



User Manual

HtmlBox

version 4.0



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I. Introduction

HtmlBox is a modern, cross-browser, interactive, open-source wysiwyg editor built on top of the excellent JQuery library. It is tested with the most widely deployed browsers - Mozilla Firefox, SeaMonkey, Microsoft Internet Explorer, Opera, Apple Safari and Google Chrome. Besides the most popular browsers it has been tested and is working with some others like: Kazehakase, Epiphany, and Galeon. The variety of features, and the advanced configuration capabilities, combined with the easy and intuitive setup make HtmlBox as the preferred choice, when interactive user input is required such as in content management systems, forums, guest books, contact forms and others.

II. Features

EASY INTEGRATION

No exhaustive coding is needed for integration. A single line of JavaScript is more than enough. Or even easier - copy an example from this user manual and paste.

CROSS-BROWSER SUPPORT

HtmlBox is tested and is working fine in the most widely adopted browsers - Mozilla Firefox, Microsoft Internet Explorer, Opera, Apple Safari, and Google Chrome.

SMALL SIZE

The astonishing size of just 14kb minified makes HtmlBox a state of art pearl in the crown of the large family of HTML areas.

XHTML OUTPUT POSSIBLE

HtmlBox returns HTML by default, but XHTML output is also possible, if required.

AJAX INTEGRATION SUPPORT

Since HtmlBox version 1.4 Ajax support is added. Thus developers can interactively use HtmlBox without extra effort using the reliable Ajax implementation of JQuery .

SKINNABLE INTERFACE

No more dull interfaces. HtmlBox 4.0 introduces four different fancy looking skins, that will surely match your website interface and will suit any taste.

CUSTOM ICON SETS

HtmlBox 4.0 comes with two icon sets. Nonetheless, to blend smoothly into your website interface custom icon sets can easily be created.

PLUG-INS

HtmlBox 4.0 comes with variety of plug-ins with multiple features. By using exactly the plug-ins your application requires, the loading time can be substantially decreased.

III. HtmlBox Usage

1. HtmlBox Installation

HtmlBox is made with simplicity in mind. It is enough just to follow the steps bellow and HtmlBox will be running on your website in less than a minute.

Step 1. Include the header files

First, you need to include the **HtmlBox** file (*htmlbox.min.js*). And do not forget to include the jQuery library. The preferred place is in the head section of your HTML document.

HTML Source

```
<script src="jquery.min.js" type="text/javascript"></script>  
<script src="htmlbox.min.js" type="text/javascript"></script>
```

Step 2. Create an ordinary text area

Second, create an ordinary text area in the body section of your HTML document. Set an identification ID attribute to the text area. The ID attribute is needed to specify later, which text area should be converted to a fancy WYSIWYG editor.

HTML Source

```
<textarea id="mytextbox"></textarea>
```

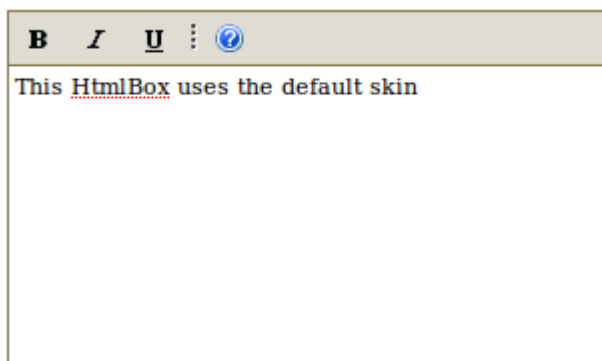
Step 3. Set the required features and run HtmlBox

Last, select the text area using jQuery, and attach the "htmlbox" function to it. Then specify the options of your choice – buttons, skin, icons, Ajax, etc. The preferred place is in the body section of your HTML document directly following the text area. See the example below.

JavaScript Source

```
<script type="text/javascript">
$(document).ready(function(){
    $("#mytextbox").htmlbox({
        toolbars:[
            ["bold","italic","underline"]
        ]
    });
});
</script>
```

Here is the result from the code above.



