

# Web Studio 4.0 Service Pack 4 Release Notes

We at Back to the Beach Software are excited to release the fourth service pack release for Web Studio 4.0. This release includes some really great new features, enhancements, and bug fixes. This service pack continues our commitment to providing additional value and continual improvement for our existing customers.

## What is Web Studio 4.0 Service Pack 4

Service packs are the means by which Web Studio 4.0 updates are distributed.

Service packs keep the product current, and extend and update its functionality. Service packs may include new features, feature enhancements, fixes, and additional components. All are conveniently bundled for easy downloading. Service packs are cumulative -- each new service pack contains all the features and fixes in previous service packs..

Please note that this document contains descriptions of Service Pack 4, as well as Service Packs 3, 2 and 1.

## Who Should Download Service Pack 4?

Check the version of your Web Studio 4.0 program by opening the program; choose a New Website when the opening dialog comes up. Then choose *Web Studio Version Info* from the *Help* menu. The dialog that appears indicates the version at its top. If your dialog doesn't say "Service Pack 4", you should download and install Service Pack 4. If you already have Service Pack 4 or greater, it will be indicated in the dialog.

To download and install Service Pack 4, go to the Resources Menu of the WebStudio.com website and choose Downloads. Once on the Downloads page, click on the Link to download Service Pack 4. Open or Run the download when asked. The file will then be downloaded to your computer and the Installer will start. Follow the instructions in the installer to install the Service Pack. Note that the installer will find the location of Web Studio 4.0 and will offer that location as the place to install. Accept that location by pressing the Next button and proceeding with the install. Installing Service Pack 4 will *not* delete any of your files.

## **Service Pack 4: New Features**

### **Summary of Major New Features**

- PayPal Shopping Cart for selling products online
- New Slide Shows using Flash
- New Text Effects using Flash
- Full compatibility with Internet Explorer 7.0

### **Using the PayPal Shopping Cart**

The complete documentation for PayPal usage is in the Help menu in Web Studio under the heading “PayPal Documentation”. You can also get the documentation by simply dragging a PayPal button from the CoolStuff gallery and clicking the Help button in the resulting dialog.

Suffice it to say, adding a PayPal shopping cart to your site is just a drag and drop affair.

### **Slide Shows**

The complete documentation for the Flash based Slide Shows is in the Web Studio Documentation. You can view it from the Help menu in Web Studio under “Web Studio Documentation”.

These new slide shows replace the older Java based slide shows. They also reflect feedback from customers relative to the type of slide shows suitable for business websites.

Note that any slide shows on your current site will continue to work. If you want to replace the old with the new, just delete the old one and drag a new one from the CoolStuff gallery.

### **Text Effects**

The complete documentation for the Flash based Text Effects is in the Web Studio Documentation. You can view it from the Help menu in Web Studio under “Web Studio Documentation.”

These new text effects replace the older Java based text effects. They also reflect feedback from customers relative to the type of text effects suitable for business websites. The old “childish” effects are gone.

Note that any text effects on your current site will continue to work. If you want to replace the old with the new, just delete the old one and drag a new one from the CoolStuff gallery.

## Other New Features and Enhancements

- **Size Sensitive Galleries:** The galleries have been enhanced to identify large photos and graphics and to offer the Graphic Resize dialog to enable you to quickly resize graphics added to the galleries. This resizes and resamples the graphics to suit the requirements of the web.
- **Internet Explorer Compatibility:** No more crashing with IE 7.0. No more link problems with IE 7.0. Microsoft came through on this one for all of us. They did a great job of finding their bugs that caused problems in WebStudio and fixed them.
- **Transparent Flash:** All Flash objects will be transparent if they don't have a background color assigned to them.
- **Centering Sites:** Centering of sites is now turned on automatically for all new websites. If you want it for your existing site, go to the Website menu, to Website Properties and check the Centering check box at the bottom.
- **Centering Sites and Macs:** The centering of sites now works correctly on Macintosh browsers. And an addition for those who write code -- the centering DIV now has its own ID. It is "CTRDIV".
- **Buttons are Looking Great:** SP4 removes the little dots that sometimes showed up in buttons. This should work for both old and new buttons. Just re-upload your pages to fix them on your site.
- **Registry Cleaning and Un-Registering or Crashing WebStudio:** Software that "cleans" your computer can go overboard from time to time. We've taken additional precautions to keep these utilities from crashing WebStudio and from un-registering WebStudio.
- **Movies and Video:** Quicktime movies now play better. Windows Media Player now plays movies better.
- **ALT Tags:** ALT tags are used to display text about a graphic. Web Studio now provides ALT tags for all types of graphic content on a site. You can add text describing the content of the graphics by right clicking on the graphic object, choose Properties, click on the Graphic tab and then typing text into the Alternate Text field. The use of this feature can also assist in getting better rankings in search engines. And it also eliminates "errors" with some HTML code valuator.
- **Quickly Hide and Show the Galleries and PageList:** Press ALT-H to hide both the galleries and PageList, both at once. Press ALT-G to quickly show both the galleries and PageList. We chose "G" because it was right next to H, in case you

forget which one shows them. Use this when previewing to quickly see how your site looks with a full screen and to rapidly return your desktop when you're done.

