



Ektron

eBusiness the way it should be



Ektron® eWebWP Developer's Reference Guide

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Ektron® Inc.
5 Northern Blvd., Suite 6
Amherst, NH 03031
Tel: +1 603-594-0249
Fax: +1 603-594-0258
Email: sales@ektron.com
<http://www.ektron.com>

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Customizing eWebWP

This chapter explains the following features that allow you to customize **eWebWP**.

- [Input/output mode](#)
- [Internal/external filtering](#)
- [XHTML filtering](#)
- [Disabling the image, hyperlink, and remove hyperlink icons](#)
- [Customizing the Save icon](#)
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- [Implementing eWebWP as a Popup Editor](#)

Input/Output Mode

eWebWP has various modes for getting content in and out of the editor. The mode is passed in the `FlashVars` line of the object or page's embed tag. The mode is a three character mnemonic, for example:

```
<param name="FlashVars" value="mode=SGN">
```

| Character position | Describes | Possible values |
|--------------------|---|---|
| First | How content is put into editor | F - FlashVar input of content S - editor's Set method X - remote XML input (currently not implemented) |
| Second | How content is passed out of the editor | S - editor calls a flash method named <code>instancename_flashsave</code> G - the editor's Get method X - remote XML input (currently not implemented) |
| Third | Whether a "Ready Event" must be raised to the JavaScript. This is necessary for certain browser versions. | R - Raise ready event N - Do not raise ready event |

Internal/External Filtering

Filtering is performed when content is inserted into and extracted from the editor. **eWebWP** uses the Flash TextFormat object, which has an internal, HTML-based format that is not true HTML. For this reason, content must be converted between the two versions of HTML.

NOTE The TextFormat object discards tags that it does not understand.

The filtering can take place within or outside the editor. As a standalone application, filtering is done *internally*.

If the JavaScript API is implemented, the default filtering is *external*.

NOTE You can enhance performance by filtering content externally within the JavaScript API script pages.

If you want to change the default filtering mode, use the "FlashVars" line of the object or place one of these statements before the **eWebWP** create statement.

```
eWebWP.parameters.filtering = "I";
```

or

```
eWebWP.parameters.filtering = "E";
```

XHTML Filtering




Ektron **eWebWP** can output either HTML or XHTML content. The default value is HTML.

To output XHTML content, place the following statement before the **eWebWP** create statement.

```
eWebWP.parameters.asXHTML = true;
```

As you can see, XHTML content is produced when `asXHTML` is set to `true`.

Disabling Icons

You can customize **eWebWP**'s toolbar by disabling the image () , hyperlink () , and remove hyperlink () buttons.

To disable one or more icons, include the following JavaScript statement *after* the `ewebwp.js` include statement and *before* the editor create statement.

```
eWebWP.parameters.disableIcons = "icons being disabled";
```

For example:

```
eWebWP.parameters.disableIcons = "image,hyperlink,removelink";
```

Here is a complete example in which the image and remove hyperlink buttons are disabled.

```
// ewebwp.js include statement
<script language="JavaScript1.2" src="ewebwp.js"></script>
```





```

...
<script language="JavaScript1.2" type="text/javascript">
<!--
    eWebWP.parameters.disableIcons = "image,removelink";
    // editor create statement
    eWebWP.create("MyContent1", 550, 400);
    //-->
</script>

```

Customizing the Save Icon

Ektron **eWebWP** has three icons that can appear on the button that a user clicks to submit editor content. For example, if you are using the editor for web mail, you can display a "send" icon on the button.

| Icon name | Image |
|-----------|---|
| extract |  |
| get |  |
| send |  |
| save |  |

NOTE The tool tip text is the same, regardless of the image.

The default icon is "save" (illustrated above). To use a different icon, place the following JavaScript before the **eWebWP** create statement: `eWebWP.parameters.customSaveIcon = "icon name";`

For example,

```

<script language="JavaScript1.2" type="text/javascript">
    eWebWP.parameters.customSaveIcon = "get";
    eWebWP.create("MyContent1", 550, 400);
</script>

```


Custom Onsubmit Function

You can customize the onsubmit function that is used to save editor content. All editors have an instance onsubmit function named [editor's name]_onsubmit(). For example, if the editor's name is MyContent1, its onsubmit function is MyContent1_onsubmit().

To overwrite the function, create a customized JavaScript onsubmit function after the **eWebWP** create statement.

By default, the editor onsubmit returns `true` when a form is submitted.

For example:

```
<input type="hidden" name="MyContent1" value="">

<script language="JavaScript1.2" type="text/javascript">
<!--
    //eWebWP create statement
    eWebWP.create("MyContent1", 550, 400);
    // customized onsubmit function
    function MyContent1_onsubmit()
    {
        alert("form submits now");
        return true;
    }
//-->
</script>
```

Presetting Font Attributes

A font tag is determined by three attributes: face, size and color. **eWebWP** lets you set preset values for these attributes. If you preset some attribute values but not others, the attributes without presets use the system presets, listed below.

| Font attribute | System preset value |
|----------------|---------------------|
| face | Arial,Helvetica |
| size | 8 point |

| Font attribute | System preset value |
|----------------|---------------------|
| color | black |

IMPORTANT! If you preset one or more font attributes, the font face, size, and color drop-down lists are disabled within the editor.