2. Using the tool separator

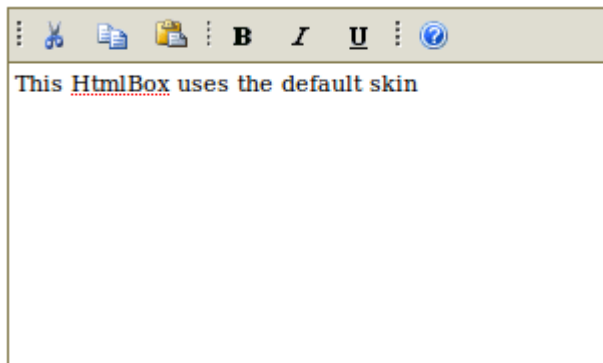
In order to separate the toolbar tools in logical groups the separator is

used. See the example below.

JavaScript Source

```
$("#mytextbox").htmlbox({  
  toolbars:[  
    ["separator","cut","copy","paste","separator","bold","italic","underline"]  
  ]  
});
```

Here is the result from the code above.



3. Adding additional tool bars

Sometimes in order to save space it is convenient the tools to be placed on several rows. With HtmlBox its is very easy to add additional toolbar rows. The option `toolbars` is an array, which contains the different toolbars. Each toolbar is an array that contains the actual tools, that should be included. You can add as many rows as you want. See the example below.

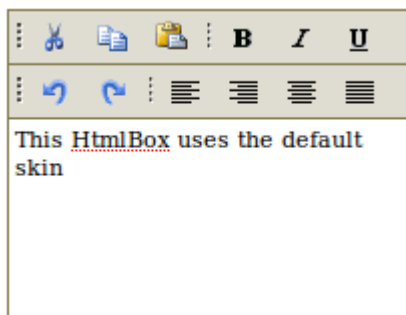
JavaScript Source

```
var toolbar_1 =
```



```
[ "separator", "cut", "copy", "paste", "separator", "bold", "italic", "underline" ];  
var toolbar_2 =  
[ "separator", "undo", "redo", "separator", "left", "right", "center", "justify" ];  
$( "#mytextbox" ).htmlbox({  
    toolbars: [ toolbar_1, toolbar_2 ]  
});
```

Here is the result from the code above.



4. Custom tools

Since the first version of HtmlBox was released, to add custom tools was the most frequent request. Now in version 4.0 this feature is introduced and the process is made as straight forward and intuitive as possible. The custom tool has three properties:

- icon - the icon to be used for the tool in the toolbar
- tooltip - help text to be shown to the user
- command – function to be executed on tool click

JavaScript Source

```
var save_tool = {  
    icon: "save.gif", tooltip: "Save", command: function() { alert("Saving"); }  
};  
$( "#mytextbox" ).htmlbox({  
    toolbars: [ [ save_tool, "separator", "bold", "italic", "underline" ] ]  
});
```

```
});
```

