannel
```

C++

```
public:
generic<typename TChannel> where TChannel : IChannel
virtual bool CanBuildChannelListener (
    BindingContext^ context
) override
```

J#

JScript

## GenericParameters

TChannel

The type of channel that listener accepts.

## Parameters

context

Provides the context for the binding element.

## Return Value

**True** if the binding element can build a listener for a specific type of channel; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.Clone Method

Gets a copy of the specified [WebSphereMQTransportBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Function Clone As BindingElement
```

C#

```
public override BindingElement Clone ()
```

C++

```
public:
virtual BindingElement^ Clone () override
```

J#

```
public BindingElement Clone ()
```

JScript

```
public override function Clone () : BindingElement
```

## Return Value

A copy of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.GetProperty Generic Method

Returns the type of object T requested if it is present or **null** if it is not present.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overridable Function GetProperty(Of T) ( _
    context As BindingContext _
) As T
```

C#

```
public virtual T GetProperty<T> (
    BindingContext context
)
```

C++

```
public:
generic<typename T>
virtual T GetProperty (
    BindingContext^ context
)
```

J#

JScript

## Generic Parameters

T

The typed object for which the method is querying.

## Parameters

context

The context for the binding element.

## Return Value

The typed of object T requested if it is present or **null** if it is not present.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement Properties

## Public Properties

	Name	Description
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the Cluster Queue Manager name.
	<a href="#">ConnectionType</a>	Gets the type of connection for the <a href="#">WebSphereMQTransportBindingElement</a> object.
	<a href="#">DeadLetterQueue</a>	Gets or sets the property of dead-letter queue to use.
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets a property that indicates whether the transport needs to leave the MQHeader s in the message after receiving the message.
	<a href="#">ManualAddressing</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MaxBufferPoolSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MaxReceivedMessageSize</a>	(inherited from <a href="#">TransportBindingElement</a> )
	<a href="#">MqcdChannelName</a>	Gets or sets a value for the Mqcd Channel Name.
	<a href="#">MqcdConnectionName</a>	Gets or sets the Mqcd connection name.
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the Mqcd HeartBeat Interval for the specified <b>WebSphereMQTransportBindingElement</b> object.
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the specified Mqcd maximum message length.
	<a href="#">MqcdPassword</a>	Gets or sets the password to use when authenticating the client.
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the cipher specification of the specified binding element.
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled.
	<a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets a value that indicates whether the MQSeries assembled the segmented messages.
	<a href="#">MqgmoConvert</a>	Gets or sets the MQGMO CONVERT option when performing the MQGET.
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportBindingElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval in retrieving messages from MQSeries Queue.
	<a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Application Name to be used.
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the responses to the queue.
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Message Queuing format name.
	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the class.
	<a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportBindingElement</b> class the default value is <b>null</b> .
	<a href="#">MqpmoSyncPoint</a>	Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled.
	<a href="#">MqscoSslKeyRepository</a>	Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO).
	<a href="#">Scheme</a>	Overridden. Gets the URI scheme for the transport.
	<a href="#">TICorrelationID</a>	Gets or sets the value of the TI Correlation ID used in this class.
	<a href="#">TransactedReceiveEnabled</a>	Gets a value that indicates whether the transaction is enabled for a receive operation.
	<a href="#">Transaction</a>	Gets or sets the local transaction used.
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a value that indicates whether the connection is persistent.

See Also

**Reference**

[WebSphereMQTransportBindingElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.ClusterQueueManagerName Property

Gets or sets the Cluster Queue Manager name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ClusterQueueManagerName As String
```

C#

```
public string ClusterQueueManagerName { get; set; }
```

C++

```
public:
property String^ ClusterQueueManagerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClusterQueueManagerName ()

/** @property */
public void set_ClusterQueueManagerName (String value)
```

JScript

```
public function get ClusterQueueManagerName () : String

public function set ClusterQueueManagerName (value : String)
```

## Property Value

A value of the Cluster Queue Manager name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.ConnectionType Property

Gets the type of connection for the [WebSphereMQTransportBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property ConnectionType As String
```

C#

```
public string ConnectionType { get; set; }
```

C++

```
public:
property String^ ConnectionType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ConnectionType ()

/** @property */
public void set_ConnectionType (String value)
```

JScript

```
public function get ConnectionType () : String

public function set ConnectionType (value : String)
```

## Property Value

The type of connection for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.DeadLetterQueue Property

Gets or sets the property of dead-letter queue to use.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property DeadLetterQueue As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> DeadLetterQueue { get; set; }
```

C++

```
public:
property Nullable<bool> DeadLetterQueue {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_DeadLetterQueue ()

/** @property */
public void set_DeadLetterQueue (Nullable<boolean> value)
```

JScript

```
public function get DeadLetterQueue () : Nullable<boolean>

public function set DeadLetterQueue (value : Nullable<boolean>)
```

## Property Value

An enumeration value that indicates the type of dead-letter queue to use.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.LeaveMQHeadersInMessage Property

Gets or sets a property that indicates whether the transport needs to leave the MQHeaders in the message after receiving the message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property LeaveMQHeadersInMessage As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> LeaveMQHeadersInMessage { get; set; }
```

C++

```
public:
property Nullable<bool> LeaveMQHeadersInMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_LeaveMQHeadersInMessage ()

/** @property */
public void set_LeaveMQHeadersInMessage (Nullable<boolean> value)
```

JScript

```
public function get LeaveMQHeadersInMessage () : Nullable<boolean>

public function set LeaveMQHeadersInMessage (value : Nullable<boolean>)
```

## Property Value

**True** if the transport needs to leave the MQHeaders in the message after receiving the message; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdChannelName Property

Gets or sets a value for the Mqcd Channel Name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdChannelName As String
```

C#

```
public string MqcdChannelName { get; set; }
```

C++

```
public:
property String^ MqcdChannelName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdChannelName ()

/** @property */
public void set_MqcdChannelName (String value)
```

JScript

```
public function get MqcdChannelName () : String

public function set MqcdChannelName (value : String)
```

## Property Value

A value for the Mqcd Channel Name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdConnectionName Property

Gets or sets the Mqcd connection name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdConnectionName As String
```

C#

```
public string MqcdConnectionName { get; set; }
```

C++

```
public:
property String^ MqcdConnectionName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdConnectionName ()

/** @property */
public void set_MqcdConnectionName (String value)
```

JScript

```
public function get MqcdConnectionName () : String

public function set MqcdConnectionName (value : String)
```

## Property Value

The Mqcd connection name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdHeartBeatInterval Property

Gets or sets the Mqcd HeartBeat Interval for the specified [WebSphereMQTransportBindingElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdHeartBeatInterval As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqcdHeartBeatInterval { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqcdHeartBeatInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdHeartBeatInterval ()

/** @property */
public void set_MqcdHeartBeatInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqcdHeartBeatInterval () : Nullable<uint>

public function set MqcdHeartBeatInterval (value : Nullable<uint>)
```

## Property Value

The Mqcd HeartBeat Interval.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdMaximumMessageLength Property

Gets or sets the specified Mqcd maximum message length.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdMaximumMessageLength As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqcdMaximumMessageLength { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqcdMaximumMessageLength {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdMaximumMessageLength ()

/** @property */
public void set_MqcdMaximumMessageLength (Nullable<UInt32> value)
```

JScript

```
public function get MqcdMaximumMessageLength () : Nullable<uint>

public function set MqcdMaximumMessageLength (value : Nullable<uint>)
```

## Property Value

The Mqcd maximum message length.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdPassword Property

Gets or sets the password to use when authenticating the client.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdPassword As SecureString
```

C#

```
public SecureString MqcdPassword { get; set; }
```

C++

```
public:
property SecureString^ MqcdPassword {
    SecureString^ get ();
    void set (SecureString^ value);
}
```

J#

```
/** @property */
public SecureString get_MqcdPassword ()

/** @property */
public void set_MqcdPassword (SecureString value)
```

JScript

```
public function get MqcdPassword () : SecureString

public function set MqcdPassword (value : SecureString)
```

## Property Value

The password to use when authenticating the client.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdSslCipherSpecification Property

Gets or sets the cipher specification of the specified binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslCipherSpecification As String
```

C#

```
public string MqcdSslCipherSpecification { get; set; }
```

C++

```
public:
property String^ MqcdSslCipherSpecification {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslCipherSpecification ()

/** @property */
public void set_MqcdSslCipherSpecification (String value)
```

JScript

