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eWebWP for Microsoft Content Management Server 2002 Installation/Integration Manual

Release 1.2 Revision 1

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Product Overview

eWebWP is a Web-based, WYSIWYG (**W**hat **Y**ou **S**ee **I**s **W**hat **Y**ou **G**et) editor for webcontent. **eWebWP** allows content managers to create and edit Web pages in a word processor-like environment directly from a Web browser. The editor supports hypertext and images.

The editor saves content as HTML or XHTML that can then be displayed in dynamic Web pages without the editor being present. **eWebWP** is a great tool for any content management team that needs to enter and update formatted text with no knowledge of XHTML.

About this Manual

Scope of This Manual

The beginning chapters of this manual explain the steps required to install **eWebWP** on a

- Windows server
- non-Windows server
- hosted server

Subsequent sections of this manual explain additional installation procedures (such as updating your license keys), and how to uninstall **eWebWP**.

Additional Documentation

The following **eWebWP** manuals are also available from the documentation page of the **eWebWP** section of Ektron's Web site.

- **eWebWP** User Guide
- **eWebWP** Developer's Reference Guide

eWebWP Support Page

The **eWebWP** support page, `www.ektron.com/support/ewebwp_support.cfm`, includes links to a Knowledge Base, FAQs, User Forum, etc.

System Requirements

Browser for Editing and Viewing	Determined by Microsoft on http://www.microsoft.com/cmserver/evaluation/sysreqs/default.htm
Client Hardware and Operating System	Determined by Microsoft on http://www.microsoft.com/cmserver/evaluation/sysreqs/default.htm
Web Server Hardware and Operating System	Microsoft Content Management Server 2002 server software (release candidate). Additional requirements determined by Microsoft on http://www.microsoft.com/cmserver/evaluation/sysreqs/default.htm

License Keys

Ektron controls the use of **eWebWP** through a license key, a unique code assigned to your domain when you purchase **eWebWP**. Your license key is included as an attached .txt file to the email that Ektron sends when you request or purchase **eWebWP**.

Typically, the ewebwplicensekey.txt file stores a license key for a public server, a test server, and a development server. But, you can enter the keys in any manner.

License Key Format

A license key typically begins with a base URL (domain name, computer network name, or IP address) followed by descriptor tags, a question mark, a series of numbers, a hyphen and one or two digits signifying release number. For example:

```
"dev.mysite.com(exp-2004-04-10)(flash)(users-10)?123412341234123412341234123412-
1";,www.mysite.com(exp-2004-04-10)(flash)(users-10)?123412341234123412341234123442-1";
```

The above example illustrates how two license keys should appear in ewebwplicensekey.txt, separated by a comma.

License keys cannot contain spaces or line breaks.

Inserting the License Key

After you download the executable (.exe) file, you are prompted to enter a license key during installation. **eWebWP** stores the license key that you enter in the ewebwplicensekey.txt file, located in the directory to which you install **eWebWP**.

If you install a test version of **eWebWP**, and later purchase it, Ektron sends you email with license keys for the purchased product. When you receive new

license keys, replace the old keys with new ones. If you do not, when the test license key expires, users cannot access eWebWP.

License Key Check

When you load a Web page that contains the editor, **eWebWP** checks the license key(s) against the domain.

- If the URL of any valid license key matches the URL of the page being accessed, the editor appears.
- If no valid license key is found for the URL of the page being accessed, the editor is disabled.

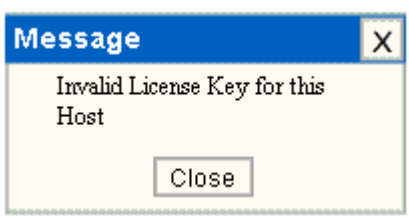
  To help you troubleshoot the problem, the About eWebWP dialog window appears and displays the license keys set in the ewebwplicensekey.txt file.

Invalid License Key Message

If you have a broken license key or a license key with an incorrect base URL, an **Invalid License** error message appears in the eWebWP client.

The error may be caused by client, server, or proxy caching. You may be able to resolve this problem by clearing the cache of the client, server, and any proxies between them. Alternatively, the scripting code in your Web application may point to an **eWebWP** installation directory that is different from the one you entered the keys into.

.



Domains in which You Can Use the License Key

The license key is assigned to your base URL, which is typically your domain name. For example, if your domain name is www.mycompany.com, the license key follows this pattern: `www.mycompany.com?1234567890`. The key also works with mycompany.com, that is, without the www.

You can use the editor in any subdirectory to that URL. For example, in an .NET environment, you can use `www.mycompany.com/sales/editpro.aspx`.

Each domain name requires its own license key. For example, to support the domain names, www.mycompany.com, sales.mycompany.com and support.mycompany.com, you need three license keys.

Register Domains, not IP Addresses

When you purchase a license key, be sure to register a domain name, not an IP address. For example, register www.mycompany.com, not 192.168.0.1.

Although **eWebWP** supports IP addresses, the domain that you license becomes the required URL in the browser address. For example, if you register 192.168.0.1 in an .NET environment, you would need to access the page with the editor as `http://192.168.0.1/somedirectory/editorpage.aspx`.

Since users would typically not identify a Web page by its IP address, you should register the domain name instead.

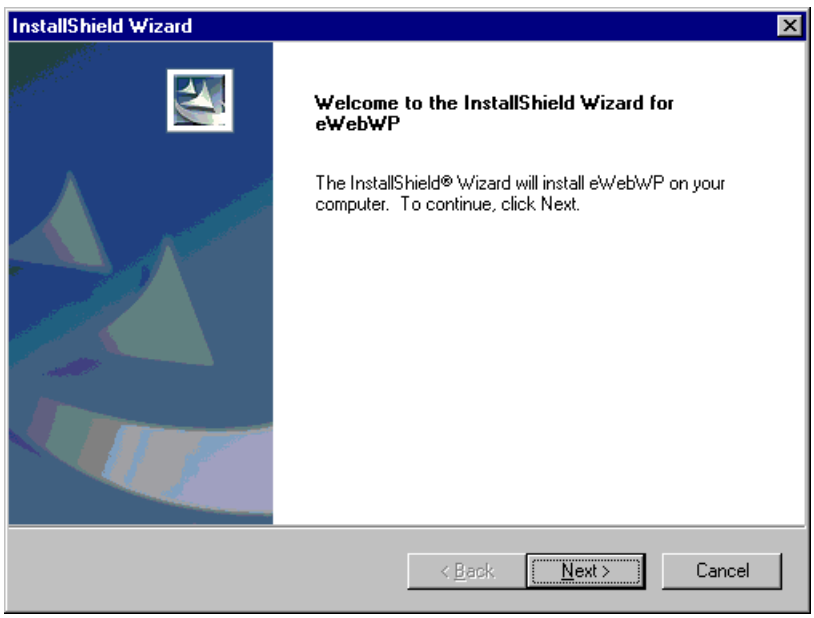
Server Installation

After you receive email from Ektron that contains license keys and download the installation file, follow these steps to install **eWebWP** on a Windows server.