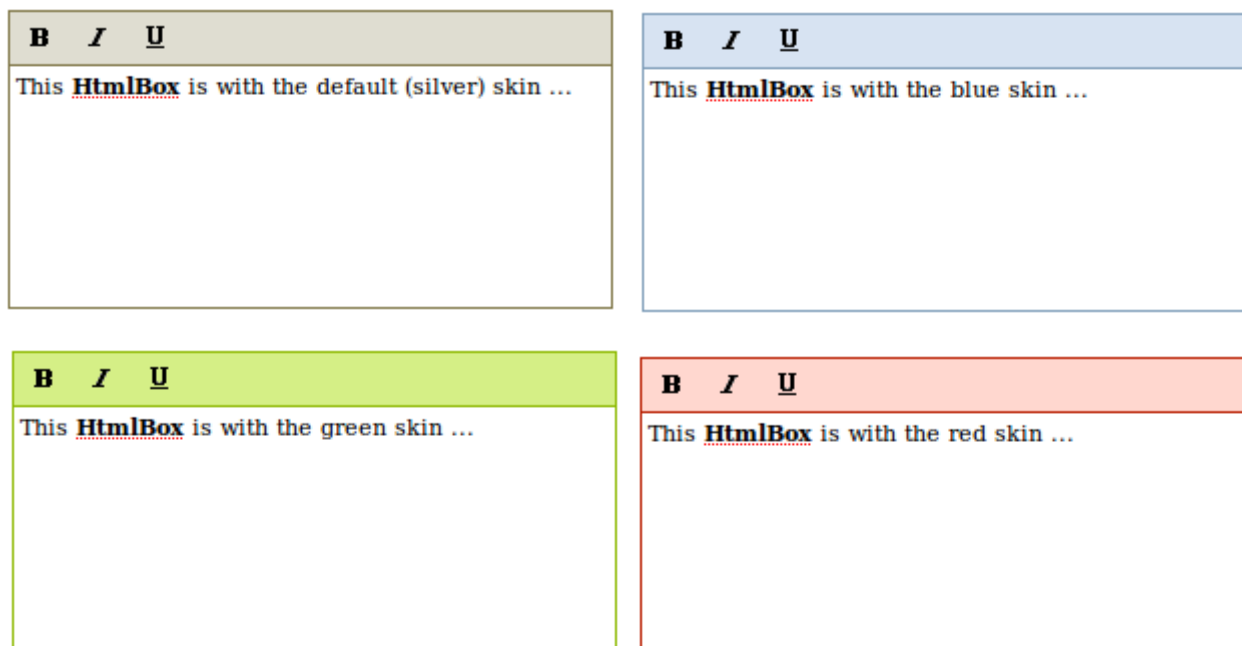
5. Changing skin

HtmlBox comes with four different skins thus integrating smooth into the website. The available skins are: default (silver), blue, green and red. Setting the desired skin is done with the skin option:

JavaScript Source

```
$("#mytextbox").htmlbox({  
    skin:"blue"  
});
```

Here are the skins:



6. Icon Sets

HtmlBox currently supports two different icon sets. The available icon sets are: default and silk. In order to use it the icon set images should be

placed in the HtmlBox image folder, which should be specified with the option `icons`. Custom icon sets can also be used:

JavaScript Source

```
$("#mytextbox").htmlbox({  
  icons:"silk"  
});
```

7. Removing the about icon

By default the about tool is displayed as the last tool on the first row of the toolbar. To disable it use the following option.

JavaScript Source

```
$("#mytextbox").htmlbox({  
  toolbars:[["separator","bold","italic","underline"]],  
  about:false  
});
```

8. Outputting XHTML

Since **HtmlBox** 1.2 XHTML support is enabled. In order to get XHTML output you will need to include the file "xhtml.js" provided in the distribution package. **HtmlBox** will automatically detect, that the file is included and will return XHTML as output. See the example bellow how to include the file "xhtml.js".

HTML Source

```
<script src="jquery.min.js" type="text/javascript"></script>  
<script src="xhtml.js" type="text/javascript"></script>
```

```
<script src="htmlbox.min.js" type="text/javascript"></script>
```

9. Using Ajax to POST or GET content?

Integrated Ajax support is available since version 1.4. You can use the POST or GET method to submit the data. You can also specify a custom function to be executed on successful post or on error. Look at the following example to see how to specify the options.

Java Source

```
mybox = $("#mytextbox").htmlbox({  
    toolbars:[["separator","bold","italic","underline"]],  
    success:function(){alert("Successfully posted");},  
    error:function(){alert("Error posting");}  
});
```

Create a “Save” button that posts the content of HtmlBox to an external page (i.e. save.php) using the GET method.

HTML Source

```
<button onclick="mybox.get('save.php')">Save</button>
```

Create a “Save” button that posts the content of HtmlBox to an external page (i.e. save.php) using the POST method.

HTML Source

```
<button onclick="mybox.post('save.php')">Save</button>
```

IV. Plug-ins

The concept of plug-ins has been introduced since the first releases of HtmlBox. The plug-ins allow to extend the default functionality of the HtmlBox and add extra features. Because every web application will need specific features, only the required plug-ins need to be included. Thus HtmlBox is kept lean and quick loading, nevertheless upgradable to every taste. Below are documented some of the plug-ins.