```
public function get MqcdSslCipherSpecification () : String

public function set MqcdSslCipherSpecification (value : String)
```

## Property Value

The cipher specification of the specified binding element.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.MqcdSslClientAuthentication Property

Gets or sets a value that indicates whether the specified MqcdSsl client authentication is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslClientAuthentication As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqcdSslClientAuthentication { get; set; }
```

C++

```
public:
property Nullable<bool> MqcdSslClientAuthentication {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqcdSslClientAuthentication ()

/** @property */
public void set_MqcdSslClientAuthentication (Nullable<boolean> value)
```

JScript

```
public function get MqcdSslClientAuthentication () : Nullable<boolean>

public function set MqcdSslClientAuthentication (value : Nullable<boolean>)
```

## Property Value

**True** if enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdSslPeerName Property

Gets or sets the peer name for the [WebSphereMQTransportBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdSslPeerName As String
```

C#

```
public string MqcdSslPeerName { get; set; }
```

C++

```
public:
property String^ MqcdSslPeerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslPeerName ()

/** @property */
public void set_MqcdSslPeerName (String value)
```

JScript

```
public function get MqcdSslPeerName () : String

public function set MqcdSslPeerName (value : String)
```

## Property Value

A value for the peer name used in the class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdTransportType Property

Gets or sets the transport type for the [WebSphereMQTransportBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdTransportType As String
```

C#

```
public string MqcdTransportType { get; set; }
```

C++

```
public:
property String^ MqcdTransportType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdTransportType ()

/** @property */
public void set_MqcdTransportType (String value)
```

JScript

```
public function get MqcdTransportType () : String

public function set MqcdTransportType (value : String)
```

## Property Value

The transport type for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqcdUserIdentifier Property

Gets or sets the user identifier for the [WebSphereMQTransportBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqcdUserIdentifier As String
```

C#

```
public string MqcdUserIdentifier { get; set; }
```

C++

```
public:
property String^ MqcdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdUserIdentifier ()

/** @property */
public void set_MqcdUserIdentifier (String value)
```

JScript

```
public function get MqcdUserIdentifier () : String

public function set MqcdUserIdentifier (value : String)
```

## Property Value

The user identifier for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqgmoCompleteMessage Property

Gets or sets a value that indicates whether the MQSeries assembled the segmented messages.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoCompleteMessage As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoCompleteMessage { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoCompleteMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoCompleteMessage ()

/** @property */
public void set_MqgmoCompleteMessage (Nullable<boolean> value)
```

JScript

```
public function get MqgmoCompleteMessage () : Nullable<boolean>

public function set MqgmoCompleteMessage (value : Nullable<boolean>)
```

## Property Value

**True** if the MQSeries assembled the segment messages; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqgmoConvert Property

Gets or sets the MQGMO CONVERT option when performing the MQGET.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoConvert As String
```

C#

```
public string MqgmoConvert { get; set; }
```

C++

```
public:
property String^ MqgmoConvert {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqgmoConvert ()

/** @property */
public void set_MqgmoConvert (String value)
```

JScript

```
public function get MqgmoConvert () : String

public function set MqgmoConvert (value : String)
```

## Property Value

The value of the specified object to convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqgmoLogicalOrder Property

Gets or sets the logical order of the [WebSphereMQTransportBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoLogicalOrder { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoLogicalOrder ()

/** @property */
public void set_MqgmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqgmoLogicalOrder () : Nullable<boolean>

public function set MqgmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqgmoSyncPoint Property

Gets or sets the synchronization point of the [WebSphereMQTransportBindingElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoSyncPoint As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqgmoSyncPoint { get; set; }
```

C++

```
public:
property Nullable<bool> MqgmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoSyncPoint ()

/** @property */
public void set_MqgmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqgmoSyncPoint () : Nullable<boolean>

public function set MqgmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The synchronization point of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.MqgmoWaitInterval Property

Gets or sets the wait interval in retrieving messages from MQSeries Queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqgmoWaitInterval As Nullable(Of UInteger)
```

C#

```
public Nullable<uint> MqgmoWaitInterval { get; set; }
```

C++

```
public:
property Nullable<unsigned int> MqgmoWaitInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqgmoWaitInterval ()

/** @property */
public void set_MqgmoWaitInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqgmoWaitInterval () : Nullable<uint>

public function set MqgmoWaitInterval (value : Nullable<uint>)
```

## Property Value

The specified wait interval in retrieving messages.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdFormat Property

Gets or sets the specified format of the objects used in the class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdFormat As String
```

C#

```
public string MqmdFormat { get; set; }
```

C++

```
public:
property String^ MqmdFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdFormat ()

/** @property */
public void set_MqmdFormat (String value)
```

JScript

```
public function get MqmdFormat () : String

public function set MqmdFormat (value : String)
```

## Property Value

The format of the objects used in the class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdPutApplicationName Property

Gets or sets the Application Name to be used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdPutApplicationName As String
```

C#

```
public string MqmdPutApplicationName { get; set; }
```

C++

```
public:
property String^ MqmdPutApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdPutApplicationName ()

/** @property */
public void set_MqmdPutApplicationName (String value)
```

JScript

```
public function get MqmdPutApplicationName () : String

public function set MqmdPutApplicationName (value : String)
```

## Property Value

The name of the Application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdReplyToQueue Property

Gets or sets the responses to the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdReplyToQueue As String
```

C#

```
public string MqmdReplyToQueue { get; set; }
```

C++

```
public:
property String^ MqmdReplyToQueue {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueue ()

/** @property */
public void set_MqmdReplyToQueue (String value)
```

JScript

```
public function get MqmdReplyToQueue () : String

public function set MqmdReplyToQueue (value : String)
```

## Property Value

The response to the queue.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdReplyToQueueManager Property

Gets or sets a value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdReplyToQueueManager As String
```

C#

```
public string MqmdReplyToQueueManager { get; set; }
```

C++

```
public:
property String^ MqmdReplyToQueueManager {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueueManager ()

/** @property */
public void set_MqmdReplyToQueueManager (String value)
```

JScript

```
public function get MqmdReplyToQueueManager () : String

public function set MqmdReplyToQueueManager (value : String)
```

## Property Value

A value that indicates an object that interprets the ReplyToQueue as a Messaging Queuing format name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdSegmentationAllowed Property

Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdSegmentationAllowed As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqmdSegmentationAllowed { get; set; }
```

C++

```
public:
property Nullable<bool> MqmdSegmentationAllowed {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqmdSegmentationAllowed ()

/** @property */
public void set_MqmdSegmentationAllowed (Nullable<boolean> value)
```

JScript

```
public function get MqmdSegmentationAllowed () : Nullable<boolean>

public function set MqmdSegmentationAllowed (value : Nullable<boolean>)
```

## Property Value

**true** if the individual message exceeds the MQSeries queue maximum message length; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqmdUserIdentifier Property

Gets or sets the universal identifier found in the class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqmdUserIdentifier As String
```

C#

```
public string MqmdUserIdentifier { get; set; }
```

C++

```
public:
property String^ MqmdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdUserIdentifier ()

/** @property */
public void set_MqmdUserIdentifier (String value)
```

JScript

```
public function get MqmdUserIdentifier () : String

public function set MqmdUserIdentifier (value : String)
```

## Property Value

The value of the Universal Identifier.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqpmoLogicalOrder Property

Gets or sets the logical order for the [WebSphereMQTransportBindingElement](#) class the default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqpmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqpmoLogicalOrder { get; set; }
```

C++

```
public:
property Nullable<bool> MqpmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoLogicalOrder ()

/** @property */
public void set_MqpmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqpmoLogicalOrder () : Nullable<boolean>

public function set MqpmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportBindingElement.MqpmoSyncPoint Property

Gets or sets a value that indicates whether the Mqpmo Sync Point is enabled.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqpmoSyncPoint As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> MqpmoSyncPoint { get; set; }
```

C++

```
public:
property Nullable<bool> MqpmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoSyncPoint ()

/** @property */
public void set_MqpmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqpmoSyncPoint () : Nullable<boolean>

public function set MqpmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

**True** if the Sync Point is enabled; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.MqscoSslKeyRepository Property

Gets or sets the secured key repository value as a part of the Message Queuing System Overview (MQSO).

