UNLEASH THE POWER OF ASP.NET 2.0 WITH MICROSOFT DEVELOPMENT TOOLS.

Microsoft
Visual Studio 2005

## ADVANCED TECHNOLOGY FOR CREATING DYNAMIC WEB APPLICATIONS.

Active Server Pages (ASP) are interactive Web pages that use server-side scripts to dynamically create and modify HTML pages and return those pages to the browser. This kind of interactivity is the mark of an advanced, database-driven Web site.

ASP.NET 2.0 is a technology for creating dynamic Web applications. It provides a programming model and infrastructure that make creating scalable, secure, and stable applications faster and easier than with previous Web technologies. And since ASP.NET 2.0 pages (Web Forms) are compiled—not interpreted—they offer better performance than scripting languages. When building pages, you can use ASP.NET 2.0 server controls to create common user interface elements and program them for common tasks. Server controls allow you to rapidly build an ASP.NET 2.0 page from reusable built-in or custom components. The result: you write fewer lines of code and can create Web applications more quickly.

Microsoft® Visual Web Developer™ 2005 Express Edition is the perfect introduction to the world of Web applications. Microsoft Visual Studio® Standard Edition takes that functionality a step further by providing a complete development environment to build professional-grade Web applications with ASP.NET 2.0.
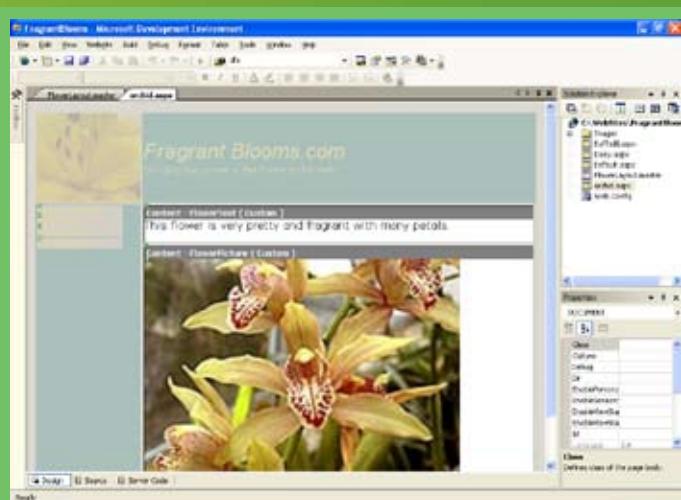
Visual designers make creating Web applications easy via an easy-to-use drag-and-drop interface.
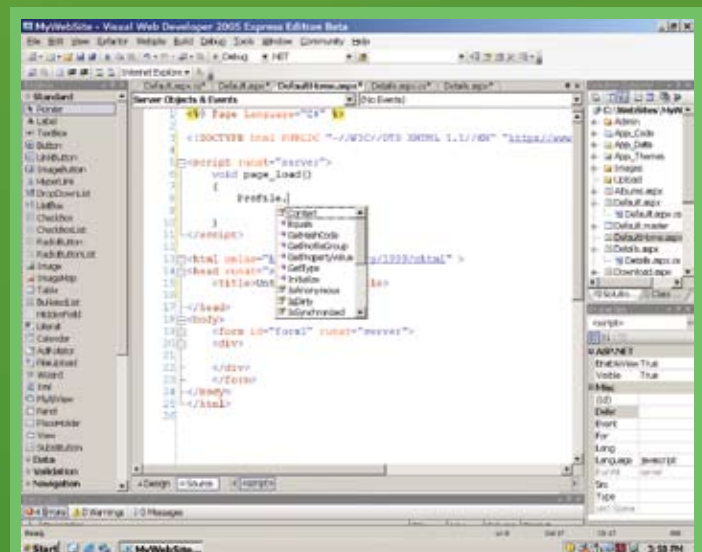
Built-in ASP.NET 2.0 features make it easy to store site visitor profiles and personalize your sites. Visual Web Developers' powerful code editor preserves HTML and includes rich functionality, such as IntelliSense, that makes writing ASP.NET code and HTML faster.

