Microsoft Dynamics[®] GP

Using Microsoft Team Foundation Server 2010 with Microsoft Dexterity[®]

White Paper

This document provides the basic instructions for setting up Microsoft Team Foundation Server as a source code control repository for Dexterity.

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Introduction

This document describes the basic procedure for installing Microsoft Team Foundation Server 2010 and configuring workstations to use it as a source code control repository for Dexterity development. Other features of Team Foundation Server are not discussed. Refer to the Team Foundation Server documentation for more information about using the other features.

There are two parts to the installation process. First, you will install and configure the Team Foundation Server. Second, you will configure each workstation that is running Dexterity and accessing the Team Foundation Server.

Configuring the Team Foundation Server

Complete the following procedures to set up the Team Foundation Server.

Installing Team Foundation Server 2010

Install Team Foundation Server 2010 on the system that will act as the repository. To install Team Foundation Server 2010, complete the following procedure:

1. Run setup.exe for the appropriate version (32-bit or 64-bit) of Microsoft Team Foundation Server. The main installation screen will be displayed. Click Next to continue.

Microsoft Team Foundation Server 2010	ation Server 2010 Setup
Welcome to the Nicrosoft Team Foundation Server 2010 installation wizard. This wizard guides you through installing this program and all required components.	
Help Improve Setup You can submit information about your Visual Studio setup experiences to Microsoft. To participate, check the box below.	
Corporation	
Loading completed. Elick New to continue.	
	Cancel

2. Read and acknowledge the license agreement. Click Next to continue.

Microsoft Team Foundation Server 2010 Setup - Start	
Visual Studio Team Four	
Please suit all applications before Simplications staffing Simplications with the installation. Simplications are array installed Simplications are array	Re sure to carefully read and understand all the rights and restructions disorded and the restruction of the locate times does us on indiad does not read to the locate times of the restruction of the r
	< Previous Next> Cancel

3. Install the Team Foundation Server. Click Install to start the installation process.

Wessendt Faam Foundation Server 2010 Setup - Dictions Age					
Select features to install:	Feature desc	ription:			
Case Foundation Composerses Comparison Composerses Comparison Composerses Train Foundation Server Pray Train Foundation Baild Service Prevan Install, Team Foundation Baild Service Prevan Install path: Comparison Composerses Comparison Comparison Comparison Comparison Prevan Install path: Comparison Comparison Comparison Prevan Install path: Comparison Comparison Comparison Comparison Comparison Prevan Install path: Comparison Comparison Prevan Install path: Comparison Compar		nd track work	ck work items for		
	Disk space re Volume	purements: Disk Size	Available	Bequired	Bemaining
	C	127.0 GB	111.4 GB	2.1 GB	109.3 GB
Restore Defaults			< Previous	Install	Cancel

4. After the installation is complete, you must configure the Team Foundation Server. Be sure that Launch Team Foundation Server Configuration Tool is marked, and then click Configure. The Configuration Center will open.

 Security Notice: Highly Recommended
It is also recommended that you choose to opt in to the Microsoft Update service to make sure you receive all the available updates for this and other Microsoft products.
 View the readme notes Examine the installation log

Configuring Team Foundation Server

To configure the Team Foundation Server, complete the following procedure:

1. Choose the Basic configuration. While other configurations can be used, this is the easiest to set up. Click Start Wizard.



2. At the welcome screen, click Next to continue.

tasic Configuration
nfiguration Wizard
Welcome to the Basic Configuration Wizard
Before continuing with configuration, please review a list of important changes since the product was released. <u>Click here</u>
You have installed new Team Foundation Server components and need to configure them for operation. This vicand configures your Team Foundation Server environment using the default settings.
Help Improve Setup
You can submit information about your Team Foundation Server configuration and administration experiences to Microsoft. To participate, click the box below.
Yes, send information about my setup and administration experiences to Microsoft Corporation.
For more information, dick Privacy Statement.

3. Choose to install SQL Server Express. The contents of the source code control repository will be stored here. Click Next to continue.