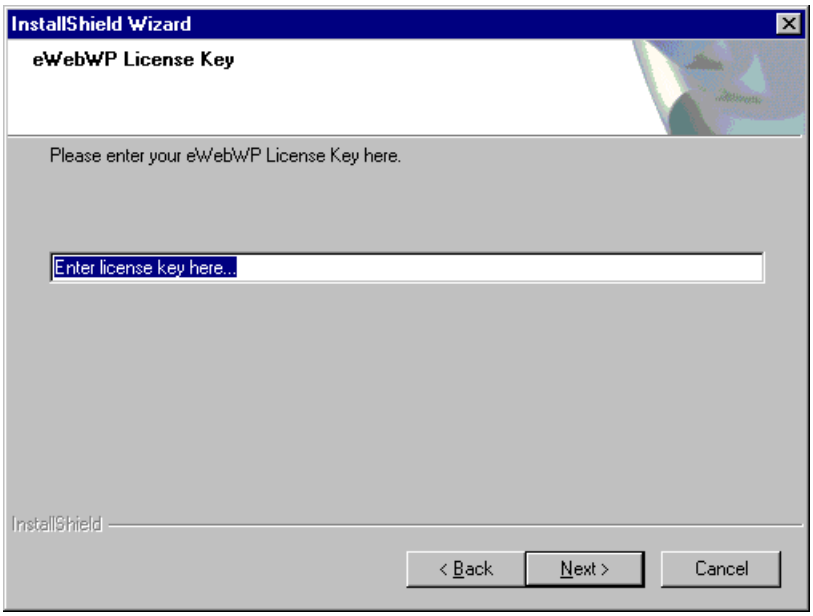
If you have	Read
Previously not installed **eWebWP**	"No Previous Release Installed" on page 7
Previously installed **eWebWP**	"Same Release is Installed" on page 11

No Previous Release Installed

1. Double click the installation file. The installation begins. Follow the instructions on the screen.



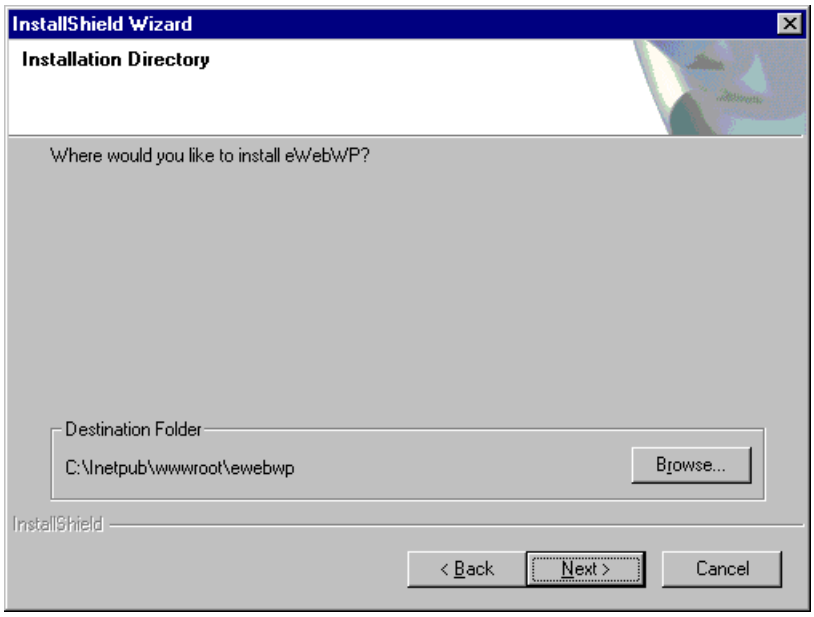
2. When you are prompted to enter license keys, enter the license keys you received via email from Ektron. (For more information, see “License Keys” on page 4.)



3. A screen (illustrated below) prompts you to specify a destination folder. If your dynamic Web server software is installed in

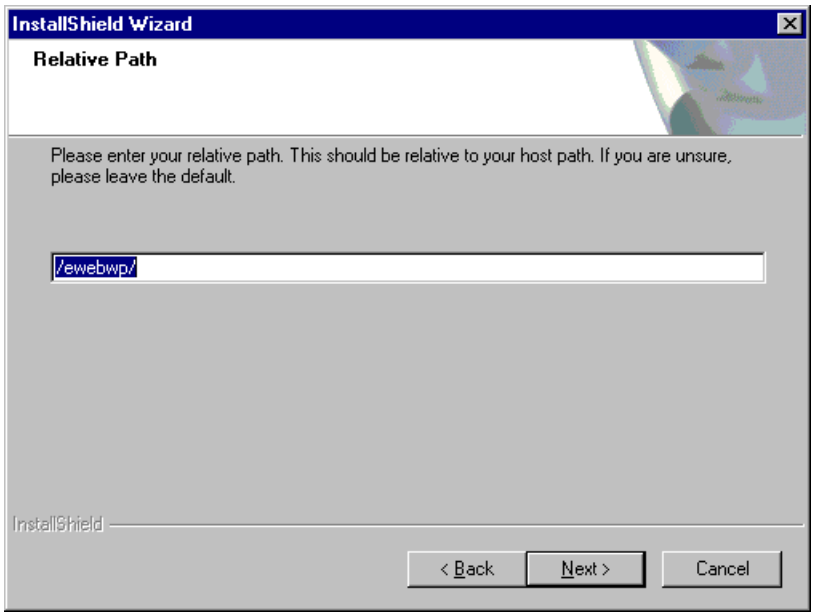
   - `c:\Inetpub\wwwroot`, accept the default destination, **`ewebwp`**
   - a different directory, browse to that directory and install **eWebWP** there

   If the folder you specify does not exist, the setup program offers to create it for you.

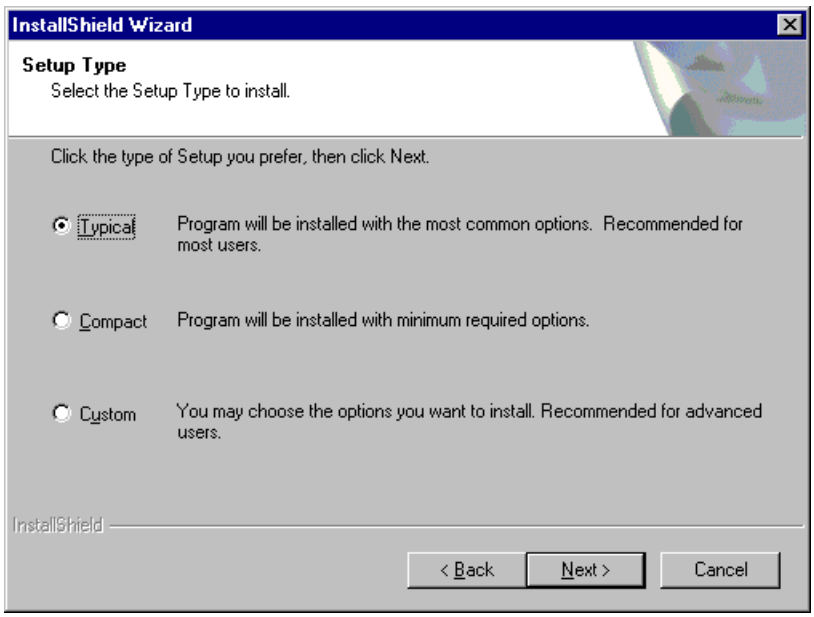

InstallShield Wizard
Installation Directory
Where would you like to install eWebWP?
Destination Folder
C:\Inetpub\wwwroot\ewebwp
Browse...
InstallShield
< Back
Next >
Cancel