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property MqscoSslKeyRepository As String
```

C#

```
public string MqscoSslKeyRepository { get; set; }
```

C++

```
public:
property String^ MqscoSslKeyRepository {
String^ get ();
void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqscoSslKeyRepository ()

/** @property */
public void set_MqscoSslKeyRepository (String value)
```

JScript

```
public function get MqscoSslKeyRepository () : String

public function set MqscoSslKeyRepository (value : String)
```

## Property Value

The value of the key repository..

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.Scheme Property

Gets the URI scheme for the transport.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property Scheme As String
```

C#

```
public override string Scheme { get; }
```

C++

```
public:
virtual property String^ Scheme {
    String^ get () override;
}
```

J#

```
/** @property */
public String get_Scheme ()
```

JScript

```
public override function get Scheme () : String
```

## Property Value

The URI scheme for the transport.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.TICorrelationID Property

Gets or sets the value of the TI Correlation ID used in this class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property TICorrelationID As String
```

C#

```
public string TICorrelationID { get; set; }
```

C++

```
public:
property String^ TICorrelationID {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_TICorrelationID ()

/** @property */
public void set_TICorrelationID (String value)
```

JScript

```
public function get TICorrelationID () : String

public function set TICorrelationID (value : String)
```

## Property Value

The value of the TI Correlation ID.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.TransactedReceiveEnabled Property

Gets a value that indicates whether the transaction is enabled for a receive operation.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property TransactedReceiveEnabled As Boolean
```

C#

```
public bool TransactedReceiveEnabled { get; }
```

C++

```
public:
virtual property bool TransactedReceiveEnabled {
    bool get () sealed;
}
```

J#

```
/** @property */
public final boolean get_TransactedReceiveEnabled ()
```

JScript

```
public final function get TransactedReceiveEnabled () : boolean
```

## Property Value

**True** if the transaction is enabled for a receive operation; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.Transaction Property

Gets or sets the local transaction used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property Transaction As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> Transaction { get; set; }
```

C++

```
public:
property Nullable<bool> Transaction {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_Transaction ()

/** @property */
public void set_Transaction (Nullable<boolean> value)
```

JScript

```
public function get Transaction () : Nullable<boolean>

public function set Transaction (value : Nullable<boolean>)
```

## Property Value

The local transaction used.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportBindingElement.UsePersistentConnectionForSend Property

Gets or sets a value that indicates whether the connection is persistent.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UsePersistentConnectionForSend As Nullable(Of Boolean)
```

C#

```
public Nullable<bool> UsePersistentConnectionForSend { get; set; }
```

C++

```
public:
property Nullable<bool> UsePersistentConnectionForSend {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_UsePersistentConnectionForSend ()

/** @property */
public void set_UsePersistentConnectionForSend (Nullable<boolean> value)
```

JScript

```
public function get UsePersistentConnectionForSend () : Nullable<boolean>

public function set UsePersistentConnectionForSend (value : Nullable<boolean>)
```

## Property Value

**True** if the connection is persistent; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportBindingElement Class](#)

[WebSphereMQTransportBindingElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement Class

Represents the configuration element for WebsphereMQ transport binding element.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)  
**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy  
[System.Object](#)  
[System.Configuration.ConfigurationElement](#)  
[System.ServiceModel.Configuration.ServiceModelConfigurationElement](#)  
[System.ServiceModel.Configuration.ServiceModelExtensionElement](#)  
[System.ServiceModel.Configuration.BindingElementExtensionElement](#)  
**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQTransportElement**

Syntax  
C#

```
public class WebSphereMQTransportElement : BindingElementExtensionElement
```

C++

```
public ref class WebSphereMQTransportElement : BindingElementExtensionElement
```


F#

```
type WebSphereMQTransportElement =  
    class  
        inherit BindingElementExtensionElement  
    end
```



















VB

```
Public Class WebSphereMQTransportElement  
    Inherits BindingElementExtensionElement
```
































Constructors

Name	Description
 <a href="#">WebSphereMQTransportElement()</a>	Initializes a new instance of the <b>WebSphereMQTransportElement</b> class.







Properties


















Name	Description
 <a href="#">BindingElementType</a>	Gets the type of binding element for the specified <b>WebSphereMQTransportElement</b> object.(Overrides <a href="#">BindingElementExtensionElement.BindingElementType</a> .)
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the specified name for the Cluster Queue Manager.
 <a href="#">ConfigurationElementName</a>	(Inherited from <a href="#">ServiceModelExtensionElement</a> .)
 <a href="#">ConnectionType</a>	Gets the type of connection for the <b>WebSphereMQTransportElement</b> object. The default value is <b>null</b> .
 <a href="#">CurrentConfiguration</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is <b>null</b> .
 <a href="#">ElementInformation</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">ElementProperty</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">EvaluationContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">HasContext</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(ConfigurationProperty)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Item(String)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
 <a href="#">LockAllAttributesExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAllElementsExcept</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockAttributes</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockElements</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">LockItem</a>	(Inherited from <a href="#">ConfigurationElement</a> .)



 <a href="#">ManualAddressing</a>	Gets or sets a value that indicates whether manual addressing of the message is required.
 <a href="#">MaxBufferPoolSize</a>	Gets or sets the maximum size of any buffer pools used by the <b>WebSphereMQTransportElement</b> object. The default is <b>null</b> .
 <a href="#">MaxReceivedMessageSize</a>	Gets or sets the maximum allowable message size that can be received. The default is <b>null</b> .
 <a href="#">MoveMessageToBackoutQueue</a>	
 <a href="#">MqcdChannelName</a>	Gets or sets the name of the channel.
 <a href="#">MqcdConnectionName</a>	Gets or sets the specified name of the Connection.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum message length for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdPassword</a>	Gets or sets the Mqcd password for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Ssl Cipher specification required.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
 <a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
 <a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
 <a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
 <a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
 <a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.
 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> .
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the key repository in the class.
 <a href="#">Properties</a>	Gets the properties of the specified collection of objects.(Overrides <a href="#">ConfigurationElement.Properties</a> .)
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.

#### Methods

Name	Description
 <a href="#">ApplyConfiguration(BindingElement)</a>	Applies a configuration element from the specified binding element.(Overrides <a href="#">BindingElementExtensionElement.ApplyConfiguration(BindingElement)</a> .)
 <a href="#">CopyFrom(ServiceModelExtensionElement)</a>	Duplicates a specified property from the specified object.(Overrides <a href="#">ServiceModelExtensionElement.CopyFrom(ServiceModelExtensionElement)</a> .)
 <a href="#">CreateBindingElement()</a>	Creates a custom binding element object.(Overrides <a href="#">BindingElementExtensionElement.CreateBindingElement()</a> .)
 <a href="#">DeserializeElement(XmlReader, Boolean)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">ConfigurationElement</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)

 GetHashCode()	(Inherited from <a href="#">ConfigurationElement</a> .)
 GetTransformedAssemblyString(String)	(Inherited from <a href="#">ConfigurationElement</a> .)
 GetTransformedTypeString(String)	(Inherited from <a href="#">ConfigurationElement</a> .)
 GetType()	(Inherited from <a href="#">Object</a> .)
 Init()	(Inherited from <a href="#">ConfigurationElement</a> .)
 InitializeDefault()	(Inherited from <a href="#">ConfigurationElement</a> .)
 InitializeFrom(BindingElement)	Initializes a binding configuration with the content of the specified binding element.(Overrides <a href="#">BindingElementExtensionElement.InitializeFrom(BindingElement)</a> .)
 IsModified()	(Inherited from <a href="#">ServiceModelExtensionElement</a> .)
 IsReadOnly()	(Inherited from <a href="#">ConfigurationElement</a> .)
 ListErrors(IList)	(Inherited from <a href="#">ConfigurationElement</a> .)
 MemberwiseClone()	(Inherited from <a href="#">Object</a> .)
 OnDeserializeUnrecognizedAttribute(String, String)	(Inherited from <a href="#">ConfigurationElement</a> .)
 OnDeserializeUnrecognizedElement(String, XmlReader)	(Inherited from <a href="#">ConfigurationElement</a> .)
 OnRequiredPropertyNotFound(String)	(Inherited from <a href="#">ConfigurationElement</a> .)
 PostDeserialize()	(Inherited from <a href="#">ConfigurationElement</a> .)
 PreSerialize(XmlWriter)	(Inherited from <a href="#">ConfigurationElement</a> .)
 Reset(ConfigurationElement)	(Inherited from <a href="#">ServiceModelExtensionElement</a> .)
 ResetModified()	(Inherited from <a href="#">ConfigurationElement</a> .)
 SerializeElement(XmlWriter, Boolean)	(Inherited from <a href="#">ServiceModelExtensionElement</a> .)
 SerializeToXmlElement(XmlWriter, String)	(Inherited from <a href="#">ConfigurationElement</a> .)
 SetPropertyValues(ConfigurationProperty, Object, Boolean)	(Inherited from <a href="#">ConfigurationElement</a> .)
 SetPropertyValuesIfNotDefaultValues<T>(String, 'T)	(Inherited from <a href="#">ServiceModelConfigurationElement</a> .)
 SetReadOnly()	(Inherited from <a href="#">ConfigurationElement</a> .)
 ToString()	(Inherited from <a href="#">Object</a> .)
 Unmerge(ConfigurationElement, ConfigurationElement, ConfigurationSaveMode)	(Inherited from <a href="#">ConfigurationElement</a> .)

#### Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

#### See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

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# WebSphereMQTransportElement Members

Represents the configuration element for WebsphereMQ transport binding element.























The following tables list the members exposed by the [WebSphereMQTransportElement](#) type.











## Public Constructors

Name	Description
<a href="#">WebSphereMQTransportElement</a>	Initializes a new instance of the <a href="#">WebSphereMQTransportElement</a> class.

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Public Properties (see also [Protected Properties](#))

Name	Description
 <a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <b>WebSphereMQTransportElement</b> object.
 <a href="#">ClusterQueueManagerName</a>	Gets or sets the specified name for the Cluster Queue Manager.
 <a href="#">ConfigurationElementName</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">ConnectionType</a>	Gets the type of connection for the <b>WebSphereMQTransportElement</b> object. The default value is <b>null</b> .
 <a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is <b>null</b> .
 <a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
 <a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">ManualAddressing</a>	Gets or sets a value that indicates whether manual addressing of the message is required.
 <a href="#">MaxBufferPoolSize</a>	Gets or sets the maximum size of any buffer pools used by the <b>WebSphereMQTransportElement</b> object. The default is <b>null</b> .
 <a href="#">MaxReceivedMessageSize</a>	Gets or sets the maximum allowable message size that can be received. The default is <b>null</b> .
 <a href="#">MqcdChannelName</a>	Gets or sets the name of the channel.
 <a href="#">MqcdConnectionName</a>	Gets or sets the specified name of the Connection.
 <a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
 <a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum message length for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdPassword</a>	Gets or sets the Mqcd password for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Ssl Cipher specification required.
 <a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
 <a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
 <a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
 <a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
 <a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.

	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.
	<a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> .
	<a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqscoSslKeyRepository</a>	Gets or sets the key repository in the class.
	<a href="#">Transaction</a>	Gets or sets the local transaction used.
	<a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.










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#### Protected Properties

	Name	Description
	<a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Properties</a>	Overridden. Gets the properties of the specified collection of objects.



















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#### Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies a configuration element from the specified binding element.
	<a href="#">CopyFrom</a>	Overridden. Duplicates a specified property from the specified object.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

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#### Protected Methods

	Name	Description
	<a href="#">CreateBindingElement</a>	Overridden. Creates a custom binding element object.
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	Overridden. Initializes a binding configuration with the content of the specified binding element.
	<a href="#">IsModified</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )

 <a href="#">SerializeElement</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
 <a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

[Top](#)

See Also

**Reference**

[WebSphereMQTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement Constructor

Initializes a new instance of the [WebSphereMQTransportElement](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration  
Public Sub New
```

C#

```
public WebSphereMQTransportElement ()
```

C++

```
public:  
WebSphereMQTransportElement ()
```

J#

```
public WebSphereMQTransportElement ()
```

JScript

```
public function WebSphereMQTransportElement ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**










[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)
























[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">ApplyConfiguration</a>	Overridden. Applies a configuration element from the specified binding element.
	<a href="#">CopyFrom</a>	Overridden. Duplicates a specified property from the specified object.
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
	<a href="#">IsReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">CreateBindingElement</a>	Overridden. Creates a custom binding element object.
	<a href="#">DeserializeElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetTransformedAssemblyString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">GetTransformedTypeString</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Init</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeDefault</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">InitializeFrom</a>	Overridden. Initializes a binding configuration with the content of the specified binding element.
	<a href="#">IsModified</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ListErrors</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )
	<a href="#">OnDeserializeUnrecognizedAttribute</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnDeserializeUnrecognizedElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">OnRequiredPropertyNotFound</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PostDeserialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">PreSerialize</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Reset</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ResetModified</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SerializeElement</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">SerializeToXmlElement</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetPropertyValue</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">SetReadOnly</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">Unmerge</a>	(inherited from <a href="#">ConfigurationElement</a> )

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.ApplyConfiguration Method

Applies a configuration element from the specified binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub ApplyConfiguration ( _
    bindingElement As BindingElement _
)
```

C#

```
public override void ApplyConfiguration (
    BindingElement bindingElement
)
```

C++

```
public:
virtual void ApplyConfiguration (
    BindingElement^ bindingElement
) override
```

J#

```
public void ApplyConfiguration (
    BindingElement bindingElement
)
```

JScript

```
public override function ApplyConfiguration (
    bindingElement : BindingElement
)
```

## Parameters

bindingElement

The specified binding element.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportElement.CopyFrom Method

Duplicates a specified property from the specified object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides Sub CopyFrom ( _
    from As ServiceModelExtensionElement _
)
```

C#

```
public override void CopyFrom (
    ServiceModelExtensionElement from
)
```

C++

```
public:
virtual void CopyFrom (
    ServiceModelExtensionElement^ from
) override
```

J#

```
public void CopyFrom (
    ServiceModelExtensionElement from
)
```

JScript

```
public override function CopyFrom (
    from : ServiceModelExtensionElement
)
```

## Parameters

from

The specified object that contains the properties to duplicate.

**Thread Safety** Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.CreateBindingElement Method

Creates a custom binding element object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Function CreateBindingElement As BindingElement
```

C#

```
protected override BindingElement CreateBindingElement ()
```

C++

```
protected:
virtual BindingElement^ CreateBindingElement () override
```

J#

```
protected BindingElement CreateBindingElement ()
```

JScript

```
protected override function CreateBindingElement () : BindingElement
```

## Return Value

A custom binding element object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.InitializeFrom Method

Initializes a binding configuration with the content of the specified binding element.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides Sub InitializeFrom ( _
    bindingElement As BindingElement _
)
```

C#

```
protected override void InitializeFrom (
    BindingElement bindingElement
)
```

C++

```
protected:
virtual void InitializeFrom (
    BindingElement^ bindingElement
) override
```

J#

```
protected void InitializeFrom (
    BindingElement bindingElement
)
```

JScript

```
protected override function InitializeFrom (
    bindingElement : BindingElement
)
```

## Parameters

bindingElement

A binding element of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

**Platforms**

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference



[WebSphereMQTransportElement Class](#)






[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)





# WebSphereMQTransportElement Properties

Public Properties (see also [Protected Properties](#))

	Name	Description
	<a href="#">BindingElementType</a>	Overridden. Gets the type of binding element for the specified <a href="#">WebSphereMQTransportElement</a> object.
	<a href="#">ClusterQueueManagerName</a>	Gets or sets the specified name for the Cluster Queue Manager.
	<a href="#">ConfigurationElementName</a>	(inherited from <a href="#">ServiceModelExtensionElement</a> )
	<a href="#">ConnectionType</a>	Gets the type of connection for the <b>WebSphereMQTransportElement</b> object. The default value is <b>null</b> .
	<a href="#">CurrentConfiguration</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">DeadLetterQueue</a>	Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is <b>null</b> .
	<a href="#">ElementInformation</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LeaveMQHeadersInMessage</a>	Gets or sets the header message.
	<a href="#">LockAllAttributesExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockAllElementsExcept</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockAttributes</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockElements</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">LockItem</a>	(inherited from <a href="#">ConfigurationElement</a> )
	<a href="#">ManualAddressing</a>	Gets or sets a value that indicates whether manual addressing of the message is required.
	<a href="#">MaxBufferPoolSize</a>	Gets or sets the maximum size of any buffer pools used by the <b>WebSphereMQTransportElement</b> object. The default is <b>null</b> .
	<a href="#">MaxReceivedMessageSize</a>	Gets or sets the maximum allowable message size that can be received. The default is <b>null</b> .
	<a href="#">MqcdChannelName</a>	Gets or sets the name of the channel.
	<a href="#">MqcdConnectionName</a>	Gets or sets the specified name of the Connection.
	<a href="#">MqcdHeartBeatInterval</a>	Gets or sets the interval used by the application domain.
	<a href="#">MqcdMaximumMessageLength</a>	Gets or sets the maximum message length for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdPassword</a>	Gets or sets the Mqcd password for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdSslCipherSpecification</a>	Gets or sets the Ssl Cipher specification required.
	<a href="#">MqcdSslClientAuthentication</a>	Gets or sets the required client authentication.
	<a href="#">MqcdSslPeerName</a>	Gets or sets the peer name for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdTransportType</a>	Gets or sets the transport type for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqcdUserIdentifier</a>	Gets or sets the user identifier for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoCompleteMessage</a>	Gets or sets the complete message.
	<a href="#">MqgmoConvert</a>	Gets or sets the specified object to convert.
	<a href="#">MqgmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
	<a href="#">MqgmoWaitInterval</a>	Gets or sets the wait interval before getting the message.
	<a href="#">MqmdFormat</a>	Gets or sets the specified format of the objects used in the class.
	<a href="#">MqmdPutApplicationName</a>	Gets or sets the Application name to put in the Mqmd.
	<a href="#">MqmdReplyToQueue</a>	Gets or sets the responses that will be delivered to the queue.
	<a href="#">MqmdReplyToQueueManager</a>	Gets or sets the responses that will be delivered to the queue manager.
	<a href="#">MqmdSegmentationAllowed</a>	Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.
	<a href="#">MqmdUserIdentifier</a>	Gets or sets the universal identifier found in the Mqmd.