Team Foundation Server Ba	asic Configuration
Basic Con	ifiguration Wizard
Welcome SQL Server Instance	Select a SQL Server Instance for your Team Foundation Databases
Review Readiness Checks Configure Complete	Install SQL Server Express If you select this outpoints a new instance of Microsoft SQL Server Express will be installed and your configuration and team project collection databases will be stored in it. C Use an existing SQL Server Instance
Competer	 use an essentig SQL server immance Select this option if you have an existing SQL Server that you would like to use for your configuration and team project databases (SQL Server Express will not be installed).
Visual Studio Tea	am Foundation Server 2010 Previous Next Review Cancel

4. Review the configuration settings. Click Next to continue.

Welcome SQL Server Instance	*	Settings Before Proceeding
Review	Review each of the selected config	uration settings and click next to begin readiness checks.
Readiness Checks Configure Complete	Configuration Database Install SQL Express SQL Instance Configuration Database	True DWRP2D10R2(SqlExpress Tris Conflouration
	Application Tier Service Account Site LRL Web Site Pot Creeking New Web Site Virtual Directory Authentication	T Anthroby (Material Service http://www.politics.com/pl/s news Foundation Server 0000 True ds NTUH
	Team Project Collection Project Collection Action SQL Instance New Project Collection Name Description	Create New DWW2201092/SgEspress DefaultCollecton

5. The Basic Configuration Wizard will run several readiness checks. If they all pass, click Configure to begin the configuration process.

Team Foundation Server Basic C	onfiguration			×
🚮 Basic Config	uration Wiz	zard		
Welcome SQL Server Instance Review Readiness Checks Configure	Readiness Ch Readiness checks		System is Ready to Co	nfigure
Complete	 SQL Expr Application Project C 	ess xn Tier		Passed Passed Passed Passed
	Information [Application Tier] Service will be i	ntication has not been configu	<u>Citen Los</u> red in Internet Information Services
Visual Studio Team F	oundation Server	2010	Previous Next	Configure Cancel

6. The configuration process will complete. This may take several minutes. When the process has finished, click Next to continue.

Wekane	Configuration guration Wizard Configuration Progress	×
5(2, Server Indiance Techner Readings Orada Complete Complete	Compare IS Compare IS Initial SQ Server Cares Server Durabases Web Sa Compare Servers Compare Servers	Complete Complete Complete Complete Complete Complete Complete
Visual Studio Team	Foundation Server 2010	versious Next Firsth Occe

7. Complete the configuration process. Click Close to exit the wizard.

Team Foundation Server Basic Configuration		
쀎 Basic Config	guration Wizard	
Watano SS, Sirre Holanca Residenci Residenci Residenci Conglete	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	
Visual Studio Team	Foundation Server 2010 Previous Next Finish Close	

Installing Microsoft Visual Studio Team Explorer

To configure the repository in Team Foundation Server, you need to use either Microsoft Visual Studio 2010 or Microsoft Visual Studio Team Explorer. Microsoft Visual Studio Team Explorer is included with Team Foundation Server. Use the following procedure to install it.

1. Run setup.exe for Microsoft Visual Studio Team Explorer. The main installation screen will be displayed. Click Next to continue.

🌄 Microsoft Visual Studio Team Explorer 2010 - ENU	
Visual Studio Team Explore	er 2010 Setup
Welcome to the Microsoft Visual Studio Team Explorer 2010 - ENU installation wizard.	
This wizard guides you through installing this program and all required components.	
Help Improve Setup You can submit information about your Visual Studio setup experiences to Microsoft. To participate, check the box below.	
Yes, send information about my setup experiences to Microsoft Corporation.	
For more information, read the <u>Privacy Statement</u>	
Loading completed. Click Next to continue.	
	< Previous Next> Cancel

2. Read and acknowledge the license agreement. Click Next to continue.

Vicense Visual Studio Team Explorer 2010 - ISU Setup - Start Page				
Prese suit all applications before Simplify a detected by the full application Simplify as detected by the full application of the full application Simplify as detected by the full application Simplify and an array in table V = 0.2.8 Auxime (0.6) V = 0.2.8 Auxime (0.6) W = 0.0.1 Auxime (0.6) Minroadi XET Framewok 4 Simplify all hald be following comparents: Minroadi Visual Shado Yeam Explarer 2010 - Simplify	A control of the order of the o			
To install, you must accept the license terms and enter a valid 25-character product key, where prompted.				
	< Previous Next> Cancel			

3. Install Team Explorer. Click Install to start the installation process.

Select features to install:	Feature desc	ription:			
– ⊙ ≜}Tean Explore	Installs T compone	eam Explorer, nts for connec	Office Projec	t, and Office I Foundation St	Excel dient river.
	Feature install path:				
	c: VProgram F	les Microsoft Via	ual Studio 10.0%		Browse
	Disk space re Volume	quirements: Disk Size	Available	Required	Remaining
	C	127.0 GB	109.9 GB	645 MB	109.3 GB

4. After the installation is complete, click Finish.

Marcosit Wood Studie Team Explorer 2010 - Evil Setup			
Success Visual Studio Setup is	s complete.		
Visual Studio 2010 has been installed.	Documentation: To install Visual Studio 2010 Product Documentation, run setup.exe in the MSDN folder on the installation media. Security Notes:		
	T is highly recommended that you update this computer with the latest security patches for your operating system. See the windows: Update wis bits, http://www.operate.moster.com/.or the latest updates. You can also get updatest for <i>Vindows</i> (Jater 2023) and Vindows (Jater 2023) and Vindows 10 opt in to the Microsoft Update serve to make sure you receive all the Microsoft Update serve.		
	available updates for this and other Microsoft products. You can do so by visiting this site: http://update.microsoft.com/microsoftupdate. If Microsoft.latence.htp/microsoftupdate. If Microsoft.latence.htp/microsoftupdate.		