- **Flash Objects Unstuck:** Some Flash objects would end up above the top of the page and therefore become “stuck”. No matter what you did, you couldn't move them down with the mouse. The Flash Object is now quite a bit smarter about such things and won't let it happen.
- **Paste your Objects, Stay Selected:** Objects pasted from one page to another now remain selected on the new page. This helps you manipulate the objects once they are on the new page.
- **Clipboard Clearing:** Clicking on a gallery item used to clear the clipboard. This no longer happens. The symptoms used to be clicking on anything in, or dragging from, a gallery would result in the graphic being on the clipboard, or nothing on the clipboard if a non-graphic item was dragged. This was a pain for adding HTML to the HTML object. Because if you copied the HTML and then dragged the HTML object from the gallery, the HTML you copied was cleared. Now it remains on the clipboard and is pasted, it greatly smoothes these operations.
- **Text Turned To Graphics:** If you added a text object to a page using the Text Gallery and the font you chose was a “red” or “yellow” font, you change the font to something else, but WebStudio would continue to think it had its original “red” or “yellow” font. The result of this was that the text object was always turned into a graphic on the web. The text object is now well aware of where it came from and what it currently has and doesn't convert itself to a graphic unless it should.
- **Page Files:** You can now double click on a Web Studio Page file (.ova) and it will run WebStudio and use that page as the first page in the new site. Or, if you already have a site open, it will add that page to the site.
- **Target Page Size:** the Target Monitor Size from the Website Properties dialog wasn't being saved with the Project. It does now.
- **ASPX Files Supported:** You can use asp.net with WebStudio. The File Type tabs in the Page Properties dialog now let you change the page's file type to ASP.Net (.aspx).
- **HTML Emails:** You won't have any problems if your HTML email page is also your home page in the site. This used to cause some problems.
- **Project File Names Changing:** On occasion, Windows would rename your Project file by eliminating some of the letters and replacing them with a tilda “~”. That won't happen any more.
- **Link Categories Can be Deleted:** User added link categories can be deleted now.

- **iHostStudio Selection is Un-Stuck:** Choosing “Use another host...” from the Webhosting menu would sometimes not work and the setting would remain “stuck” on “Use iHostStudio...”.
- **Inserting Sound and Video:** Choosing “Insert Sound File...” or “Insert Video File...” from the Insert Menu would do nothing sometimes. They always work now.

## Service Pack 3: New Features

### Summary of Major New Features

- Support for Limited Users
- Create HTML Emails
- Center Pages in Browsers
- Center Objects Vertically
- Attach Files to a Website
- Change All File Types in a Site
- Convert Protected Graphics to Normal Graphics
- And more...

### Using Web Studio with Multiple and Limited Users

Web Studio 4.0 has built in support for Windows XP's Limited Users. Limited Users are those users of a computer who do not have the ability to make changes that would harm the computer.

Today, more than eighty percent of computer users in schools and in homes share their computer with other people. When multiple users share a Windows computer, multiple accounts can be created where each user logs in with his or her own account to access the computer. Normally, these user accounts are *Limited User* accounts that do not have complete control over the system. Administrator accounts typically have total and unrestricted access to every part of the computer. This can effect how Web Studio and other applications access file and registry information.

Administrators of the system use highly privileged *Administrator* accounts through which they are allowed to make significant changes to the system itself, such as installing and removing key software components. And *Limited Users* have accounts that grant them the ability to run many programs on the system, but are restricted from making deep changes.

Windows XP calls these non-administrative accounts *Limited*. Limited User accounts are used in schools, business, and homes. It keeps the kids (and employees) from "messing around" with the system and "breaking" it.

### How to Add a Limited User

Limited users are added to the computer via the *Users Account* Control Panel. To add a Limited User:

- Click on the Start menu in Windows XP;
- Choose Control Panels from the Start menu;
- Double click on the User Accounts icon in the Control Panels window;

- Click Create a New Account in the User Accounts window;
- Type in a name for the new user account;
- Click the Next button;
- Choose an account type by clicking in the Computer Administrator or Limited radio buttons. To create a Limited User account, click the Limited radio button;
- Click Create Account.

The newly created account will be displayed in the opening Windows screen. Click on the user's icon to log onto the computer with that account.

### **Initially Running Web Studio as a Limited User**

The first time you run Web Studio as a limited user, the program will create a new Web Studio account for you. This may take some time. What it is doing is copying files from the Administrator's Web Studio and placing them in your account. You don't need to worry about what is happening or what files are being copied. Web Studio knows what to do, and what files to let you modify. Just wait for it to complete and the program will start.

### **Limited User Restrictions**

Web Studio 4.0 Service Pack 3 supports Limited Users. Here is a list of the differences and restrictions a Limited User account has with Web Studio.

- They cannot add, delete or otherwise modify content in the *Backgrounds, Buttons, Dividers, Signs, Clipart, Photos* or *Templates* galleries.
- They *can* add, delete and modify content in the *MultiMedia, Links, and MyStuff* galleries.
- They cannot install content using the *Insert Menu's Insert Content from WebStudio.com* command.
- They cannot save or open Project documents or other files unless they are in their *MyDocuments* folder or in the computer's *Shared Folder*.
- The *Add This Page to Templates Gallery* command in the *PageList* menu is disabled.
- The Gallery's right click menu is not available for the *Backgrounds, Buttons, Dividers, Signs, Clipart, Photos* or *Templates* galleries.
- Each Limited user has his own unique *MultiMedia, Links, and MyStuff* galleries that are not available to any other user.