4. The next screen (below) prompts you to enter the path to the **eWebWP** folder relative to the hostname.

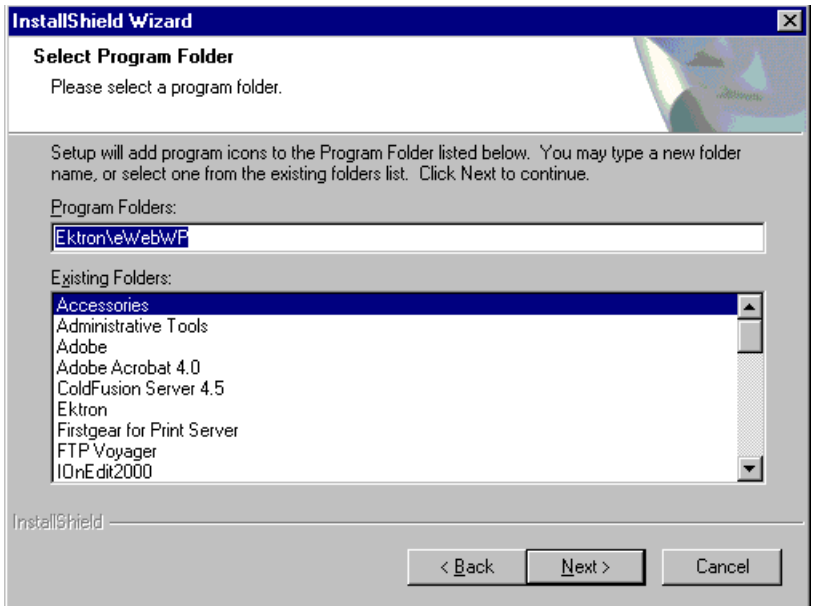
   If you accepted the default destination directory in Step 3, accept the default path **`/ewebwp/`**. If you entered a different path in Step 3, enter that path here.



5. The next screen (below) prompts you to specify the kind of setup to install. If you are unsure, leave the default (**Typical**).



6. The next screen (below) prompts you to select the folder to which to install program icons for **eWebWP**.



7. A setup screen appears, indicating the progress of copying files to your server.
8. When the copying is finished, a new window informs you.

To learn about installing **eWebWP** on clients, see “Client Installation” on page 14.

Same Release is Installed

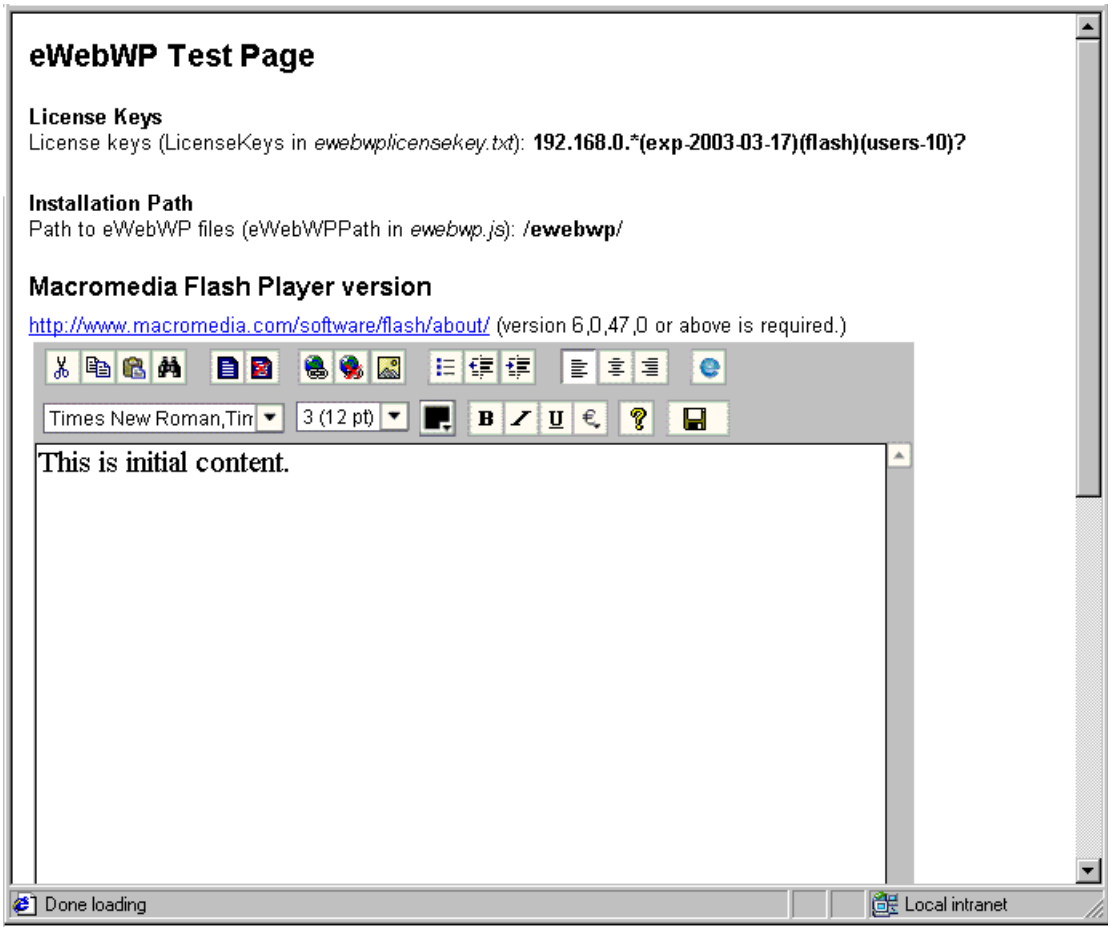
1. If the same release of **eWebWP** is installed on your server, a screen prompts you to **Modify**, **Repair** or **Remove** the program.
2. Select
   - **Modify** if you want to install or uninstall any components on the Select Components Window of the installation program.

- **Repair** if you want to reinstall all files and components that were installed previously. You would use this option if you modified some **eWebWP** files (for example, ewep.js) and want to restore them to their original state.
- **Remove** if you want to delete **eWebWP** from your server. This choice deletes all files, including the license key file. If you then want to install a new release of **eWebWP**, see “No Previous Release Installed” on page 7.

3. A setup screen appears, indicating the progress of copying files to your server.
4. When the copying is finished, a new window informs you.

Testing the Installation

To test the installation, click the Windows **Start** button > **Programs > Ektron > eWebWP > Test eWebWP**. If you see an editor on the page (as illustrated below), the installation was successful.