 <a href="#">MqpmoLogicalOrder</a>	Gets or sets the logical order for the <b>WebSphereMQTransportElement</b> class. The default is <b>null</b> .
 <a href="#">MqpmoSyncPoint</a>	Gets or sets the synchronization point of the <b>WebSphereMQTransportElement</b> class. The default value is <b>null</b> .
 <a href="#">MqscoSslKeyRepository</a>	Gets or sets the key repository in the class.
 <a href="#">Transaction</a>	Gets or sets the local transaction used.
 <a href="#">UsePersistentConnectionForSend</a>	Gets or sets a queue to send using the persistent connection.

#### Protected Properties

Name	Description
 <a href="#">ElementProperty</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">EvaluationContext</a>	(inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Item</a>	Overloaded. (inherited from <a href="#">ConfigurationElement</a> )
 <a href="#">Properties</a>	Overridden. Gets the properties of the specified collection of objects.

See Also

#### Reference

[WebSphereMQTransportElement Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.BindingElementType Property

Gets the type of binding element for the specified [WebSphereMQTransportElement](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Overrides ReadOnly Property BindingElementType As Type
```

C#

```
public override Type BindingElementType { get; }
```

C++

```
public:
virtual property Type^ BindingElementType {
    Type^ get () override;
}
```

J#

```
/** @property */
public Type get_BindingElementType ()
```

JScript

```
public override function get BindingElementType () : Type
```

## Property Value

The type of binding element for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.ClusterQueueManagerName Property

Gets or sets the specified name for the Cluster Queue Manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("clusterQueueManagerName", DefaultValue:=Nothing)> _
Public Property ClusterQueueManagerName As String
```

C#

```
[ConfigurationPropertyAttribute("clusterQueueManagerName", DefaultValue=null)]
public string ClusterQueueManagerName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"clusterQueueManagerName", DefaultValue=nullptr)]
public:
property String^ ClusterQueueManagerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ClusterQueueManagerName ()

/** @property */
public void set_ClusterQueueManagerName (String value)
```

JScript

```
public function get ClusterQueueManagerName () : String

public function set ClusterQueueManagerName (value : String)
```

## Property Value

The name of the Cluster Queue Manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.ConnectionType Property

Gets the type of connection for the [WebSphereMQTransportElement](#) object. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("connectionType", DefaultValue:=Nothing)> _
Public Property ConnectionType As String
```

C#

```
[ConfigurationPropertyAttribute("connectionType", DefaultValue=null)]
public string ConnectionType { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"connectionType", DefaultValue=nullptr)]
public:
property String^ ConnectionType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_ConnectionType ()

/** @property */
public void set_ConnectionType (String value)
```

JScript

```
public function get ConnectionType () : String

public function set ConnectionType (value : String)
```

## Property Value

The type of connection for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportElement.DeadLetterQueue Property

Gets or sets an enumeration value that indicates the type of dead-letter queue to use. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("deadLetterQueue", DefaultValue:=Nothing)> _
Public Property DeadLetterQueue As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("deadLetterQueue", DefaultValue=null)]
public Nullable<bool> DeadLetterQueue { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"deadLetterQueue", DefaultValue=nullptr)]
public:
property Nullable<bool> DeadLetterQueue {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_DeadLetterQueue ()

/** @property */
public void set_DeadLetterQueue (Nullable<boolean> value)
```

JScript

```
public function get DeadLetterQueue () : Nullable<boolean>

public function set DeadLetterQueue (value : Nullable<boolean>)
```

## Property Value

An enumeration value that indicates the type of dead letter queue to use.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.LeaveMQHeadersInMessage Property

Gets or sets the header message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("leaveMQHeadersInMessage", DefaultValue:=Nothing)> _
Public Property LeaveMQHeadersInMessage As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("leaveMQHeadersInMessage", DefaultValue=null)]
public Nullable<bool> LeaveMQHeadersInMessage { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"leaveMQHeadersInMessage", DefaultValue=nullptr)]
public:
property Nullable<bool> LeaveMQHeadersInMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_LeaveMQHeadersInMessage ()

/** @property */
public void set_LeaveMQHeadersInMessage (Nullable<boolean> value)
```

JScript

```
public function get LeaveMQHeadersInMessage () : Nullable<boolean>

public function set LeaveMQHeadersInMessage (value : Nullable<boolean>)
```

## Property Value

The header message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.ManualAddressing Property

Gets or sets a value that indicates whether manual addressing of the message is required.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("manualAddressing", DefaultValue:=Nothing)> _
Public Property ManualAddressing As Boolean
```

C#

```
[ConfigurationPropertyAttribute("manualAddressing", DefaultValue=null)]
public bool ManualAddressing { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"manualAddressing", DefaultValue=nullptr)]
public:
property bool ManualAddressing {
    bool get ();
    void set (bool value);
}
```

J#

```
/** @property */
public boolean get_ManualAddressing ()

/** @property */
public void set_ManualAddressing (boolean value)
```

JScript

```
public function get ManualAddressing () : boolean

public function set ManualAddressing (value : boolean)
```

## Property Value

**True** if manual addressing of the message is required; otherwise, **false**. The default is **null**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MaxBufferPoolSize Property

Gets or sets the maximum size of any buffer pools used by the [WebSphereMQTransportElement](#) object. The default is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("maxBufferPoolSize", DefaultValue:=Nothing)> _
Public Property MaxBufferPoolSize As Long
```

C#

```
[ConfigurationPropertyAttribute("maxBufferPoolSize", DefaultValue=null)]
public long MaxBufferPoolSize { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"maxBufferPoolSize", DefaultValue=nullptr)]
public:
property long long MaxBufferPoolSize {
    long long get ();
    void set (long long value);
}
```

J#

```
/** @property */
public long get_MaxBufferPoolSize ()

/** @property */
public void set_MaxBufferPoolSize (long value)
```

JScript

```
public function get MaxBufferPoolSize () : long

public function set MaxBufferPoolSize (value : long)
```

## Property Value

The maximum size of the buffer pool.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MaxReceivedMessageSize Property

Gets or sets the maximum allowable message size that can be received. The default is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("maxReceivedMessageSize", DefaultValue:=Nothing)> _
Public Property MaxReceivedMessageSize As Long
```

C#

```
[ConfigurationPropertyAttribute("maxReceivedMessageSize", DefaultValue=null)]
public long MaxReceivedMessageSize { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"maxReceivedMessageSize", DefaultValue=nullptr)]
public:
property long long MaxReceivedMessageSize {
    long long get ();
    void set (long long value);
}
```

J#

```
/** @property */
public long get_MaxReceivedMessageSize ()

/** @property */
public void set_MaxReceivedMessageSize (long value)
```

JScript

```
public function get MaxReceivedMessageSize () : long

public function set MaxReceivedMessageSize (value : long)
```

## Property Value

The maximum allowable message size that can be received.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdChannelName Property

Gets or sets the name of the channel.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdChannelName", DefaultValue:=Nothing)> _
Public Property MqcdChannelName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdChannelName", DefaultValue=null)]
public string MqcdChannelName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdChannelName", DefaultValue=nullptr)]
public:
property String^ MqcdChannelName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdChannelName ()