- Each Limited User shares the *Backgrounds, Buttons, Dividers, Signs, Clipart, Photos* or *Templates* galleries as set up by the computer's Administrator.
- Each Limited User has his own unique *User Dictionary* for use with the *Spell Checker* command in the *Format* menu.

### **Administrator Actions with Web Studio 4.0 Service Pack 3**

Any user with an Administrator account can act as the Administrator with Web Studio. Here are the things specific to Web Studio that the Administrator can do:

- The Administrator can install, modify, repair, and uninstall Web Studio and Web Studio Upgrades.
- He can add, delete or otherwise modify content in the *Backgrounds, Buttons, Signs, Clipart, Photos* or *Templates* galleries. These changes will be seen and be available to all users of Web Studio on the computer including both Limited and Administrator users.
- The Administrator can add or delete Templates to the Templates Gallery.
- In short, the Administrator can do all of the things that the Limited user cannot do, as previously described.

### **Creating HTML Emails with Web Studio 4.0**

Everyone has seen HTML emails. The monthly Web Studio Newsletter is an HTML email. Most emails that are advertisements are sent as HTML email. Sending email as an HTML email enables you to design a visually appealing email instead of just a bunch of boring text.

#### **How Do I Create an HTML Email**

To create one you simply design a web page in Web Studio and then choose the Save Page as HTML Email from the Page menu. The page you create becomes the email, simple!

#### **What can I put in an HTML Email**

You can add anything you want to an HTML Email you create with Web Studio. You can add text, links, graphics, movies, music, Flash, downloadable files, rollover buttons, anything!

## **What Restrictions do HTML Emails Have**

The only restriction is that an HTML Email has to be one page. However, there are some practical restrictions, like the width of the page and the size of all the files.

The reason the page width is a “restriction” is because most emails are viewed at the default width of the email program used to view it in. Open an email in your email program and see how wide it is. You can also look at the Web Studio Newsletters, their width is around 760 pixels. We do this to keep it smaller than an 800 pixel wide monitor.

The reason the size of the files matters, is that the person who receives the email will have to wait for all of the files to download from your website. So, treat the emails the same as you would your website’s pages, keep them below 100k. Note that you can check the combined size of the files by choosing Size & Download Time from the Page Properties dialog in the Page menu.

## **What Can I Use HTML Emails For**

You can use them to “spruce” up your normal emails. You can use them as advertisements. You can create a monthly newsletter. You can use them to quickly send pictures of the kids to relatives. You can use them to quickly send pictures and descriptions of your products to customers. You can use existing pages on your website as HTML Emails by simply saving a page from your site as an HTML Email and then sending it to whomever.

## **How do I Create an HTML Email in Web Studio**

First you should have an idea of what Web Studio does to create the HTML Email for you. First, the HTML Email is nothing more than a webpage that is sent via email. When you create your website with Web Studio, you have to Upload it to your hosting company for people to see it on the web. You also have to upload the HTML Email’s files to your hosting company. The big difference between your site and the email is that you don’t send the actual HTML files to the hosting company, just the other files; like graphics, MP3 files, videos, etc. The HTML file doesn’t need to be uploaded. Why? Because you are sending the HTML directly to the email recipient!

What all of this means is that it is a multi-step process to create your HTML Email in Web Studio. However, you will see these steps are baby-steps, not giant-steps.

## **Here are the steps to create your HTML Email**

- Create a page in Web Studio, add whatever you want to it.
- Choose Save Page as an HTML Email from the Page menu.
- Enter the complete URL to your home page.

- Save the HTML file to your hard drive. This file is the one you actually use in your email.
- Upload your page to your site.
- Open the HTML file and add the contents to your email program.
- Send the email.

Web Studio automates every step except adding the HTML to your email.

- Once you choose *Save Page as an HTML Email* you'll be prompted by Web Studio for the URL to your website. This is what you'd type to get to your home page. For us, it would be <http://www.webstudio.com>
- You next be prompted to enter the location to save the HTML file, just put it in a folder in your MyDocuments folder.
- It will then bring up the Web Studio or iHostStudio Publisher wizard to upload your page. Just upload it as normal.
- That is the end of creating the email.
- Now you just open the file you saved in Notepad and copy and paste the HTML into your email, or you follow your email programs' instructions for creating an HTML email.

For our monthly Newsletter:

- We just create the new newsletter;
- choose *Save Page as an HTML Email*;
- Enter <http://www.webstudio.com>;
- Enter the name for the HTML file, usually something like Vol4No2;
- Click Upload in the Web Studio Publisher;
- Then go to our bulk-email program and tell it to use the Vol4No2 file as the mail.
- Then we press the Send button.

### **Some Hints on Using the Save Page as HTML Email Feature**

Create one project that you keep all of your newsletters in. You name the project "Newsletters" and then create your first newsletter as the first page of the project. Once you've completed it, save it as an HTML Email and send it out.

Next time you need to create a newsletter, just open the project and duplicate the first page. Edit this new page to create your new newsletter. Rename the page and then save it as an HTML Email. This way you have all of your newsletters in one project, have immediate access to them for editing, simplify the creation of new ones via the duplicate command.

Use existing pages in your web site to send to customers as an email. Just open your website's project file, go to the page you want to send to the customer and save it as an HTML Email.