1. The UndoRedoManager Plug-in

Since HtmlBox 4.0 the UndoRedoManager plug-in is introduced. It allows an unlimited, browser independent undo redo functionality to be integrated to the running instances of the HtmlBox. To unlock the unlimited undo redo capabilities of the HtmlBoxes simply include the **htmlbox.undoredo manager.js** plug-in. Look at the provided example below:

HTML Source

```
<script src="jquery.min.js" type="text/javascript"></script>
<script src="htmlbox.undoredo manager.js" type="text/javascript"></script>
<script src="htmlbox.min.js" type="text/javascript"></script>
```

V. Support and Troubleshooting

If you have run into a problem using HtmlBox, here are some common techniques to fix the problem.

- Check, if you have included the HtmlBox script file (htmlbox.min.js).
- Make sure, that the JQuery library is included.
- Make sure you have included the required plug-ins.

You still have a problem and you would like to ask for assistance, or you want a custom feature to be implemented for you. Paid support is available through the following links.

Support Via Website

<http://remiya.com>

Support Via E-mail

developer@remiya.com

VI. Release Notes

Version 4.0

Release Date: 15.10.2009

New features:

- ★ Skins support is added out of the box.
- ★ Custom icon sets are supported
- ★ Custom tools can be specified
- ★ The user manual has been updated
- ★ Testing has been done

Version 3.2

Release Date: 29.03.2009

New features:

- ★ The entire source code has been remade in order to be more stable, easier to use and closer to the JQuery traditional usage
- ★ Advanced Undo Redo capabilities are added

Version 2.8

Release Date: 19.01.2009

New features:

- ★ Source syntax made external(as plug-in)
- ★ Added idir function to set an user-defined image directory

Version 2.6

Release Date: 05.10.2008

New features:

- ★ Added remove function to remove the HtmlBox instance from the DOM and

global space

- ★ Added change function to fire when text in the HtmlBox instance is changed

Version 2.5

Release Date: 05.10.2008

New features:

- ★ - A bug removed when used with latest JQuery pack

Version 2.4

Release Date: 18.07.2008

New features:

- ★ Custom CSS stylesheet support (Not Safari)
- ★ Quote button
- ★ User defined styles supported (as plug-in)

Version 2.2

Release Date: 16.06.2008

New features:

- ★ Unlink support

Version 2.0

Release Date: 14.06.2008

New features:

- ★ Code buttons (ASP,C,C++,Java,JavaScript,PHP,VB,XML)|
- ★ Custom CSS stylesheet support

Version 1.8

Developed Date: 11.06.2008 (Not released)

New features:

- ★ Remove format button
- ★ Strip tags button
- ★ Colors as plug-in for less space

Version 1.6

Developed Date: 08.06.2008 (Not released)

New features:

- ★ Format support (H1..H6,P,PRE,Indented paragraph)
- ★ Paragraph button added

Version 1.4

Release Date: 20.05.2008

New features:

- ★ Added Cut, Copy, Paste support for IE, and help message for the other browsers.
- ★ Ajax support: Post and Get custom Success and Error messages possible.

Version 1.0

The initial release of **HtmlBox**

VII. License

Following is the complete license agreement for the usage of the software.

HTMLBOX 2.8

*** LICENSE AGREEMENT ***

The MIT License

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*** END OF LICENSE AGREEMENT ***

VIII. Appendix I. List of methods

This is the complete list of methods available for use with HtmlBox.

METHOD	VERSION	ACTION
get_html()	1.2	Returns the HTML code in the HtmlBox. If the file "xhtml.js" is included XHTML code will be returned. Note: The HTML output is different in the different browsers.
get_text()	1.2	Returns the text stripped of the HTML tags from the HtmlBox.
set_text(html)	1.2	Sets the text (html) in the HtmlBox.
get(url,data)	1.4	Ajax method. Uses the GET method to post the content from the HtmlBox to the specified URL. If the data parameter is not set the (X)HTML output is to be used (using the get_html() method)
post(url,data)	1.4	Ajax method. Uses the POST method to post the content from the HtmlBox to the specified URL. If the data parameter is not set the (X)HTML output is to be used (using the get_html() method)
success(fn)	1.4	Ajax method. User specified action can be executed at the successful get or post call. The default will alert the browser return.
error(fn)	1.4	Ajax method. User specified action can be executed, if an error occurs.
cmd(cmd,arg)	2.0	Executes a user-specified command
change(fn)	2.4	User specified function to be executed on text change in the HtmlBox. Not working correctly in all browsers. Test.
remove()	2.4	Removes the HtmlBox instance from the DOM and the global space
wrap_tags(start,end)	4.0	Wraps the selected text with the defined tags.