Creating a Team Project

A team project contains the repository where your dictionary resources will be stored. Use the following procedure to create a team project.

- 1. Start Visual Studio or Team Explorer.
- 2. From the Team menu, choose Connect to Team Foundation Server. Select your Team Foundation Server, and then click Connect.

lyngp2010r2		<u> </u>	Servers
eam Project Collections:	Team Projects:		
🙀 DefaultCollection	🗹 (Select All)		

3. In Team Explorer, select a collection. If you haven't created a separate collection, use the default collection.

Team Explorer	▼ ₽ ×
a 🛛 🖓	
dyngo2010r2[DefaultCollection My Favorites	

4. From the File menu, choose New Team Project. Supply a name and description for the team project. Click Next to continue.

New Team I	n Project on dyngp2010r2\DefaultCollection	? ×			
	Specify the Team Project Settings				
componer	The New Team Project Wizard uses the team project name you type here when creating various components. After the team project is created, the name is used by team members to locate the team project.				
Server or	Make sure that the name you pick for the team project is not already in use by Team Foundation Server or any other software used in the deployment (for example, SharePoint Products or SQL Server Reporting Services).				
What is	s the name of the team project?				
Samples	s				
What is	s the description of the team project?				
Sample a	-applications for DexterRy.	×			
	< Previous Next >	Finish Cancel			

5. Choose a process template. If you do not have a specific preference, the MSF for Agile Software Development is suitable for a Dexterity repository. Click Next to continue.

ew Team Project on dyngp2010r2\DefaultCollection	
ew Team Project on dyngp2010r2\DefaultLollection	1 ^
Select a Process Template	
The process template defines key aspects of how the team project is managed. The process template may include work item types, work products, reports, queries, and process guidance for your team project.	
Which process template should be used to create the team project?	
MSF for Agile Software Development v5.0	-
This template allows you to organize and track the progress and health of a small- to medium-sized Agile project.]	~
Download additional Process Templates online Find Microsoft Visual Studio Certified Process Templates.	
< Previous Next > Finish Cancel	

6. Choose to create an empty source control folder. Click Next to continue.

New Team Project on dyngp2010r2\DefaultCollection ? X
Create an empty source control folder Stamples Create a new source control branch Branch from:
_ <previous next=""> Frish Cancel</previous>

7. Review the team project settings. Click Finish.

New Team Project on dyngp2010r2\DefaultCollection
Confirm Team Project Settings
Team project settings:
Commission of the second
Click Finish to create the team project or click Previous to modify your settings.
< Previous Next > Finish Cancel

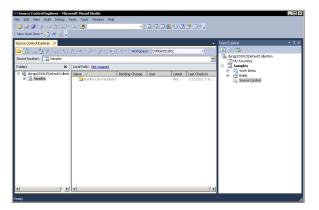
8. The team project will be created. Click Close.

New Team P	oject on dyngp2010r2\DefaultCo Team Project Created	llection		? ×
	ccessfully created Samples on dyngp2 <u>im project creation log</u>	010r2\DefaultCollection.		
	< Previc	us Next >	Close	Cancel

Configuring Source Control for a Team Project

In the team site, you must configure the source control repository. To do this, complete the following procedure.

1. In Team Explorer, double-click Source Control in the team project that you just created. The Source Control Explorer will be displayed.



2. Set the local path. At the top of the Source Control Explorer, you will see that the Local Path setting says "Not mapped". Click the link to open the Map window.

Map			? ×
Create a worksp	ace mapping.		
Current status:	The server folder is not mapped.		
Server folder:	\$/Samples		
Local folder:	C:\Samples		
Recursive		Map Can	cel

- 3. Map the Source Control collection to a local folder on the system. The source files that you will be checking into and out of the repository will be placed in this folder. Specify a location, and then click Map. A message will be displayed indicating that a "get" operation should be performed. Click Yes.
- 4. Create folders for the repository. Typically, there is one folder for each dictionary that you will be storing in the repository. Right-click in the main list of the Source Control Explorer and choose New Folder.
- 5. Set the name of the folder. Typically, this will match the name of the dictionary.
- 6. Right-click the new folder and choose Check In Pending Changes. Supply a comment and click Check In.