Create a project that has the answers to various frequently asked customer support questions. Remember, you can add multimedia to your emails now, so you can create movies, animations, flash animations to illustrate the answer to the question.

If you re-use a page as an HTML Email, as suggested above, you may not have to re-upload every time you send it out as an email, just click Cancel when the WebStudio or iHostStudio Publisher wizards appear. The reason you don't have to upload is because you already did, the last time you sent it. You can make changes to text and the location of objects and not have to re-upload. Note, however, that if you make any changes like bring to front or send to back, or add additional objects to the page you should definitely re-upload the page, if you don't it won't look right as an email.

Send the email you've created to yourself to check it to make sure it is the way you want it. You should do this every time you create an HTML Email!

## Centering Your Pages in Browsers

Many people have asked for a way to center their pages in the browser, no matter what size the browser window is. This is because a site designed to fit in a smaller window would have the site's pages on the left side of the browser with blank space on the right side. Turning on this feature will center the pages in the website in the browser window. Note that this sites that use Frames will not be centered.

### To center the pages of your site:

- Choose *Website Properties* from the *Web Site* menu.
- Click the *Advanced Tab* in the dialog.
- Click the *Center Pages in Browser* check box to put a check in the box.
- Click *OK*.
- Choose *Preview Website* from the *Preview* menu to view your pages centered in the Preview window's browser.

## Centering Objects Vertically

Studio has been able to center objects horizontally for quite a while. It can now center them vertically. This comes in handy, for example, when you want to center a graphic and some text that are beside each other.

- To center objects vertically:
- Select the first object as the basis for the centering;
- Select another object by holding down the shift key and clicking on it;
- Select any additional objects in the same fashion.

- Choose Center Selected Objects Vertically from the Objects menu or Click the Center Selected Objects Vertically button in the Layout Toolbar.

The Objects will center themselves relative to the first object selected.

## Attaching Files to a Website

Web Studio can now automatically upload any file(s) you want along with your website. This comes in handy when you are using other programs with Web Studio, for example a pop up menu program. These programs typically require you to upload some number of JavaScript files and other files in order for the menus to work. Previously, you would have to upload these files via a separate FTP program, or add them to an HTML object on a page and then link the menus to that page. This made for a cumbersome and confusing task of adding the menus.

With Service Pack 3, you can simply go to the *Website Properties* dialog, in the *Website* menu, click on the *Attached Files* tab and add any files you need. The files will be uploaded when you upload your site or a page. They will be uploaded in the same location (or folder) as the HTML files in your site.

## Attaching Files to a Website

- To attach files to a website:
- Choose *Website Properties* from the *Website* menu.
- Click on the *Attached Files* tab.
- Click on the *Add Files to List* button, the *Windows Open* dialog comes up.
- Choose the files to be added to the website. You can hold down the *Shift* key to select multiple files or hold down the *CTRL* key to select multiple files that are dis-continuous.
- Press *Open* when the files have been selected.
- You can attach additional files from other locations by repeating this procedure.
- You can *Delete* any attached files by selecting them in the *Attach Files* tab and clicking the *Delete* button. Note that this does not delete the actual file, it just removes it from the lists of attached files for this website.
- You can use the *Verify* button to have Web Studio check to see if the attached files are still available in the same location on your computer.

## Linking to Attached Files from within Web Studio or other programs

Any files attached to a site are uploaded into the site folder along with all of the site's HTML files. This means any links to an attached file can simply be the file's name. For example, if a file were named "Menus.js", any HTML or Javascript or Link that referenced that file would simply use "Menus.js" as the link. Simple!

## Changing File Types for All Files in a Site

Web Studio 4.0 added the ability to specify what file type you wanted to build on a page-by-page basis. This feature enables you to change every page's file type for both "on the web" and for "preview".

**To change the type of files for all pages:**

- Go to the Web Site menu;
- Choose Website Properties;
- Click on the File Types tab;
- Choose the file type for Pages on the Web from the popup menu.
- Choose the file type for pages that are Previewed from the popup menu.
- Click OK.

Web Studio will then go through your pages and change their file types.

**Converting Protected Graphics to Normal Graphics**

Sometimes it is desirable to convert a Protected Graphic object to a normal graphic. Service Pack 3 adds a “hot-key” feature that will do this for you. You can convert a single protected graphic or a series of protected graphics all at once.

**Converting a Protected Graphic to a Normal Graphic**

- Click on the Protected Graphic to be converted.
- Press and hold down the “g” key on the keyboard.
- Click on the Protected Graphic to be converted.

A new, normal, graphic will be created and placed on the page to the right and below the original protected graphic.

If you wish to delete the original protected graphic, press the Delete key or choose Clear from the Edit menu.

**Converting a series of Protected Graphics to Normal Graphics**

- first Protected Graphic to be converted.
- Press and hold down the Shift key and click on the remaining graphics to be converted while holding down the Shift key.
- Once all of the graphics have been selected, release the Shift key.
- Press and hold down the “g” key on the keyboard.
- Click on any of the Protected Graphics to be changed.

A new, normal, graphic will be created and placed on the page to the right and below each of the original protected graphics.

If you wish to delete the original protected graphics, press the Delete key or choose Clear from the Edit menu.

**Converting all of the Protected Graphics on a Page to Normal Graphics**

- Choose Select All from the Edit menu.
- Press and hold down the “g” key on the keyboard.
- Click on any of the Protected Graphics to be converted.