IX. Appendix II. List of tool

This is the complete list of the tools available for use in HtmlBox.

METHOD	ACTION
cut	Cuts the selected text from the HtmlBox and places it in the clipboard.
copy	Copies the selected text in the HtmlBox and places it in the clipboard.
paste	Pastes the text from the clipboard in the HtmlBox at the place of the cursor.
bold	Makes bold the selected text in the HtmlBox.
italic	Makes <i>italic</i> the selected text in the HtmlBox.
underline	Makes <u>underlined</u> the selected text in the HtmlBox.
strike	Makes striked the selected text in the HtmlBox.
sup	Makes ^{superscript} the selected text in the HtmlBox.
sub	Makes _{subscript} the selected text in the HtmlBox.
left	Aligns the selected text in the HtmlBox to the left. center Aligns the selected text in the HtmlBox to the center.
right	Aligns the selected text in the HtmlBox to the right.
justify	Aligns the selected text in the HtmlBox justified to the right.
ol	Places selected lines in the HtmlBox in an ordered list.
ul	Places selected lines in the HtmlBox in an unordered list. indent Indents the selected text in the HtmlBox.
indent	Indents the selected text in the HtmlBox.
outdent	Outdents the selected text in the HtmlBox.
hyperlink	Creates a hyperlink from the selected text in the HtmlBox, after the user is prompted to insert a web address.
image	Creates an image in the HtmlBox, after the user is prompted to insert a the path to the image.
code	Shows the HTML code of the HtmlBox. The generated HTML differs in the different browsers.
fontsize	Changes the font size of the selected text in the HtmlBox.
fontfamily	Changes the font family of the selected text in the HtmlBox.
fontcolor	Changes the font color of the selected text in the HtmlBox.
highlight	Highlights the selected text in the HtmlBox.

METHOD	ACTION
style	Sets a user predefined style to the selected text in the HtmlBox
syntax	Sets a programming language highlight box around the selection
quote	Sets the selection as a quote
removeformat	Removes all the formatting from the selection
striptags	Strips all the tags from the selection
code	Switches between wysiwyg and text mode

X. Appendix III. List of options

This is the complete list of options available for use in order to fully customize the HtmlBox.

METHOD	TYPE	ACTION
idir	String	Sets the location of the image directory. May be an absolute or a relative URL. Default is <code>"/images/"</code> .
about	Boolean	Sets the visibility of the "about" tool. Default is <code>true</code> .
icons	String	Sets the icon set to be used. Default is <code>"default"</code> .
skin	String	Sets the skin to be used. Default is <code>"default"</code> .
toolbars	Array	Sets the toolbars to be used. Default is <code>["bold", "italic", "underline"]</code> .
output	String	Sets whether XHTML or HTML should be used as output. Default is <code>"xhtml"</code> .
css	String	Sets the CSS stylesheet to be used. Default is <code>"body{margin:3px;font-family:verdana;font-size:11px;}p{margin:0px;}"</code> ,.
toolbar_height	Integer	Sets the height of the toolbars. Default is <code>16</code> .
tool_height	Integer	Sets the tools' height. Default is <code>16</code> .
tool_width	Integer	Sets the tools' width. Default is <code>16</code> .
tool_image_height	Integer	Sets the image height of the tools. Default is <code>16</code> .
tool_image_width	Integer	Sets the image width of the tools. Default is <code>16</code> .
success	Function	Sets the function to be executed after a successful Ajax call. Default is <code>function(data){alert(data);}</code> .
error	Function	Sets the function to be executed after a successful Ajax call. Default is <code>function(a,b,c){return this;}</code> .