



# 11.2

## Creating ASP.NET Applications

You Use ASP.NET and Visual Web Developer to Develop Web Applications in Visual Basic.



# Choosing Type of Web Site

- *File System Web Site* best suited to a network
  - Uses ASP.NET Development Server
  - Supplied with Visual Studio
  - Simple to use, not open to security attacks
- Select *HTTP Web Site* for a local Web server
  - Uses Internet Information Services, or IIS
  - Professional level, extensive security features
  - Extensive set-up, must have admin rights
- *FTP Web Site* if existing site on remote server
  - Need userID & password to upload application



# Creating a Web Application

- Click *New Web Site* from *File* menu
- Dialog box lists possible Web sites templates
  - Our focus is the ASP.NET Web Site
- Location based on type of Web site
- Choose a folder for the project
  - If File System, any folder can be used
  - If HTTP, folder begins with `http://localhost/`
  - If FTP, any folder can be used but must copy application to Web server to publish it
- Creates files *Default.aspx* & *Default.aspx.vb*



# Working With a Web Application

- To open an existing Web application
  - Select project from *Recent Projects* window
  - Or *Open: Web Site...* link on *Recent Projects*
- Can change default browser for your project
  - Right-click project name in Solution Explorer
  - Select *Browse With...* from shortcut menu
- To run your Web application
  - Click *Run Without Debugging* on *Debug* menu
- Web forms allow constants called *static text*
  - No label control required like a Windows form



# Web Application Debug Mode

- Must configure a project for debug capability
  - Message box shown when first running a project in debug mode
  - Clicking OK adds option to *Web.config* file that enables debugging
- Tutorial 11-1 demonstrates using static text, a button, and a label in ASP.NET