A new, normal, graphic will be created and placed on the page to the right and below each of the original protected graphics.

If you wish to delete the original protected graphics, press the Delete key or choose Clear from the Edit menu.

## Other New Features and Enhancements

- **Help with Lost Project Files:** When Web Studio can’t find the Project file you are attempting to open, it will give an error dialog telling the name of the file, its last known location, and steps to take to locate the file.
- **Previewed Pages use .HTML:** For new pages, the default file type for Previewed pages is now .html instead of .htm.
- **Moving Text in Netscape:** The Netscape Text Fix has been removed from the Website Properties dialog’s Advanced Tab. It is no longer necessary since Web Studio now adds appropriate HTML to solve the problem automatically. This fix keeps text from moving in the Netscape family of browsers. These include Netscape Navigator, FireFox, Mozilla.
- **Non-WebSafe Fonts Turned to Graphics:** For new websites, text objects containing fonts that are color-coded yellow are converted to graphics by default. This can be changed in the *Website Properties* dialog’s *Advanced Tab*, and existing websites can be set to do this the same way.
- **Enhanced Video Choice Dialog:** The *Video Choice* dialog disables some properties that aren’t available with Quicktime movies.
- **Page Guide Settings Saved:** The on/off status of *Page Guides* is saved with the Project and with pages now.
- **Page Design Size Saved:** The *Page Design Size* is now saved with the Project.
- **Home Page Name Help:** Pages cannot be named “index.html” or “index.htm” or “index” anymore. To designate which page’s HTML file should be named “index”, place the House Icon next to your home page’s name in the *PageList*. Do this by right clicking on the page’s name in the *PageList* and choosing *HomePage*. Note that if your existing site has a home page named “index”, it will not be affected by these changes. Only pages that you attempt to rename will be subject to the new rules. If yours is named “index” you should rename it with a name that reflects your websites function, like your company name or product name.

- **Illegal Characters in Page Names Excluded:** You cannot enter a period, a single quote or a double quote in a page name now. This would cause problems with links and javascript. Note that your existing site will not be affected by these changes. Only pages that you attempt to rename will be subject to the new rules.
- **Enhanced HTML Object:** The HTML object now remembers its “Build with/without Tags” option settings.
- **Time Zone Change:** The HTML Source of your site’s pages will show the file’s creation time as Pacific Standard Time. This is to help tech support.
- **Help Changing Home Pages:** A dialog is displayed asking for confirmation when you choose to change your Home Page.
- **Add Anchor to Object Enhancement:** The Program Preferences dialog in the Edit menu now contains a check box to add the “Add Anchor to Object” command to the Links gallery. Some Windows systems delete the first item in the gallery, this preference forces Windows to put it there. If you already have “Add Anchor to Object” in the Links gallery, leave this unchecked.
- **Protected Graphics Enhancement:** The “Place holder” graphic is now being resampled to makes its memory requirements minimal.
- The **Title Tag** in a page’s HTML is now the first tag in the HTML.
- **Spelling checker** in the Format menu works fine.
- The **Download Time/Size** page in the Page Properties dialog gives accurate results again.
- **Saving a Project** with the Preview window open doesn’t delete text.
- **Adding templates** to the Templates gallery works.
- **Real Video** and **Quicktime** Video work better now.
- The colors of Text Links weren’t displayed in Firefox, Mozilla, or Netscape. They are now.
- A **text object** with the text [file:///](#) in it won’t cause problems now.
- Objects that had a **zero height or width** could cause a “failure to build image table error”. Web Studio now deletes these objects when a page is opened.
- On occasion, the formatting of text would be “lost” when previewed or uploaded. Formatting isn’t lost anymore.

- Multimedia files, except for Flash files, were getting uploaded twice. Now they get uploaded only once.
- Protected Graphics that were moved and then located again during a Preview This Page had their new locations remembered. However, if they were located during a Preview Web Site, their new locations were not remembered. Now they are.

## **Service Pack 2: New Features**

### **The Button Studio and Editable Text in All Buttons**

Greatly simplify your site creation with editable text in buttons, any button. Any non-rollover button dragged from the Button gallery now brings up the Button Studio dialog. This dialog enables you to add editable text to your buttons. You can also change the font, style, size, and color of the text.

Once a button is on your page, just double clicking on it enables you to change the text or its font, style, size or color.

Once a button is on your page, simply copy and paste it to create all the buttons you need for your page. Then double click on them to change their names to suit your needs.

#### **To use the Button Studio:**

Drag any graphic button from the Button Gallery and the Button Studio dialog will pop up asking you to enter the text to be used on the button. This dialog is similar to the Rollover Studio dialog. It lets you enter text; change its font, size, color, style; enables adding the flat, chiseled, raised text styles as well.. It also has a preview of the button.

Enter your text, choose a font, style, size, and color if desired. Click the OK button and the resulting button is placed on the page.

To edit the button's text or its font, style, size of color, simply double click on it and the Button Studio will come up so you can change any of the properties of the button's text.

To create a suite of buttons for you page or site, just create the first one and then copy and paste as many others as you need. Then double click on each and change the button's text to whatever you need.