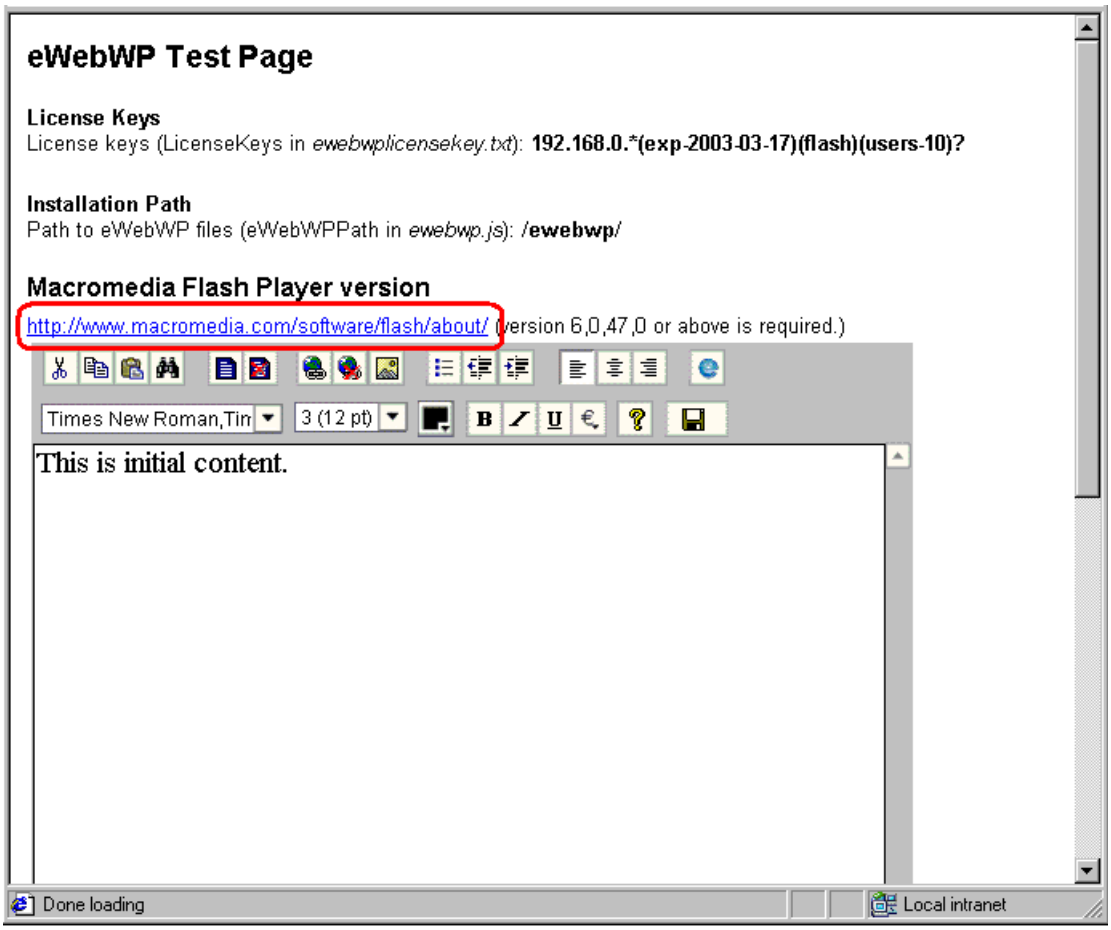


Client Installation

The Macromedia Flash Player (version 6,0,47,0 or above) must be installed on each client that uses Ektron **eWebWP**.

If the free Flash Player is not installed, users can go to `http://www.macromedia.com/software/flash/about/` and follow the directions on the screen to install the player.

A link to this Web page (illustrated below) is available from the test page, accessible from **Start Menu > Programs > Ektron > eWebWP > Test eWebWP**.



After completing the installation, the user can begin using **eWebWP**.

Sample Files

Ektron provides sample files that illustrate how to use **eWebWP** with Microsoft's Content Management Server 2002. You can use the sample to familiarize yourself and your users with **eWebWP**.

These files are installed automatically when you install **eWebWP**. Sample files are installed to the `ewebwp/samples` directory, which has one subdirectory for each sample.

You should copy these samples to another directory or rename them, and then modify them as needed for your users. If you do not copy them, any changes you make could be overwritten when you reinstall or upgrade **eWebWP**.

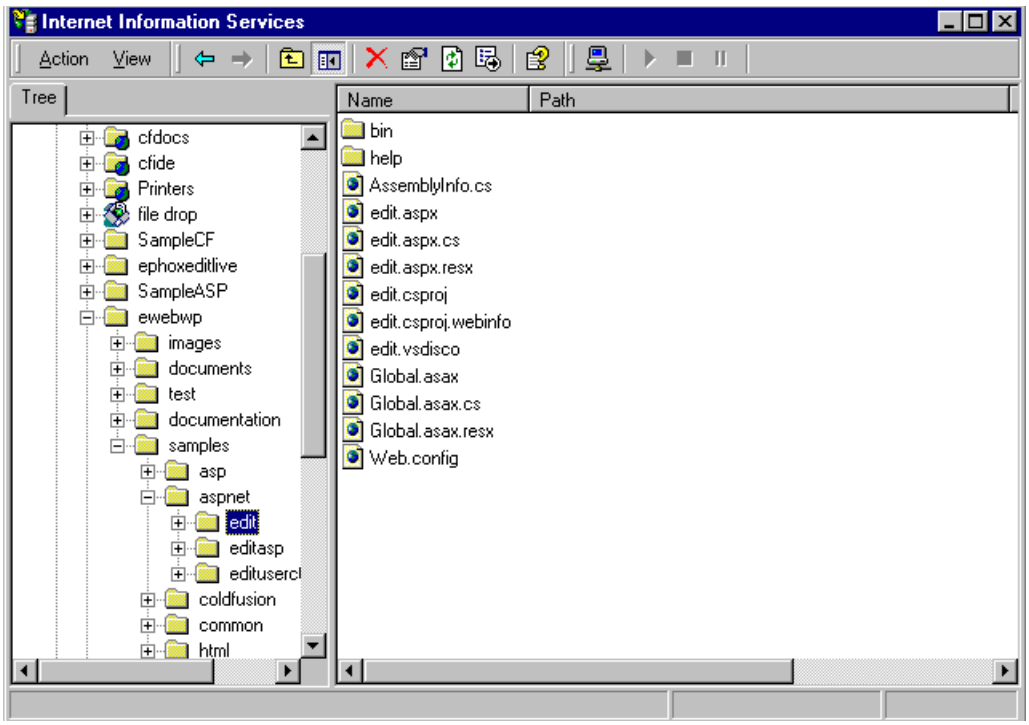
Edit Server Control Sample

The edit sample page provides an in-line editor.