VISUAL WEB DEVELOPER 2005 EXPRESS EDITION

Visual Web Developer 2005 Express Edition is a stand-alone, lightweight, easy-to-use Web-focused tool for building ASP.NET 2.0 applications. It includes everything novices, enthusiasts, students, and hobbyists need to begin building Web applications, including fully functional Starter Kit applications, visual design tools, prebuilt controls, and a built-in development/test Web server.

Visual Web Developer Express allows you to:

◉ **Work quickly and easily** with an easy-to-use drag-and-drop interface.

◉ **Speed through writing code and HTML** with IntelliSense®.

◉ **Create data-driven Web applications** using built-in data controls.

◉ **Take advantage of integrated access** to Microsoft SQL Server™ 2005 Express.

◉ **Enjoy support for Microsoft Visual Basic® and Microsoft Visual C#® languages.**

◉ **Tap into more than 50 new integrated controls** that can reduce Web development code by up to 70 percent in common Web development scenarios.

◉ **Give users the ability to customize the look and feel of their sites** with a customizable personalization system.

◉ **Deploy sites with ease** by using an integrated Web publishing tool.

VISUAL STUDIO 2005 STANDARD EDITION

Visual Studio 2005 Standard Edition provides a full-featured development environment for Web developers. It offers the simplicity of Visual Web Developer 2005 Express Edition while giving you access to the powerful development tools you need to construct data-focused client applications and rich Web applications.

If you're a Visual Basic 6.0 developer moving to the Microsoft .NET Framework 2.0, you'll find that Visual Studio 2005 Standard Edition combines the productivity enhancements coming to Visual Basic 2005—such as My namespace, IntelliSense code snippets, and a Web version of Edit and Continue—with the power to build line-of-business applications. It's an excellent way to start migrating to a modern development environment.

Visual Studio 2005 Standard Edition enables you to:

◉ **Work with Visual Basic, Visual C#, Microsoft Visual C++®, and Microsoft Visual J#®** to build Web, Microsoft Windows®-based, and mobile applications in a single development environment.

◉ **Take advantage of intuitive drag-and-drop user interface designers** to quickly design attractive and easy-to-use applications for the Web or Windows.

◉ **Craft Web applications** with full debugging tools, Section 508/WCAG accessibility checking, and XHTML 1.0 transitional conformance.

◉ **Use SQL Server Reporting Services** to summarize, tabulate, and display output.

◉ **Extend Visual Studio** with third-party components from Microsoft-certified partners.

Feature	Visual Studio Express Editions	Visual Studio 2005 Standard Edition
IntelliSense	Yes	Yes
Code editor	Yes	Yes
Code snippets	Yes	Yes
Programming languages included	Visual Basic, Visual C#, Visual C++, and Visual J# are single language. Visual Web Developer includes Visual C# and Visual Basic	All
Office development support	No	No
User experience	Streamlined	Streamlined
Windows Forms designer	Visual Basic, Visual C#, Visual C++, Visual J#	Yes
Web Forms designer	Visual Web Developer	Yes
Mobile device support	No	Yes
Database design tools "data connections" node	Local	All
Data access	Visual Basic, Visual C#, Visual C++, Visual J#: local Visual Web Developer: local and remote only	All
Documentation	10mb "Getting Started"; Starter Kits targeted at first-time programmers; 200mb optional MSDN Express	MSDN
Class designer / Object test bench	No	Yes
XML support	XML only	XML/XSLT
Deployment tools	No	ClickOnce
Reporting	SQL Server Reporting Services	SQL Server Reporting Services
Source code control	No	MSSCCI-compatible (Visual SourceSafe® sold separately)
Debugging [1, 2]	Local	Local
64-bit compiler support [2]	No	No
SQL Server 2005 integration [1, 2]	No	No
Code profiling [2]	No	No
Static analysis [2]	No	No
Unit testing [2]	No	No
Code coverage [2]	No	No
Project management [2]	No	No
Test case management [2]	No	No

[1] *Available with Visual Studio 2005 Professional Edition.*

[2] *Available with Visual Studio 2005 Team System.*