The Button Studio is a long-over-due addition to Web Studio and will make it much easier for people to create their buttons, add whatever text they need for them, and add links to them. Gone are the days of adding a button to a page, creating a text object and adding the button's text, drag it on top of the button, add a link to the text. And then, realizing (or in most cases not realizing) that the link is on the text but not on the button!

-----

## **HyperStudio Stack Compatibility**

HyperStudio is, it is the #1 best selling educational software of all time. It enables students, and anyone, to create "stacks" that are basically pages with multi-media content on them. If you've heard of SuperCard or HyperCard, they are the forerunners of HyperStudio .

Web Studio is now the only web authoring program that has drag and drop (or any) support for HyperStudio. Web Studio support for HyperStudio is one of the most requested features from educators around the world!

### **To add a HyperStudio Stack to a page:**

You add a HyperStudio Stack (file extension is .stk) by dragging and dropping in onto a page, or by choosing *Insert>HyperStudio Stack from File*.

With either of these methods, the stack file will be opened, its dimensions and other significant properties will be read by WebStudio and the HyperStudio object will be placed on the page.

### **To view sites with HyperStudio Stacks:**

HyperStudio has a browser plug-in that must be in the computer of the person viewing the page, otherwise you get an error message. The Plug-In is available at the HyperStudio website, [www.hyperstudio.com](http://www.hyperstudio.com).

When you Preview a page or site that contains a HyperStudio stack, the preview will take place in your default browser, not in the Web Studio Preview window. This is because the HyperStudio Plug-In has a bug that crashes it if it is viewed in a browser embedded in another program.

For more information about HyperStudio, go to <http://www.hyperstudio.com>.

## **The Add/Edit Links dialog**

The Add/Edit Links dialog from Web Studio 4.0 SP1 has been replaced with a new hot-rod version.

It is a tabbed dialog containing two tabs: Links and Anchor.

The Links tab enables you to add new links to an object or selection of text as well as edit existing links in objects or text. You can add any of the available types of links with this dialog: Site links, Anchors, URLs, Downloads.

### **To use the Add/Edit Link dialog:**

To activate the Add/Edit Links dialog, right click on an object or on a selection of text.

If there is a link already in the object or selection, it will display all of the links properties in the dialog. If there is no link, each field in the dialog will be blank.

You can enter the Title for the link; enter an optional description; choose to have the link open in a new window; or remove the link.

In addition, you can create a “normal” link, defined as a URL to an external http site, ftp, mailto, etc. Or you can create a “download” link, where the link, when clicked, downloads a file or displays the contents of the file. Or you can create a “site link” to another page. Or you can create an “anchor” link that will, when clicked, take you to a previously defined anchor.

### **To create an Email link:**

In the URL field, enter [mailto:](mailto:support@webstudio.com) and then the complete email address. For example, <mailto:support@webstudio.com> will result in an email coming up when someone clicked on the link.

### **To create an FTP link:**

In the URL field, enter [ftp://](ftp://microsoft.com/myfile.doc) and then the address of the ftp site. For example, <ftp://microsoft.com/myfile.doc> would result in the file “myfile.doc” being downloaded from the Microsoft site when clicked on.

### **The Anchor Tab:**

The Anchor tab is another new addition to Web Studio. This tab tells you if you have an anchor on the object or selection. This would be the anchor you created when you dragged the “Add anchor to object” item from the Site Links list of the Links gallery. The anchor displayed here is not editable it is for informational purposes only.

In previous versions you couldn't tell if an object or text had an anchor, or what the anchor was.

In summary, the new Add/Edit Link dialog makes it much easier, and smoother to add links directly to your objects and text. The “old way” of entering them in the MyLinks list (or user defined categories) is still there for creating links. The MyLinks method is very convenient and the preferred method when a link is to be used on multiple objects or on multiple pages.

## **Self-Healing Project Files**

Computers certainly aren't perfect and a result of that is the dreaded corrupted file.

Web Studio SP2 now has the ability to detect a corruption in one of its Project files and "heal" it while it is being opened.

If a corrupted graphic is detected, an error dialog will appear notifying you that it was found. The corrupted graphic will then be replaced on the page being read with a gray place holder graphic. The error dialog tells you what page the corrupt graphic was on.

If a page is somehow corrupted, Web Studio will read as much of the page as it can and then give a similar error message.

In all cases, the Project file will be opened and no "out of memory" errors, "unexpected format errors" or others will occur.

There are some corruptions that WebStudio won't be able to "heal"...those from serious hard disk corruption or other nasty physical problems.

## **Other New Features and Enhancements**

### **Drag and Drop any file to make a Downloadable File Link**

You can now add *any* file as a download by pressing the "CTRL" key when dragging the file on to a page or an object. This allows creating Download links for files WebStudio knows how to open, like graphics, HTML, Word files, etc.

### **Simplify Uploading if you use another FTP program**

The contents of Preview folder do not get deleted when you Preview a page now. This enables you to Preview just the pages you wish to upload and then simply upload the previewed pages and their folders from the Preview folder all at once.

### **The Clipboard is no longer cleared when WS starts.**

Web Studio 4.0 had a nasty habit of clearing the Windows clipboard when it started. It now leaves the contents of the clipboard alone when it starts up.

### **Change Transparency and Colors Rapidly**

This "hot-key" combination enables you to quickly change the color depth and transparency of a selected graphic or graphics. Press and hold the Shift key and then the "2" key. The selected graphics will be converted to 256 colors, their transparency

color will be set to white, and transparency will be turned on. This is handy when you are inserting or dragging in lots of graphics files and want to change them all quickly.