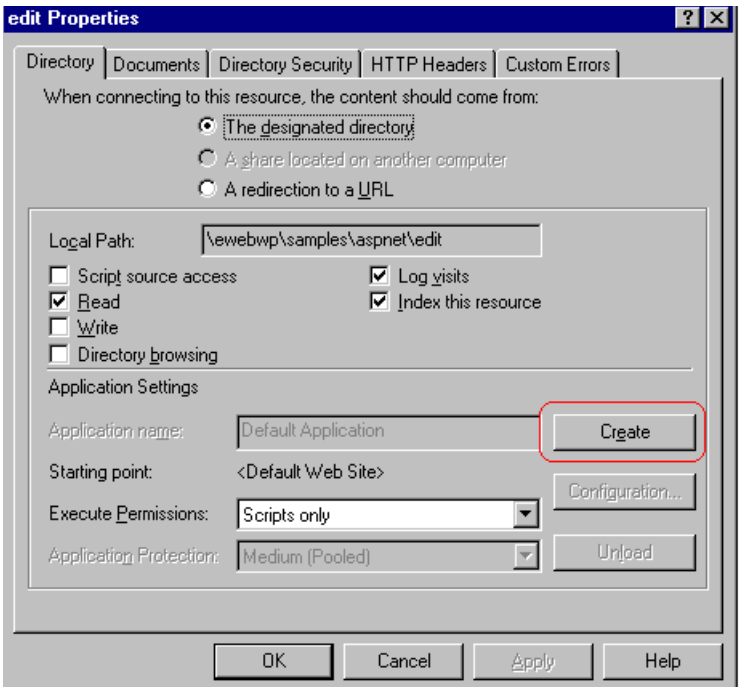
NOTE The ASP.NET edit server control sample requires you to follow these steps prior to use. All other samples require no set up.

Before you can run the edit server control sample, you must designate the `aspnet/edit` folder as an application root. Follow these steps to do so.

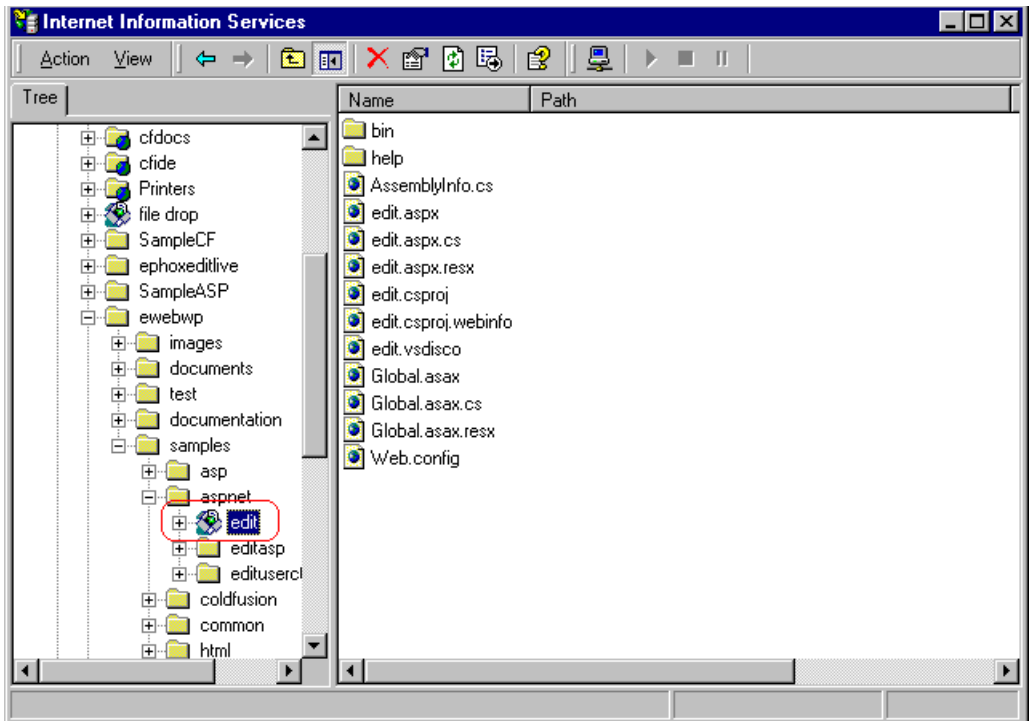
1. Open the Internet Service Manager using this path **Start button > Settings > Control Panel > Administrative Tools > Internet Services Manager**.
2. Navigate to the **ewebwp->samples->aspnet->multiedit** directory.



3. Right click the edit directory, select **Properties**, and then click the **Create** button on the **Directory** tab (or **Virtual Directory** tab) of the Properties dialog.



4. Click **OK** to update the multiedit directory with the new setting. The multiedit directory icon should now be the icon for an application root, as shown here.


Internet Information Services
Action
View
Tree
Name
Path
cfdocs
cfide
Printers
file drop
SampleCF
ephoxeditlive
SampleASP
ewebwp
images
documents
test
documentation
samples
asp
aspnet
edit
editasp
coldfusion
common
html
bin
help
AssemblyInfo.cs
edit.aspx
edit.aspx.cs
edit.aspx.resx
edit.csproj
edit.csproj.webinfo
edit.vsdisco
Global.asax
Global.asax.cs
Global.asax.resx
Web.config

Integrating eWebWP on an MCMS 2002 Page

Background Information

Microsoft's Content Management Server 2002 (MCMS 2002) provides several kinds of placeholders that you can use to position a content block on a Web page. When integrating **eWebWP**, Ektron recommends that you use a section placeholder type. If you are using an inline editor, the preferred placeholder type is flash.

See Also: "Inline versus Popup Editors" on page 26

For more information on how to create and use placeholders, please see help files of MCMS 2002 server.

Enabling the eWebWP Placeholder

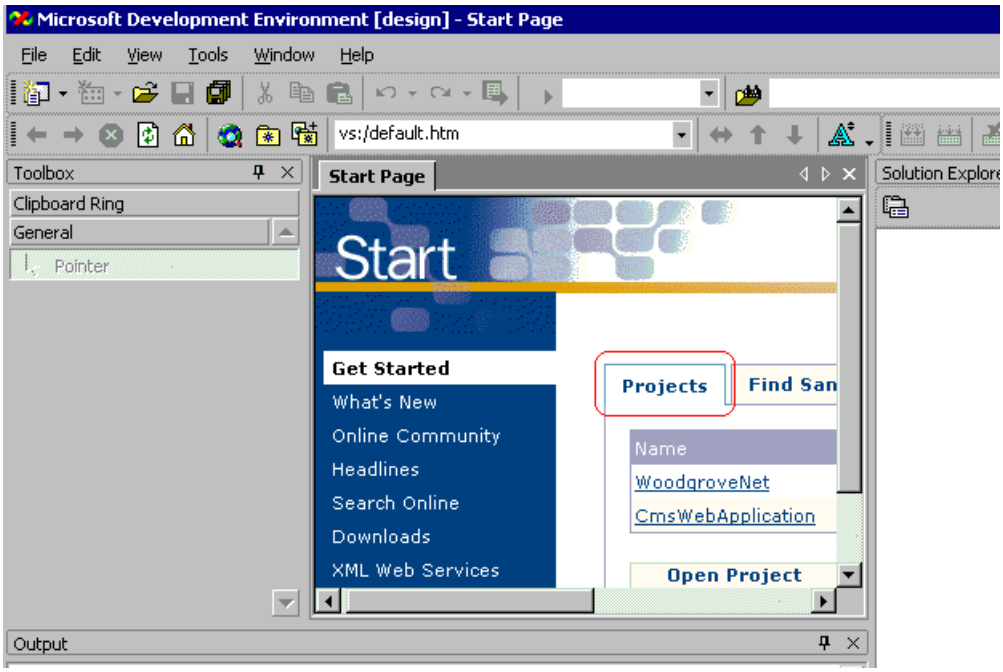
After you install **eWebWP** for MCMS 2002, you must complete the following three tasks before you can insert **eWebWP** placeholders.