/** @property */
public void set_MqcdChannelName (String value)
```

JScript

```
public function get MqcdChannelName () : String

public function set MqcdChannelName (value : String)
```

## Property Value

The name of the channel.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdConnectionName Property

Gets or sets the specified name of the Connection.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdConnectionName", DefaultValue:=Nothing)> _
Public Property MqcdConnectionName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdConnectionName", DefaultValue=null)]
public string MqcdConnectionName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdConnectionName", DefaultValue=nullptr)]
public:
property String^ MqcdConnectionName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdConnectionName ()

/** @property */
public void set_MqcdConnectionName (String value)
```

JScript

```
public function get MqcdConnectionName () : String

public function set MqcdConnectionName (value : String)
```

## Property Value

A value for the name of the Connection.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdHeartBeatInterval Property

Gets or sets the interval used by the application domain.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdHeartBeatInterval", DefaultValue:=Nothing)> _
Public Property MqcdHeartBeatInterval As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqcdHeartBeatInterval", DefaultValue=null)]
public Nullable<uint> MqcdHeartBeatInterval { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdHeartBeatInterval", DefaultValue=nullptr)]
public:
property Nullable<unsigned int> MqcdHeartBeatInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdHeartBeatInterval ()

/** @property */
public void set_MqcdHeartBeatInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqcdHeartBeatInterval () : Nullable<uint>

public function set MqcdHeartBeatInterval (value : Nullable<uint>)
```

## Property Value

The interval used by the application domain.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportElement.MqcdMaximumMessageLength Property

Gets or sets the maximum message length for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdMaximumMessageLength", DefaultValue:=Nothing)> _
Public Property MqcdMaximumMessageLength As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqcdMaximumMessageLength", DefaultValue=null)]
public Nullable<uint> MqcdMaximumMessageLength { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdMaximumMessageLength", DefaultValue=nullptr)]
public:
property Nullable<unsigned int> MqcdMaximumMessageLength {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqcdMaximumMessageLength ()

/** @property */
public void set_MqcdMaximumMessageLength (Nullable<UInt32> value)
```

JScript

```
public function get MqcdMaximumMessageLength () : Nullable<uint>

public function set MqcdMaximumMessageLength (value : Nullable<uint>)
```

## Property Value

The maximum message length for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdPassword Property

Gets or sets the Mqcd password for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdPassword", DefaultValue:=Nothing)> _
Public Property MqcdPassword As SecureString
```

C#

```
[ConfigurationPropertyAttribute("mqcdPassword", DefaultValue=null)]
public SecureString MqcdPassword { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdPassword", DefaultValue=nullptr)]
public:
property SecureString^ MqcdPassword {
    SecureString^ get ();
    void set (SecureString^ value);
}
```

J#

```
/** @property */
public SecureString get_MqcdPassword ()

/** @property */
public void set_MqcdPassword (SecureString value)
```

JScript

```
public function get MqcdPassword () : SecureString

public function set MqcdPassword (value : SecureString)
```

## Property Value

The Mqcd password for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdSslCipherSpecification Property

Gets or sets the Ssl Cipher specification required.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslCipherSpecification", DefaultValue:=Nothing)> _
Public Property MqcdSslCipherSpecification As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslCipherSpecification", DefaultValue=null)]
public string MqcdSslCipherSpecification { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslCipherSpecification", DefaultValue=nullptr)]
public:
property String^ MqcdSslCipherSpecification {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslCipherSpecification ()

/** @property */
public void set_MqcdSslCipherSpecification (String value)
```

JScript

```
public function get MqcdSslCipherSpecification () : String

public function set MqcdSslCipherSpecification (value : String)
```

## Property Value

A value for the Ssl Cipher specification.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdSslClientAuthentication Property

Gets or sets the required client authentication.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslClientAuthentication", DefaultValue:=Nothing)> _
Public Property MqcdSslClientAuthentication As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslClientAuthentication", DefaultValue=null)]
public Nullable<bool> MqcdSslClientAuthentication { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslClientAuthentication", DefaultValue=nullptr)]
public:
property Nullable<bool> MqcdSslClientAuthentication {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqcdSslClientAuthentication ()

/** @property */
public void set_MqcdSslClientAuthentication (Nullable<boolean> value)
```

JScript

```
public function get MqcdSslClientAuthentication () : Nullable<boolean>

public function set MqcdSslClientAuthentication (value : Nullable<boolean>)
```

## Property Value

The required client authentication.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdSslPeerName Property

Gets or sets the peer name for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdSslPeerName", DefaultValue:=Nothing)> _
Public Property MqcdSslPeerName As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdSslPeerName", DefaultValue=null)]
public string MqcdSslPeerName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdSslPeerName", DefaultValue=nullptr)]
public:
property String^ MqcdSslPeerName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdSslPeerName ()

/** @property */
public void set_MqcdSslPeerName (String value)
```

JScript

```
public function get MqcdSslPeerName () : String

public function set MqcdSslPeerName (value : String)
```

## Property Value

A value for the peer name used in the class.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdTransportType Property

Gets or sets the transport type for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdTransportType", DefaultValue:=Nothing)> _
Public Property MqcdTransportType As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdTransportType", DefaultValue=null)]
public string MqcdTransportType { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdTransportType", DefaultValue=nullptr)]
public:
property String^ MqcdTransportType {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdTransportType ()

/** @property */
public void set_MqcdTransportType (String value)
```

JScript

```
public function get MqcdTransportType () : String

public function set MqcdTransportType (value : String)
```

## Property Value

The transport type for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqcdUserIdentifier Property

Gets or sets the user identifier for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqcdUserIdentifier", DefaultValue:=Nothing)> _
Public Property MqcdUserIdentifier As String
```

C#

```
[ConfigurationPropertyAttribute("mqcdUserIdentifier", DefaultValue=null)]
public string MqcdUserIdentifier { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqcdUserIdentifier", DefaultValue=nullptr)]
public:
property String^ MqcdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqcdUserIdentifier ()

/** @property */
public void set_MqcdUserIdentifier (String value)
```

JScript

```
public function get MqcdUserIdentifier () : String

public function set MqcdUserIdentifier (value : String)
```

## Property Value

The user identifier for the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqgmoCompleteMessage Property

Gets or sets the complete message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoCompleteMessage", DefaultValue:=Nothing)> _
Public Property MqgmoCompleteMessage As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoCompleteMessage", DefaultValue=null)]
public Nullable<bool> MqgmoCompleteMessage { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoCompleteMessage", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoCompleteMessage {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoCompleteMessage ()

/** @property */
public void set_MqgmoCompleteMessage (Nullable<boolean> value)
```

JScript

```
public function get MqgmoCompleteMessage () : Nullable<boolean>

public function set MqgmoCompleteMessage (value : Nullable<boolean>)
```

## Property Value

The complete message.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportElement.MqgmoConvert Property

Gets or sets the specified object to convert.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoConvert", DefaultValue:=Nothing)> _
Public Property MqgmoConvert As String
```

C#

```
[ConfigurationPropertyAttribute("mqgmoConvert", DefaultValue=null)]
public string MqgmoConvert { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoConvert", DefaultValue=nullptr)]
public:
property String^ MqgmoConvert {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqgmoConvert ()

/** @property */
public void set_MqgmoConvert (String value)
```

JScript

```
public function get MqgmoConvert () : String

public function set MqgmoConvert (value : String)
```

## Property Value

The specified object to convert.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqgmoLogicalOrder Property

Gets or sets the logical order for the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoLogicalOrder", DefaultValue:=Nothing)> _
Public Property MqgmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoLogicalOrder", DefaultValue=null)]
public Nullable<bool> MqgmoLogicalOrder { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoLogicalOrder", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoLogicalOrder ()

/** @property */
public void set_MqgmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqgmoLogicalOrder () : Nullable<boolean>

public function set MqgmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqgmoSyncPoint Property

Gets or sets the synchronization point of the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoSyncPoint", DefaultValue:=Nothing)> _
Public Property MqgmoSyncPoint As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoSyncPoint", DefaultValue=null)]
public Nullable<bool> MqgmoSyncPoint { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoSyncPoint", DefaultValue=nullptr)]
public:
property Nullable<bool> MqgmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqgmoSyncPoint ()

/** @property */
public void set_MqgmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqgmoSyncPoint () : Nullable<boolean>

public function set MqgmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The synchronization point of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqgmoWaitInterval Property

Gets or sets the wait interval before getting the message.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqgmoWaitInterval", DefaultValue:=Nothing)> _
Public Property MqgmoWaitInterval As Nullable(Of UInteger)
```

C#