### **No More Lost Files when Building Your Site**

During Upload and Preview if a file is not found, a dialog will offer the following options: Cancel, Browse to find the file, Ignore the file, Ignore all missing files.

### **Easily Use the Web Studio Template Gallery**

Template Gallery link added to the Help Menu to enable you to view and download templates from the Webstudio.com website. The downloaded templates are added to your site with the *Page>OpenPage* menu command.

### **No More Corrupted MyLinks files**

Links in MyLinks and other user created categories will “self-heal” if they are corrupted.

## **Fixed Bugs**

**Text doesn't move down in Netscape:** there is now a setting in the Website>Properties>Advanced page that lets you turn on/off the “fix” for Netscape moving text down the page. For sites you've already “adjusted” for this Netscape problem, leave the setting “off”. With a site that has the problem, or for new sites, turn the setting “on”.

**Thin Graphics moving down the page:** Graphics with heights < 16 pixels are moved down the page in Preview and on the web. There is a new setting in the Website>Properties>Advanced page that lets you turn on/off the fix for thin graphics. For sites you've already “adjusted” for this problem, leave the setting “off”. With a site that has the problem, or for new sites, turn the setting “on”.

**Changing Text Color Changes Size and Font:** Change Color of text could reset the text's size and font to default font and size. It now respects the original font and size when you change text colors.

**Text Background Colors Not Showing:** Text not displaying specified background colors in Preview and on the web. The colors are now displayed correctly.

**Changing Text Color Didn't Work:** Attempting to changing the color of text characters that were selected didn't work Changing text color works for both selected text objects and selections of text now.

**White Text Disappears:** Changing text color to white could make the text disappear. It now uses an off-white color to make it show up on dark backgrounds.

**Text Objects Get Narrower:** When opening a Project, text objects could get narrower. Text objects retain their width when opened now.

**Text Objects Get Deeper:** When opening a Project, text objects could get deeper. Text objects retain their depth when opened now.

**Fully Justify Button Doesn't Work:** Full Justify button didn't work on occasion. It now works in all cases.

**Can't Justify Text:** If text justification was modified when the text itself was selected, it couldn't be justified any more. Text can be justified no matter what, now.

**Text Objects not Turning Into Graphics:** Text with yellow or red fonts didn't turn into graphic objects all the time. They do now.

**Graphic Text Objects Losing Links:** Text objects lost their links when turned in to graphics. They retain their links now.

**Add/Edit Links Menu Item:** Add/Edit Links menu item was enabled when objects that couldn't have links were selected, like Flash. The menu item is enabled at the correct times now.

**Download Links not Uploading Files:** Text Objects with Download links that are turned into graphics didn't upload their files. Download links upload their files correctly now.

**Sounds in Text Objects not Working:** Text Objects with Sound linked to text may not have operated correctly. They operate correctly now.

**Crash with Overlapping Text Objects:** Text objects with links overlapping other objects when the Use Tables html option is on could crash during Preview (may take as many as 10 previews to crash it). The crash no longer occurs.

**Overlapping Objects Lose Links:** Objects that overlapped with the Build With Tables option turned on would lose their links in Preview and on the web.

**Download Links Not Working:** Download links didn't work correctly at times if not applied to an object (dropped on the background). The work correctly now when on the background.

**Previous Version's Links being Lost:** Conversion of WS 1.0, 2.0,3.0 documents deleted various links. Links on some graphics objects were getting discarded when the doc was opened. All links are preserved during conversion now.

**Text Object Border Drawing:** The Text Object drew the “empty” rectangle when there was 0 or 1 character in it. Now it only draws if there is 0 characters.

**Paste In Place Command:** CTRL-ALT-V will now do a Paste In Place, used to do just a Paste.

**Save As Command:** Pressing F12 will bring up the Save As dialog to enable initially saving the project, or saving an existing project with a different name or to a different location.

**Losing Links with Page Name Change:** Changing the name of a page resulted in the old name being used in page links.

**Page Objects Moving:** Opening Page files (.ova) could cause some objects on the page to move.

**Nudging Too Far:** It was possible to nudge objects above the page and to the left of the page with the arrow keys. This could cause objects to not appear in Preview and on the web.

**Squished Text in Rollover Buttons:** Rollover button's text was “squished” if the graphic it was made from was resized by not resampled. It is now displayed correctly.

**Cropping:** Cropping would have a refresh problem if you let go of the “C” key prior to releasing the mouse button. The cropping-rectangle would also be “connected to the mouse until you clicked on the page somewhere.

**Percent Signs in File Names:** File names that contained % signs caused problem in Preview and on the web. The % sign is now restricted from the 4.0 file name rules, it already was restricted in the 3.0 file name rules. Note that you *can* use % in the name of your page.

**Animated GIFs in Slide Shows:** Slide show causes an error if one attempts to add an Animated GIF to the slide show. A warning is displayed now if an Animated GIF is added to a slide show and the Animation is not added to slide show.

**Welcome Dialog Spelling:** Spelling in the Welcome dialog corrected.

**AutoBackup Feature not Working:** Saving project with AutoBackup feature failed if the folder didn't exist, it now creates the folder if required.