1. Add a reference to eWebWPControlLibrary.dll.
2. Add an **eWebWP** placeholder in the toolbox.
3. Build the project.

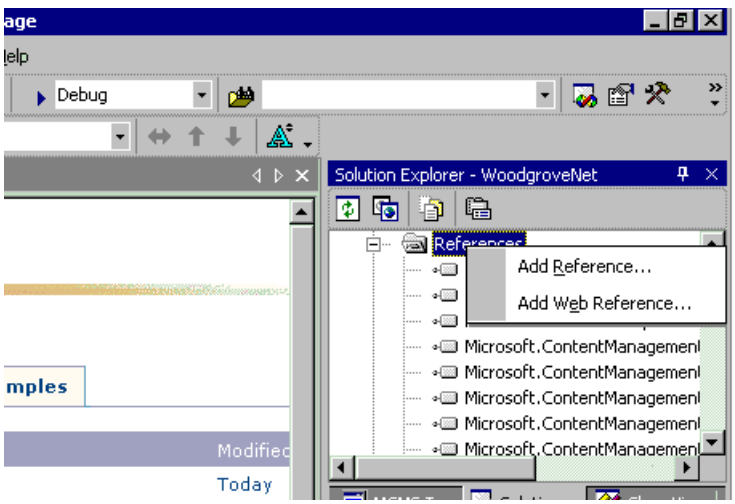
Adding a Reference to eWebWPControlLibrary.dll

To add a reference to the eWebWPControlLibrary.dll file, follow these steps.

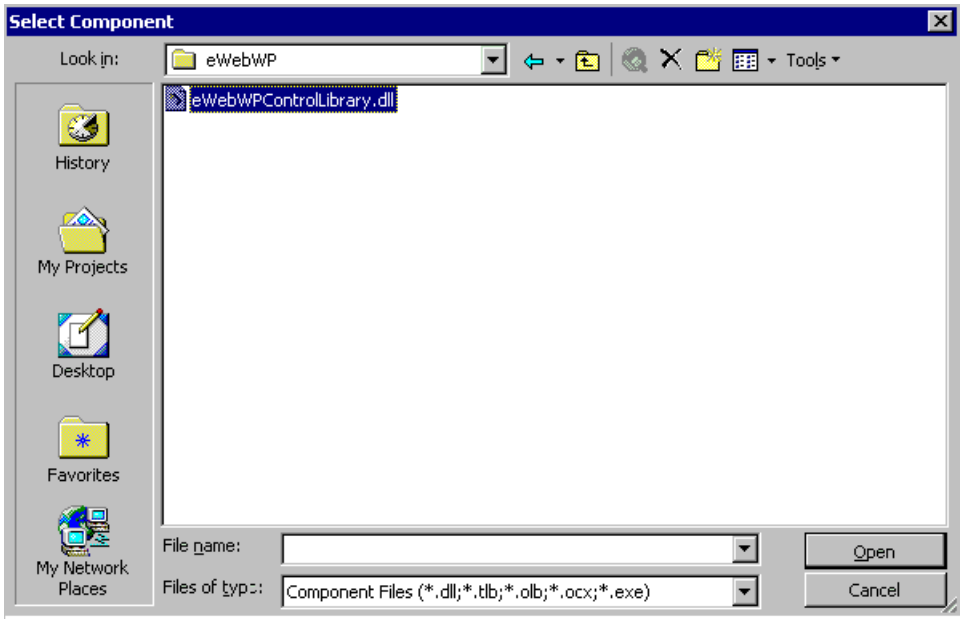
1. Open Microsoft Visual Studio.NET.
2. Open your Web site's project file.



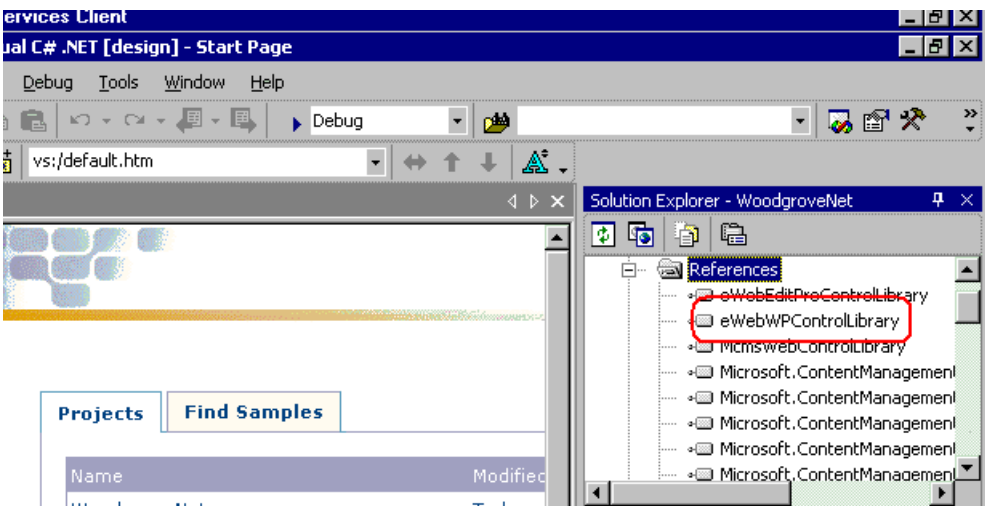
3. In the Solution Explorer, click your project file (for example, Solution "Woodgrovenet" > Woodgrovenet).
4. Expand the nodes of the project file and right-click on References.
5. Click **Add Reference**.



6. A dialog box appears. Click **Browse**, navigate to `C:\Program Files\Ektron\eWebWP` and select eWebWPControlLibrary.dll. Click **Open** to insert it.



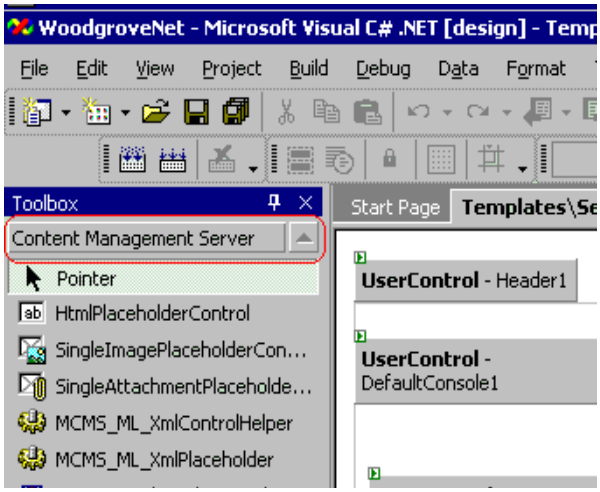
7. Verify that eWebWPControlLibrary.dll was added to the project's references list. To do this, navigate to the .dll using Solution Explorer.