```
[ConfigurationPropertyAttribute("mqgmoWaitInterval", DefaultValue=null)]
public Nullable<uint> MqgmoWaitInterval { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqgmoWaitInterval", DefaultValue=nullptr)]
public:
property Nullable<unsigned int> MqgmoWaitInterval {
    Nullable<unsigned int> get ();
    void set (Nullable<unsigned int> value);
}
```

J#

```
/** @property */
public Nullable<UInt32> get_MqgmoWaitInterval ()

/** @property */
public void set_MqgmoWaitInterval (Nullable<UInt32> value)
```

JScript

```
public function get MqgmoWaitInterval () : Nullable<uint>

public function set MqgmoWaitInterval (value : Nullable<uint>)
```

## Property Value

The wait interval before getting the message.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqmdFormat Property

Gets or sets the specified format of the objects used in the class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdFormat", DefaultValue:=Nothing)> _
Public Property MqmdFormat As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdFormat", DefaultValue=null)]
public string MqmdFormat { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdFormat", DefaultValue=nullptr)]
public:
property String^ MqmdFormat {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdFormat ()

/** @property */
public void set_MqmdFormat (String value)
```

JScript

```
public function get MqmdFormat () : String

public function set MqmdFormat (value : String)
```

## Property Value

The format of the objects used in the class.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqmdPutApplicationName Property

Gets or sets the Application name to put in the Mqmd.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdPutApplicationName", DefaultValue:=Nothing)> _
Public Property MqmdPutApplicationName As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdPutApplicationName", DefaultValue=null)]
public string MqmdPutApplicationName { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdPutApplicationName", DefaultValue=nullptr)]
public:
property String^ MqmdPutApplicationName {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdPutApplicationName ()

/** @property */
public void set_MqmdPutApplicationName (String value)
```

JScript

```
public function get MqmdPutApplicationName () : String

public function set MqmdPutApplicationName (value : String)
```

## Property Value

The name of the Application.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqmdReplyToQueue Property

Gets or sets the responses that will be delivered to the queue.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdReplyToQueue", DefaultValue:=Nothing)> _
Public Property MqmdReplyToQueue As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdReplyToQueue", DefaultValue=null)]
public string MqmdReplyToQueue { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdReplyToQueue", DefaultValue=nullptr)]
public:
property String^ MqmdReplyToQueue {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueue ()

/** @property */
public void set_MqmdReplyToQueue (String value)
```

JScript

```
public function get MqmdReplyToQueue () : String

public function set MqmdReplyToQueue (value : String)
```

## Property Value

The responses that will be delivered to the queue.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqmdReplyToQueueManager Property

Gets or sets the responses that will be delivered to the queue manager.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdReplyToQueueManager", DefaultValue:=Nothing)> _
Public Property MqmdReplyToQueueManager As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdReplyToQueueManager", DefaultValue=null)]
public string MqmdReplyToQueueManager { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdReplyToQueueManager", DefaultValue=nullptr)]
public:
property String^ MqmdReplyToQueueManager {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdReplyToQueueManager ()

/** @property */
public void set_MqmdReplyToQueueManager (String value)
```

JScript

```
public function get MqmdReplyToQueueManager () : String

public function set MqmdReplyToQueueManager (value : String)
```

## Property Value

The responses that will be delivered to the queue manager.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQTransportElement.MqmdSegmentationAllowed Property

Gets or sets a value that indicates whether to use MQSeries Queue Manager Segmentation if an individual message exceeds the MQSeries queue maximum message length.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdSegmentationAllowed", DefaultValue:=Nothing)> _
Public Property MqmdSegmentationAllowed As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqmdSegmentationAllowed", DefaultValue=null)]
public Nullable<bool> MqmdSegmentationAllowed { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdSegmentationAllowed", DefaultValue=nullptr)]
public:
property Nullable<bool> MqmdSegmentationAllowed {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqmdSegmentationAllowed ()

/** @property */
public void set_MqmdSegmentationAllowed (Nullable<boolean> value)
```

JScript

```
public function get MqmdSegmentationAllowed () : Nullable<boolean>

public function set MqmdSegmentationAllowed (value : Nullable<boolean>)
```

## Property Value

**true** if the individual message exceeds the MQSeries queue maximum message length; otherwise, **false**.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqmdUserIdentifier Property

Gets or sets the universal identifier found in the Mqmd.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqmdUserIdentifier", DefaultValue:=Nothing)> _
Public Property MqmdUserIdentifier As String
```

C#

```
[ConfigurationPropertyAttribute("mqmdUserIdentifier", DefaultValue=null)]
public string MqmdUserIdentifier { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqmdUserIdentifier", DefaultValue=nullptr)]
public:
property String^ MqmdUserIdentifier {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqmdUserIdentifier ()

/** @property */
public void set_MqmdUserIdentifier (String value)
```

JScript

```
public function get MqmdUserIdentifier () : String

public function set MqmdUserIdentifier (value : String)
```

## Property Value

The value of the Universal Identifier.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqpmoLogicalOrder Property

Gets or sets the logical order for the [WebSphereMQTransportElement](#) class. The default is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqpmoLogicalOrder", DefaultValue:=Nothing)> _
Public Property MqpmoLogicalOrder As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqpmoLogicalOrder", DefaultValue=null)]
public Nullable<bool> MqpmoLogicalOrder { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqpmoLogicalOrder", DefaultValue=nullptr)]
public:
property Nullable<bool> MqpmoLogicalOrder {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoLogicalOrder ()

/** @property */
public void set_MqpmoLogicalOrder (Nullable<boolean> value)
```

JScript

```
public function get MqpmoLogicalOrder () : Nullable<boolean>

public function set MqpmoLogicalOrder (value : Nullable<boolean>)
```

## Property Value

The logical order for the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqpmoSyncPoint Property

Gets or sets the synchronization point of the [WebSphereMQTransportElement](#) class. The default value is **null**.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqpmoSyncPoint", DefaultValue:=Nothing)> _
Public Property MqpmoSyncPoint As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("mqpmoSyncPoint", DefaultValue=null)]
public Nullable<bool> MqpmoSyncPoint { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqpmoSyncPoint", DefaultValue=nullptr)]
public:
property Nullable<bool> MqpmoSyncPoint {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_MqpmoSyncPoint ()

/** @property */
public void set_MqpmoSyncPoint (Nullable<boolean> value)
```

JScript

```
public function get MqpmoSyncPoint () : Nullable<boolean>

public function set MqpmoSyncPoint (value : Nullable<boolean>)
```

## Property Value

The synchronization point of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.MqscoSslKeyRepository Property

Gets or sets the key repository in the class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("mqscoSslKeyRepository", DefaultValue:=Nothing)> _
Public Property MqscoSslKeyRepository As String
```

C#

```
[ConfigurationPropertyAttribute("mqscoSslKeyRepository", DefaultValue=null)]
public string MqscoSslKeyRepository { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"mqscoSslKeyRepository", DefaultValue=nullptr)]
public:
property String^ MqscoSslKeyRepository {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get_MqscoSslKeyRepository ()

/** @property */
public void set_MqscoSslKeyRepository (String value)
```

JScript

```
public function get MqscoSslKeyRepository () : String

public function set MqscoSslKeyRepository (value : String)
```

## Property Value

The value of the key repository.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.Properties Property

Gets the properties of the specified collection of objects.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Protected Overrides ReadOnly Property Properties As ConfigurationPropertyCollection
```

C#

```
protected override ConfigurationPropertyCollection Properties { get; }
```

C++

```
protected:
virtual property ConfigurationPropertyCollection^ Properties {
    ConfigurationPropertyCollection^ get () override;
}
```

J#

```
/** @property */
protected ConfigurationPropertyCollection get_Properties ()
```

JScript

```
protected override function get Properties () : ConfigurationPropertyCollection
```

## Property Value

A PropertyCollection object that contains the properties that are set on this entry.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.Transaction Property

Gets or sets the local transaction used.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("transaction", DefaultValue:=Nothing)> _
Public Property Transaction As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("transaction", DefaultValue=null)]
public Nullable<bool> Transaction { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"transaction", DefaultValue=nullptr)]
public:
property Nullable<bool> Transaction {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_Transaction ()

/** @property */
public void set_Transaction (Nullable<boolean> value)
```

JScript

```
public function get Transaction () : Nullable<boolean>

public function set Transaction (value : Nullable<boolean>)
```