**Page Commands Not Working:** Page related commands in the Page Menu didn't work if the PageList wasn't visible. The appropriate commands work now with the PageList visible or not.

**Rollover Button's Text Color:** Text color in Rollover buttons wasn't always what was chosen. It is now.

**Misleading Error Dialog:** Deleting a user-created folder in a gallery popped up a dialog that implied the deleted files could be re-downloaded from the Webstudio.com website. The text has been corrected.

**Animated Rollover Buttons:** The Animate button in the Rollover studio dialog seemed to, at times, have no effect on the button. It does now.

**Status Bar Flash Help:** The status bar help was incorrect when a Flash object was selected. It has been corrected.

**Quicktime Videos Not Working:** Quicktime files weren't supported correctly in the Insert>Video file function. They play correctly now.

**Sound File Types:** The sound types supported in the Insert menu were different than in the Multimedia gallery. They are the same now.

**Sound Dialog Arrows:** The arrows to adjust the number of times a file is played in the Add/Edit Sound dialog worked in reverse. It now works properly.

**Status Bar Help for Text:** Status bar help for selected text objects was cut off. The text has been corrected.

**Menu Names:** Some menu names were not consistent in their spelling. The names have been corrected.

## **Web Studio 4.0 Service Pack 1**

**The information about Service Pack 1 is included here to ensure all of the changes to 4.0 are communicated with Service Pack 2.**

Service Pack 1 is included in Service Pack 2. When you download and install Service Pack 2 you are also installing Service Pack 1.

If you've already installed Service Pack 1, installing Service Pack 2 will not cause any problems. The two are compatible with each other.

### **New and Enhanced Features**

## **Text Anchors**

Anchors can now be added to selections of text.

All previous Web Studio versions allowed anchors to be added only to objects. With the new functionality, you can select text in a text object and add an anchor to it, just like you would add a link, or a text style. The result is that you can now use anchors in text to allow visitors to your site to click on buttons or other links that will scroll the web page to a specific location on the page. For example, you could create a table of contents for a page with links that pointed to each major section of the text on the page. The old type of anchor only allowed you to scroll to the top of an object, not to specific locations in it. Note links to Text Anchors can be used to take a visitor from one page to another in addition to a different location on the page the Text Anchor is located.

### **To use the new Text Anchor feature:**

Select the text that is to be the anchor,

Go to the Links gallery and drag the Add Anchor to Object item onto the selected text. The Anchor Dialog comes up.

Enter a unique name for the anchor, and a description if you wish. The description will show up as a pop-up when a visitor's mouse moves over any links to the anchor.

Click OK. The anchor is immediately applied to the text, and a new Link is added to the Site Links list in the Links gallery.

### **To create a link to a Text Anchor**

Create an anchor in text as described previously.

Drag the Link with the Anchor's name from the Site Links List onto a button or other graphic or to a selection of text and drop it.

The link to the Text Anchor is immediately applied.

### **To delete a Text Anchor from the Site Links list**

Right click on the Anchor's name in the Site Links list. The SiteLinks menu pops up.

Choose Delete from the menu and the Anchor is deleted.

Note that any Text Anchors that already exist in your site will not be deleted and will remain fully functional.

## **Enhanced Features**

### **Site Links do not show a Pop-Up Description when moused-over.**

Links to pages on your site that are added from the Site Links list in the Links Gallery will not show a Pop-Up with the name of the Page. Previously it did and was considered redundant to show a Pop-Up when the mouse was over the text or button with the same name. For example, if the button with the link was named "Home", and the link was to the page named "Home", a Pop-Up with "Home" in it would popup right next to the button named "Home."

### **MultiMedia Recognizes MPEG**

The MultiMedia's Video list will recognize MPG files that have the .mpeg file extension. Previously, MPG files with the .mpg file extension were the only ones recognized.

### **Link Gallery Enhanced Feature**

If you add a new Link Category to the Link Gallery that has the name of an existing category you will get an error message. Previously the new category would not get added, and with no explanation.

### **Add/Edit Link Enhanced Feature**

This feature of the Right Click menu is disabled if you are right clicking on a text object. To add or edit links in a text object, select the text with the link first and then right click on the selection and choose Add/Edit Link from the resulting menu.

### **Fixes**

#### **Spell Checker Fix**

Some very early versions of Web Studio 4.0 did not include the spell checker dictionaries. They are automatically installed with SP-1.

#### **Background Colors in Text Fix**

Background colors added to text objects would not work in certain cases. In addition, making a text object's background transparent wouldn't work if it already had one. Also, when you change a background color in a text object, it will take effect immediately.

#### **Locked Text Object Fix**

Text Objects that were locked using the Object Properties dialog, could cause problems when the Project they were in was opened. It was also possible to corrupt Project files this way.

#### **MyLinks Fix**

Under certain conditions, links added to the MyLinks list, via the Add/Edit Link dialog, and added to user added lists would link to a folder on your computer.

#### **Anchors Fix**

Under certain conditions, anchors that were created in previous versions of Web Studio would be deleted or otherwise corrupted when opened in Web Studio 4.0.

#### **Add/Edit Links Fix**

Right Clicking on an object or a selection of text and choosing Add/Edit Link could delete an existing link if Cancel was pressed in the Add/Edit Link dialog. Once Cancel was pressed, the link's data was deleted and resulted in a blank link. This was also a possible source of Project file corruption.