Check In - Sour	ce Files - Workspace: DYNGP2010R2		× ×	×
Work Items	Name	Change	Folder 🔺	
Check-in Notes Policy Warnings	P 🎍 RESM	add	C(Bimples	
			Check In Cancel	

Configuring Workstations

Complete the following procedures to configure each workstation that will be running Dexterity and accessing the Team Foundation Server.

Connecting to the Team Foundation Server

You must create a connection to the Team Foundation Server on every workstation that will be accessing the Team Foundation Server source code repository. To do this, complete the following procedure:

Install Microsoft Visual Studio Team Explorer or Microsoft Visual Studio on the workstation. This is required to create the connection to the source code repository. Refer to Installing Microsoft Visual Studio Team Explorer earlier in this document for a detailed installation procedure.

- 1. Start Visual Studio or Team Explorer.
- 2. From the Team menu, choose Connect to Team Foundation Server. If your Team Foundation Server is not listed, click Servers. Click Add, and then supply the name of the Team Foundation Server. Select your Team Foundation Server.

3. Select the team project collection to use, and then select the team project that contains the source code repository. Click Connect.

Select a Team Foundation Server: dyngp2010r2	▼ Servers
ean Project Collections:	Tean Projects:

- 4. In Team Explorer, double-click Source Control in the team project that you just selected. The Source Control Explorer will be displayed.
- 5. Set the local path. At the top of the Source Control Explorer, you will see that the Local Path setting says "Not mapped". Click the link to open the Map window.

Мар		? ×
Create a worksp	ace mapping.	
Current status:	The server folder is not mapped.	
Server folder:	\$/Samples	
Local folder:	C:\Samples	
Recursive		Map Cancel

6. Map the Source Control collection to a local folder on the system. The source files that you will be checking into and out of the repository will be placed in this folder. Specify a location, and then click Map. A message will be displayed indicating that a "get" operation should be performed. Click Yes.

Installing the Dexterity Source Code Control Server

You must install the Dexterity Source Code Control Server (DSCCS) on every workstation that will be accessing the Team Foundation Server source code repository. To install the DSCCS, complete the following procedure:

- 1. From the Dexterity installation media, run the DSCCS installer.
- 2. Review and acknowledge the license agreement. Click Next to continue.
- 3. Choose the installation location for the Dexterity Source Code Control Server. Click Next to continue.
- 4. Supply the credentials under which the DSCCS will be run. When using the Team Foundation Server provider, use the credentials for the person that will be accessing the repository from the workstation on which you are installing the DSCCS. The credentials you supply are used by the Team Foundation Server to identify each individual user of the source code repository. Each workstation on which Dexterity is installed should have a unique set of credentials for the DSCCS.
- 5. Click Install to continue the installation process. After the installation is complete, the Dexterity Source Code Control Server configuration window will be displayed. The following section describes how to configure the DSCCS.

Configuring the Dexterity Source Code Control Server

You must configure the Dexterity Source Code Control Server (DSCCS) to use the Team Foundation Server provider. To configure the DSCCS, complete the following procedure:

1. If the Dexterity Source Code Control Server configuration window isn't already open, choose the Dexterity SCCS control panel for the system to display it.

Provider:	Microsoft Team Foundation	
Initialization Fil	RootDirectory	Browse
Root Directory	C:\Samples	Browse

- 2. Choose Microsoft Team Foundation as the provider. If you are using DSCCS from Dexterity 12.0 Service Pack 2 or later, choose Microsoft Team Foundation (VS 2010) as the provider.
- 3. Set the root directory to the same location you specified as the "local path" when you created the connection to the source control repository. By supplying this location, the Dexterity client will be able to find the files that are being checked into and out of the Team Foundation Server source control repository.
- 4. Click OK to save your changes. You may need to restart the Dexterity Source Code Control Service for the changes to take effect.

Configuring Dexterity

To configure Dexterity to access the Team Foundation Server repository, complete the following procedure.

1. In Dexterity, choose Options from the Edit menu. Display the Source Control tab.



- 2. Supply the repository name. When using the Team Foundation Server provider, this is the name of the workstation on which you installed Dexterity. This tells Dexterity to connect to the Dexterity Source Code Control Server service that is running on the local machine.
- 3. Supply the user name. This is the fully-qualified name (in the form DOMAIN\user) of the user that is accessing the repository.

4. Click the Project lookup button to display a list of projects for the repository. The list of projects should match the list of folders that you see in the Source Control view for the team project. Select a project and click OK.



You can now perform source code control operations in Dexterity, just as you would for any supported source code control provider.

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