## Property Value

The local transaction used.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQTransportElement.UsePersistentConnectionForSend Property

Gets or sets a queue to send using the persistent connection.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
<ConfigurationPropertyAttribute("usePersistentConnectionForSend", DefaultValue:=Nothing)> _
Public Property UsePersistentConnectionForSend As Nullable(Of Boolean)
```

C#

```
[ConfigurationPropertyAttribute("usePersistentConnectionForSend", DefaultValue=null)]
public Nullable<bool> UsePersistentConnectionForSend { get; set; }
```

C++

```
[ConfigurationPropertyAttribute(L"usePersistentConnectionForSend", DefaultValue=nullptr)]
public:
property Nullable<bool> UsePersistentConnectionForSend {
    Nullable<bool> get ();
    void set (Nullable<bool> value);
}
```

J#

```
/** @property */
public Nullable<boolean> get_UsePersistentConnectionForSend ()

/** @property */
public void set_UsePersistentConnectionForSend (Nullable<boolean> value)
```

JSript

```
public function get UsePersistentConnectionForSend () : Nullable<boolean>

public function set UsePersistentConnectionForSend (value : Nullable<boolean>)
```

## Property Value

The persistent connection to be used.

Thread Safety Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQTransportElement Class](#)

[WebSphereMQTransportElement Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQUri Class

Provides an object representation of a uniform resource identifier (URI) and easy access to the parts of the URI.

**Namespace:** [System.ServiceModel.Channels.WebSphereMQ](#)

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in System.ServiceModel.Channels.WebSphereMQ.Channel.dll)

Inheritance Hierarchy [System.Object](#)

**System.ServiceModel.Channels.WebSphereMQ.WebSphereMQUri**

Syntax

C#

```
public class WebSphereMQUri
```

C++

```
public ref class WebSphereMQUri
```


F#

```
type WebSphereMQUri = class end
```






VB

```
Public Class WebSphereMQUri
```







Constructors

Name	Description
 <a href="#">WebSphereMQUri()</a>	Initializes a new instance of the <b>WebSphereMQUri</b> class.

Properties

Name	Description
 <a href="#">ClusterQueueManagerName</a>	Gets the cluster queue manager name for the specified URI.
 <a href="#">ConnectionName</a>	Gets the name of the connection of a <b>WebSphereMQUri</b> object.
 <a href="#">QueueManagerName</a>	Gets the name of queue manager to which the URI connects.
 <a href="#">QueueName</a>	Gets the name of the queue of a <b>WebSphereMQUri</b> object.
 <a href="#">UriString</a>	Gets or sets a string that use to construct a URI.

Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">MemberwiseClone()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">ToString()</a>	(Inherited from <a href="#">Object</a> .)

Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

See Also

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

[Return to top](#)

# WebSphereMQUri Members

Provides an object representation of a uniform resource identifier (URI) and easy access to the parts of the URI.






The following tables list the members exposed by the [WebSphereMQUri](#) type.

## Public Constructors

Name	Description
<a href="#">WebSphereMQUri</a>	Initializes a new instance of the <a href="#">WebSphereMQUri</a> class.






## Top

## Public Properties

Name	Description
 <a href="#">ClusterQueueManagerName</a>	Gets the cluster queue manager name for the specified URI.
 <a href="#">ConnectionName</a>	Gets the name of the connection of a <b>WebSphereMQUri</b> object.
 <a href="#">QueueManagerName</a>	Gets the name of queue manager to which the URI connects.
 <a href="#">QueueName</a>	Gets the name of the queue of a <b>WebSphereMQUri</b> object.
 <a href="#">UriString</a>	Gets or sets a string that use to construct a URI.



## Top

## Public Methods (see also [Protected Methods](#))

Name	Description
 <a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
 <a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
 <a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
 <a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

## Top

## Protected Methods

Name	Description
 <a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 <a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

## Top

See Also

## Reference

[WebSphereMQUri Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri Constructor

Initializes a new instance of the [WebSphereMQUri](#) class.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Sub New
```

C#

```
public WebSphereMQUri ()
```

C++

```
public:
WebSphereMQUri ()
```

J#

```
public WebSphereMQUri ()
```

JScript

```
public function WebSphereMQUri ()
```

**Remarks**The default constructor initializes any fields to their default values.

**Platforms**

**Development Platforms**

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

**Target Platforms**

See Also

**Reference**







[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)




[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri Methods

Public Methods (see also [Protected Methods](#))

	Name	Description
	<a href="#">Equals</a>	Overloaded. (inherited from <a href="#">Object</a> )
	<a href="#">GetHashCode</a>	(inherited from <a href="#">Object</a> )
	<a href="#">GetType</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">ReferenceEquals</a>	(inherited from <a href="#">Object</a> )
	<a href="#">ToString</a>	(inherited from <a href="#">Object</a> )

Protected Methods

	Name	Description
	<a href="#">Finalize</a>	(inherited from <a href="#">Object</a> )
 	<a href="#">MemberwiseClone</a>	(inherited from <a href="#">Object</a> )

See Also






**Reference**

[WebSphereMQUri Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri Properties

## Public Properties

	Name	Description
	<a href="#">ClusterQueueManagerName</a>	Gets the cluster queue manager name for the specified URI.
	<a href="#">ConnectionName</a>	Gets the name of the connection of a <a href="#">WebSphereMQUri</a> object.
	<a href="#">QueueManagerName</a>	Gets the name of queue manager to which the URI connects.
	<a href="#">QueueName</a>	Gets the name of the queue of a <b>WebSphereMQUri</b> object.
	<a href="#">UriString</a>	Gets or sets a string that use to construct a URI.

See Also

### Reference

[WebSphereMQUri Class](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri.ClusterQueueManagerName Property

Gets the cluster queue manager name for the specified URI.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ClusterQueueManagerName As String
```

C#

```
public string ClusterQueueManagerName { get; }
```

C++

```
public:
property String^ ClusterQueueManagerName {
    String^ get ();
}
```

J#

```
/** @property */
public String get_ClusterQueueManagerName ()
```

JScript

```
public function get ClusterQueueManagerName () : String
```

## Property Value

The cluster queue manager name.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri.ConnectionName Property

Gets the name of the connection of a [WebSphereMQUri](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property ConnectionName As String
```

C#

```
public string ConnectionName { get; }
```

C++

```
public:
property String^ ConnectionName {
    String^ get ();
}
```

J#

```
/** @property */
public String get_ConnectionName ()
```

JScript

```
public function get ConnectionName () : String
```

## Property Value

The name of the connection of the specified object.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)



# WebSphereMQUri.QueueManagerName Property

Gets the name of queue manager to which the URI connects.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property QueueManagerName As String
```

C#

```
public string QueueManagerName { get; }
```

C++

```
public:
property String^ QueueManagerName {
    String^ get ();
}
```

J#

```
/** @property */
public String get_QueueManagerName ()
```

JScript

```
public function get QueueManagerName () : String
```

## Property Value

The name of queue manager to which the URI connects.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri.QueueName Property

Gets the name of the queue of a [WebSphereMQUri](#) object.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public ReadOnly Property QueueName As String
```

C#

```
public string QueueName { get; }
```

C++

```
public:
property String^ QueueName {
    String^ get ();
}
```

J#

```
/** @property */
public String get_QueueName ()
```

JScript

```
public function get QueueName () : String
```

## Property Value

The name of the queue of the specified object.

**Thread Safety**Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)

# WebSphereMQUri.UriString Property

Gets or sets a string that use to construct a URI.

**Namespace:** System.ServiceModel.Channels.WebSphereMQ

**Assembly:** System.ServiceModel.Channels.WebSphereMQ.Channel (in system.servicemodel.channels.webspheremq.channel.dll)

Usage

Syntax

VB

```
'Declaration
Public Property UriString As String
```

C#

```
public string UriString { get; set; }
```

C++

```
public:
property String^ UriString {
    String^ get ();
    void set (String^ value);
}
```

J#

```
/** @property */
public String get UriString ()

/** @property */
public void set UriString (String value)
```

JScript

```
public function get UriString () : String

public function set UriString (value : String)
```

## Property Value

A string that use to construct a URI.

Thread SafetyAny public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Platforms

## Development Platforms

Windows Server 2003 R2 SP2, Windows Vista SP2, Windows 7, Windows Server 2008 SP2 and Windows Server 2008 R2

## Target Platforms

See Also

## Reference

[WebSphereMQUri Class](#)

[WebSphereMQUri Members](#)

[System.ServiceModel.Channels.WebSphereMQ Namespace](#)