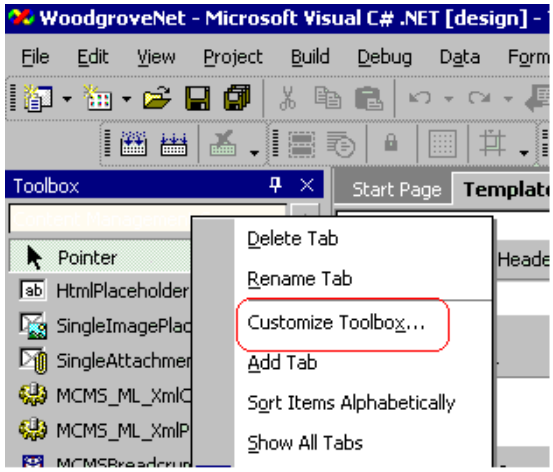
Add an eWebWP Placeholder in the Toolbox

Before you can insert an **eWebWP** placeholder, it must be available in Visual Studio .NET's toolbox. Follow these steps to add the placeholder to the toolbox.

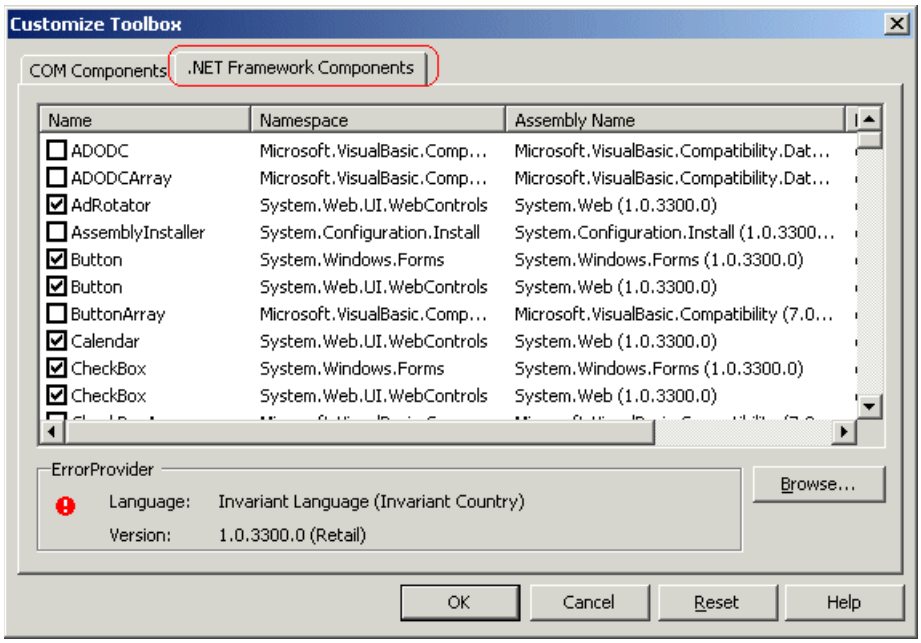
1. Under **Toolbox**, select the Content Management Server tab.



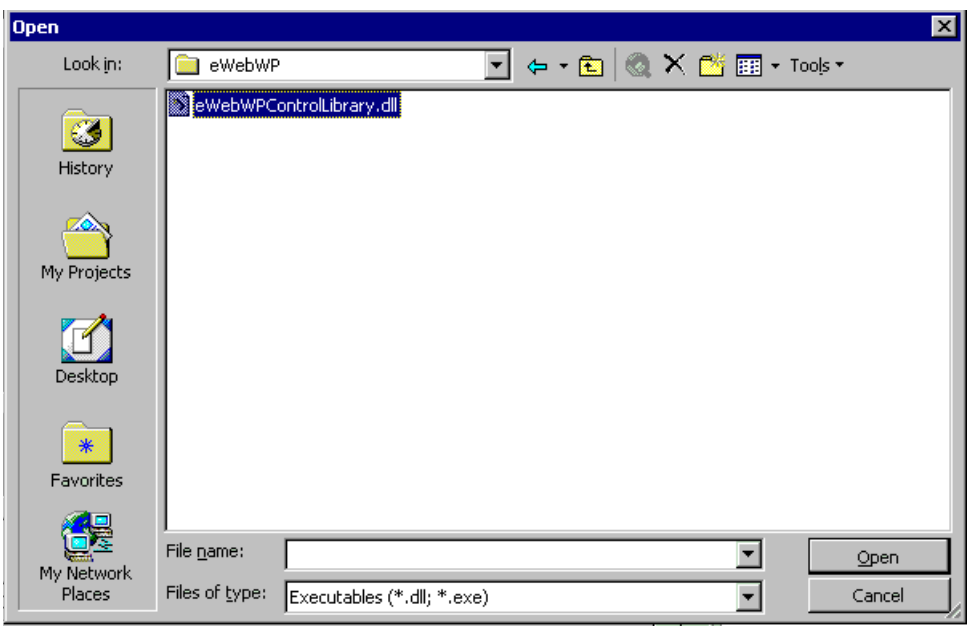
2. Right click the mouse and select **Customize Toolbox**.



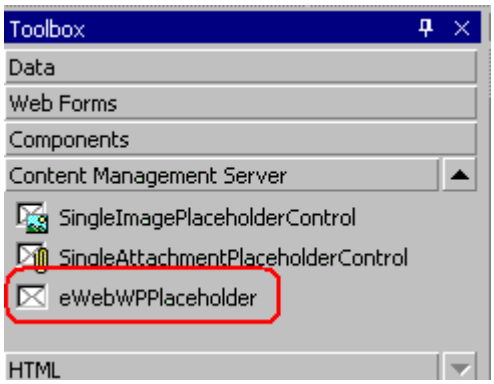
3. The Customize Toolbox dialog appears. Click the **.NET Framework Components** tab.



4. Click **Browse,** navigate to your program files directory, and select `Ektron/eWebWP/eWebWPControlLibrary.dll`.



5. Select eWebWPControlLibrary.dll and click **Open**.
6. The Customize Toolbox dialog reappears. Click **OK**.
7. Notice that the .dll file appears as **eWebWP Placeholder** in the toolbox.



Build the Project

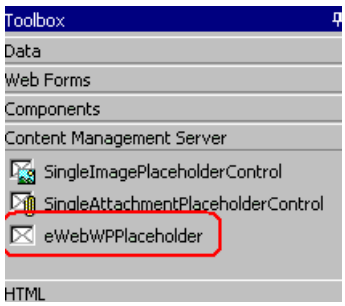
Before you can insert the **eWebWP** placeholder onto a Web page, you must build the project file so that editor is ready for use.

NOTE You only need to do this once, after the editor is installed.