Setting a Default Font Face

To preset a font face, decide which of these you want to use:

- Arial,Helvetica
- Charcoal,Arial Black
- Comic Sans MS
- Courier New,Courier
- Geneva,Arial
- Impact,Techno
- Monospace,Courier New
- Skia,Arial
- Symbol
- Times New Roman,Times
- Verdana,Helvetica

Then, place the following statement before the **eWebWP** create statement.

```
eWebWP.parameters.defaultFontName = "font styles";
```

For example:

```
eWebWP.parameters.defaultFontName = "Impact,Techno";
```

Setting a Default Font Size

To preset a font size, decide which of these you want to use:

- 8pt

- 10pt
- 12pt
- 14pt
- 18pt
- 24pt
- 36pt

Then, place the following statement before the **eWebWP** create statement:

```
eWebWP.parameters.defaultFontSize = "point size";
```

For example:

```
eWebWP.parameters.defaultFontSize = "12pt";
```

Setting a Default Font Color

To preset a font color, provide a valid, browser-supported hexadecimal triplet, such as #00FFFF.

Use the color in the following statement before the **eWebWP** create statement.

```
eWebWP.parameters.defaultFontColor = "color";
```

For example:

```
eWebWP.parameters.defaultFontColor = "#00FFFF";
```

Style Sheet Support

To support cascading style sheets, **eWebWP** can produce content that is free of font and style tags. (An example of a font tag is ``). As a result, you can use a style sheet to determine the look of the content when viewed in a browser.

To enable this option, place the following statement before the **eWebWP** create statement.

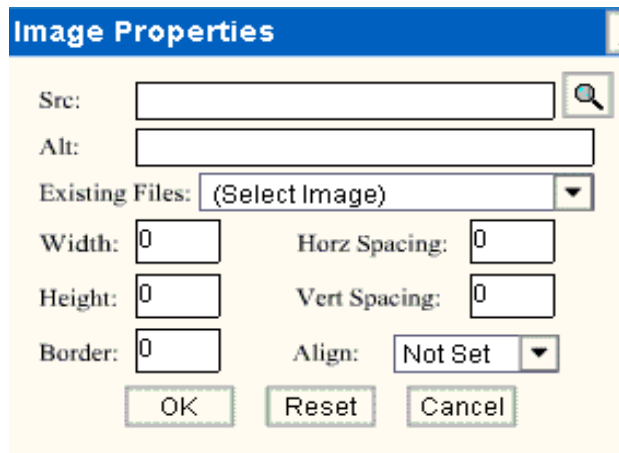
```
eWebWP.parameters.removeFont = true;
```

If you do, all font and style tags inserted by users are removed from the content when it is saved.

NOTE The default value for the `removeFont` property is **false**.

Defining Frequently Used Images and Hyperlinks

If your users will frequently insert a few images or hyperlinks, you can store their locations in an XML file so that they can be easily selected from Image (illustrated below) or Hyperlinks Properties dialog.



If a user selects an image or hyperlink from the drop-down box, its location and alt text fill the `src` and `alt` fields. The user can then complete the rest of the dialog box to insert the image or hyperlink.

eWebWP stores image file and hyperlink locations in an optional XML file named `fileStored.xml`. This file is located in the same folder as the `ewebwp.swf` file.

If `fileStored.xml` exists, its information populates the Existing Files drop-down list (on the Image Properties dialog) and the Quick Link drop-down list (on the Hyperlink Properties dialog). The format of the xml file is as follows:

```
<files>
  <imageStored srcURL="[image src]">[image title or alt]</imageStored>
```

```
<linkStored linkURL="[link URL]">[link text]</linkStored>
</files>
```

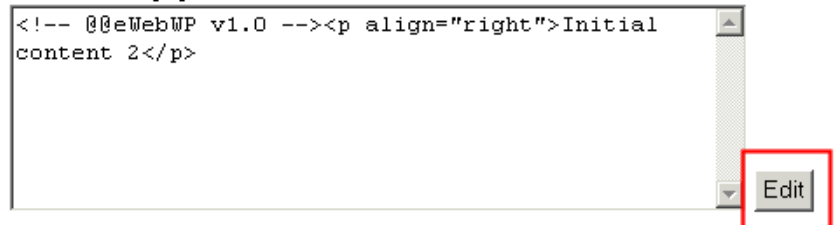
For the above sample dialog, the XML file would look like this.

```
<files>
  <imageStored srcURL="http://localhost/ewebwp/images/toolbar.gif">toolbar</imageStored>
  <imageStored srcURL="/ewebwp/images/toolbar.gif">toolbar2</imageStored>
</files>
```

Implementing eWebWP as a Popup Editor

You can implement Ektron eWebWP as a popup editor, with a text area field and a button.

eWebWP Popup Editor:



When a user clicks the button, a window pops up with an Ektron **eWebWP** editor. When the user saves the content, the text area in the parent window is updated with the saved content.

To implement Ektron eWebWP as a popup editor, insert an HTML element (such as a text area) with the following JavaScript:

```
eWebWP.createButton(buttonName, elementName);
```

- *buttonName* is the name of the HTML button element to create. The button caption is defined as `popupButtonCaption` in `ewebwpmessages.js`.
- *elementName* is the HTML element that stores the content. The element name may contain the form name to differentiate elements of the same name in different forms. For example: `"frmMain.Content"`.

Here is a full example of how to insert a popup editor.

```
<textarea name="TextHTML" rows="7" cols="50"><!-- @@eWebWP v1.2 -->Hello world</textarea>
```

```
<script language="JavaScript1.2" type="text/javascript">  
    eWebWP.createButton("btnEdit", "TextHTML");  
</script>
```