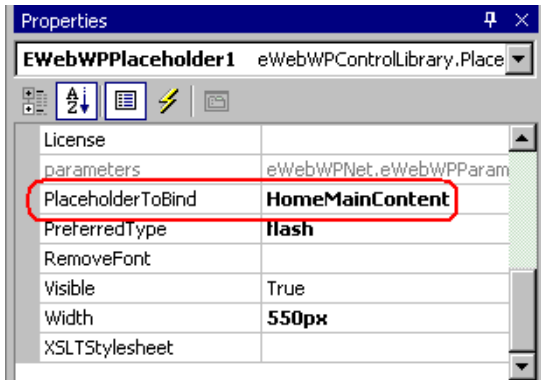
Inserting a Placeholder for eWebWP

After you install the placeholder and build the project file, you can drag and drop the **eWebWP** placeholder onto a Web page. Follow these steps to do so.

1. Open Visual Studio.NET and create a new page or open an existing one.
2. Display Visual Studio.NET's Toolbox.
3. Click Content Management.
4. Scroll down until you see **eWebWPPlaceHolder**.



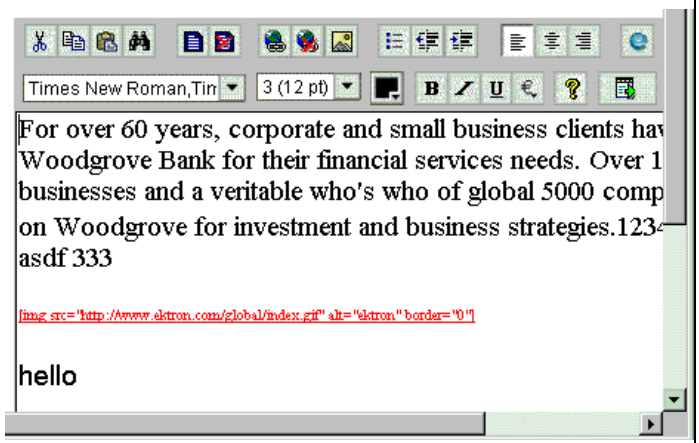
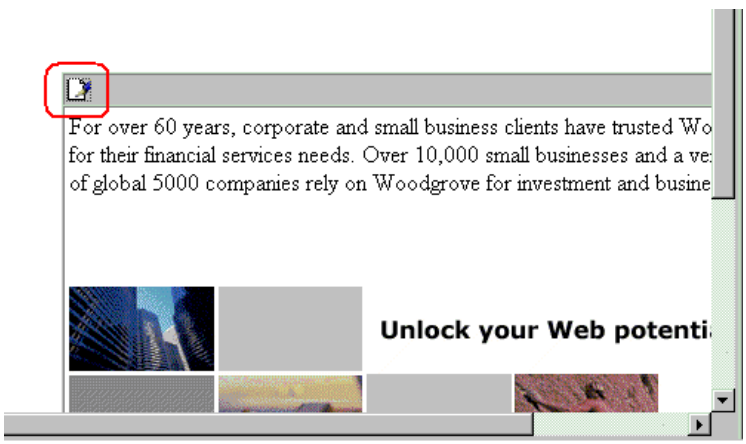
5. Drag the eWebWPPlaceHolder and drop it into the section of the page where you want it to appear.
6. Bind the placeholder to a placeholder definition. To do this, select the placeholder, right click the mouse, and select **Properties**. Within the Data property category, click **PlaceholdertoBind**. Click the small black down arrow to see your choices and select a template whose type is **HTMLPlaceholderDefinition**.



7. After you bind the placeholder to a definition, the **PlaceholdertoBind** value appears within the placeholder.

Inline versus Popup Editors

eWebWP can be inserted onto a page either *inline* or as a *popup*.

Editor type	Description	Image
inline	displays the toolbar and content in WYSIWYG mode	
popup	initially displays a single icon where the toolbar normally appears, and content appears as published. When the user clicks the icon, a new window appears with the toolbar and content in WYSIWYG mode.	

Use the `PreferredType` field in the editor properties to determine the editor format. To create an inline editor, set `PreferredType` to **flash**. To create an popup editor, set `PreferredType` to **section**.

Using oncreate to Customize eWebWP

If you are using Microsoft Content Management Server (MCMS) 2002 and want to customize an instance of the **eWebWP** editor on a page, you cannot add inline JavaScript as you can on other platforms.

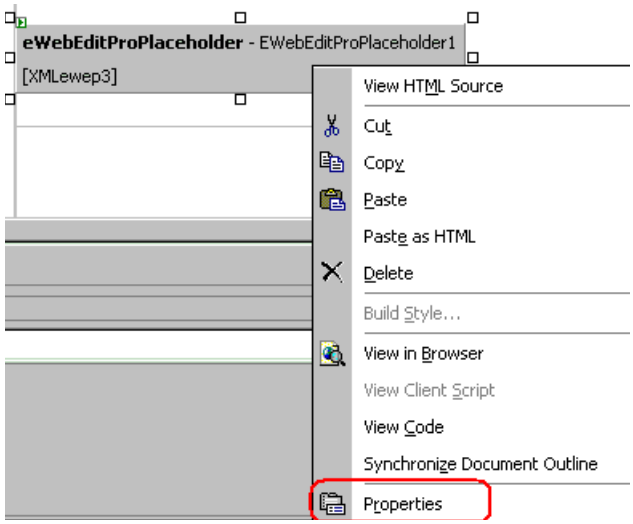
With MCMS 2002, you do not explicitly include the ewebwp.js file prior to using the 'eWebWP' JavaScript object. If you are accustomed to working with the integrated development environment (IDE) in design mode rather than viewing the tags, it is easier to centralize customizations in one file than it is to insert client-side SCRIPT tags before each editor.

TIP: To customize *all* instances of **eWebWP**, modify the parameter values in the ewebwpdefaults.js file. These values apply to all editors on all pages.

Customizing eWebWP Parameters

With MCMS 2002, an editor appears wherever the **eWebWP** placeholder is positioned on a page. Some parameters are available in VisualStudio.NET's Properties dialog when you edit the page and select an **eWebWP** placeholder. You can modify several properties of an instance of the **eWebWP** editor within MCMS 2002 by

1. Selecting the **eWebWP** placeholder.
2. Right clicking the mouse and selecting properties.



The following table describes properties that you can edit from here.

Property	Type	For more information, see
CustomSaveIcon	String	The section of the eWebWP Developer's Reference Guide "Customizing the Save icon."
Default Font Color	String	The section of the eWebWP Developer's Reference Guide "Presetting font face, size and color"
Default Font Name	String	The section of the eWebWP Developer's Reference Guide "Presetting font face, size and color"
Default Font Size	String	The section of the eWebWP Developer's Reference Guide "Presetting font face, size and color"
Placeholder ToBind	Choice	"Inserting a Placeholder for eWebWP" on page 25
Preferred Type	Choice	"Inline versus Popup Editors" on page 26
AsXHTML	String	The section of the eWebWP Developer's Reference Guide "XHTML filtering"
Path	String	The directory to which **eWebWP** is installed. By default, **eWebWP** is installed to `ewebwp`. Only change this property if you installed to a different directory.

Uninstalling from a Server

To remove **eWebWP** from a server that was installed using the .exe file, follow these steps.

1. Close any open sessions of **eWebWP**.
2. Click on Windows **Start** button > **Settings** > **Control Panel** > **Add/Remove Programs**.
3. Select a release of **eWebWP** and click **Change/Remove**.
4. Follow the screen instructions to complete the removal.

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