

HtmlBox User Manual

(version 2.8)

Remiya
Solutions

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I. Introduction

HtmlBox is a cross-browser interactive open-source HTML / XHTML text area built on top of the excellent jQuery library. It is tested with Mozilla Firefox, Internet Explorer, Opera, Netscape and Safari. The integration of HtmlBox is as easy and intuitive as a child's play. HtmlBox is the preferred choice, when interactive user input is required such as content management systems, forums, guest books, contact forms, etc.

II. Features

EASY INTEGRATION

Takes no exhaustive coding of your part. A single line of JavaScript is more than enough. Or even easier - copy an example from this website and paste.

CROSS-BROWSER SUPPORT

HtmlBox is tested and is working fine in Mozilla Firefox, Internet Explorer 6.0, Opera, Safari and Netscape Navigator.

SMALL SIZE

With the size of 15kb (11kb minimized) HtmlBox is 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 1.4 Ajax support is added. Now you can interactively use HtmlBox without extra effort.

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.

HTML Source

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

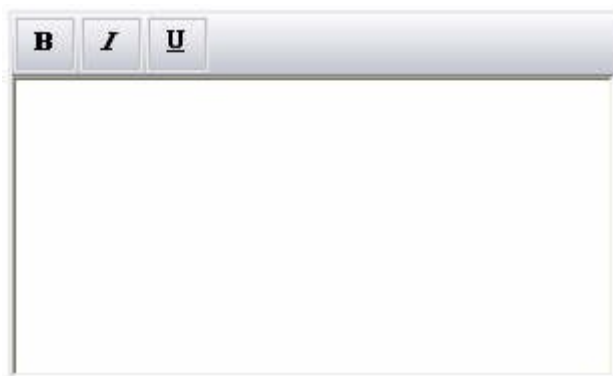
Step 3. Specify required features and run HtmlBox

Last, select the text area using jQuery, and attach the "htmlbox" function to it. Then specify which buttons exactly do you want. And at the end run HtmlBox using the "init" function. The preferred place is in the body section of your HTML document directly following the textarea. See the example below.

JavaScript Source

```
<script type="text/javascript">
$("#mytextbox").htmlbox()
    .button("bold").button("italic").button("underline")
    .init();
</script>
```

Here is the result from the code above.



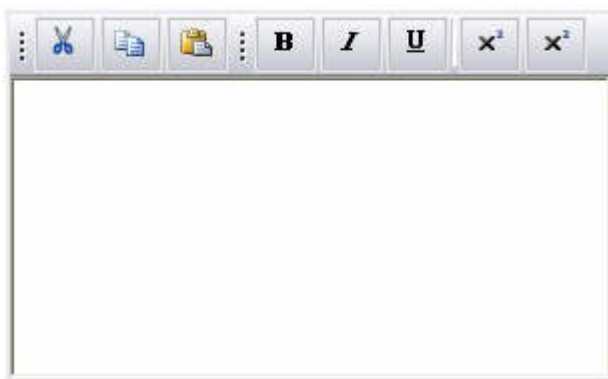
2. Using button separators

There are two types of separators. The first one is the normal separator defined with the "separator" function, and the second one is the "dotted" separator defined with the argument "dots" supplied to the "separator" function. See the example below.

JavaScript Source

```
$("#mytextbox").htmlbox()  
    .separator("dots")  
    .button("cut").button("copy").button("paste")  
    .separator("dots")  
    .button("bold").button("italic").button("underline")  
.init();
```

Here is the result from the code above.



3. Making additional tool bars

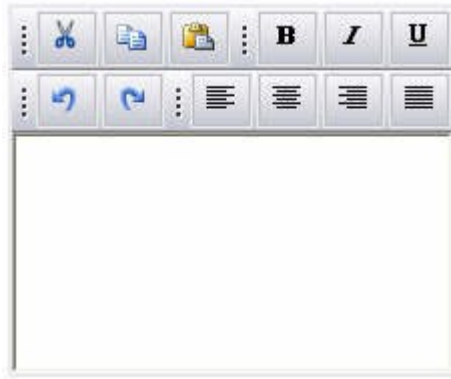
Specifying additional tool bar row with **HtmlBox** is very simple. After the name of the button, add the number of the row, where it must be uncluded. You can add as many rows as you want. See the example below.

JavaScript Source

```
$("#mytextbox").css("width",220).css("height",120).htmlbox()  
    .separator("dots").button("cut").button("copy").button("paste")  
    .separator("dots")  
.button("bold").button("italic").button("underline")  
    .separator("dots",2).button("undo",2).button("redo",2)  
    .separator("dots",2)  
.button("left",2).button("center",2).button("right",2).button("just
```

```
ify",2)  
.init();
```

Here is the result from the code above.



4. 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>
```


5. Using Ajax to POST or GET?

Integrated Ajax support is available since version 1.4. You can use the POST or GET method to submit the data. See the example bellow:

Java Source

```
//Creating a new instance of HtmlBox
var mybox =$("#mytextbox").htmlbox()
    .separator("dots")
    .button("bold").button("italic").button("underline");
// Displaying the HtmlBox
mybox.init();
```

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

HTML Source

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

IV. 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.
- The initialization function of HtmlBox should be called after the text area is being defined.

If you still have a problem and you would like to ask for assistance, or you have found a bug in HtmlBox please use the following links.

Support Via Website

<http://remiya.com>

Support Via E-mail

developer@remiya.com

V. Release Notes

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**

VI. 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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```

VII. Appendix I. List of methods

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

METHOD	VERSION	ACTION
<code>init()</code>	1.2	Initializes the HtmlBox according to the specified settings. Should be called last.
<code>button(type, row)</code>	1.2	Specifies the type of the button to be inserted on the specified row of the tool bar of the HtmlBox.
<code>separator(type, row)</code>	1.2	Specifies the type of the separator (basic, dots) to be inserted on the specified row in the toolbar of the HtmlBox.
<code>get_html()</code>	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.
<code>get_text()</code>	1.2	Returns the text stripped of the HTML tags from the HtmlBox.
<code>set_text(html)</code>	1.2	Sets the text (html) in the HtmlBox.
<code>get(url, data)</code>	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 <code>get_html()</code> method)
<code>post(url, data)</code>	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 <code>get_html()</code> method)
<code>success(fn)</code>	1.4	Ajax method. User specified action can be executed at the successful get or post call. The default will alert the browser return.
<code>error(fn)</code>	1.4	Ajax method. User specified action can be executed, if an error occurs.
<code>cmd(cmd, arg)</code>	2.0	Executes a user-specified command
<code>set_style</code>	2.4	Sets the CSS style to be used by the HtmlBox
<code>change(fn)</code>	2.4	User specified function to be executed on text change in the HtmlBox
<code>remove()</code>	2.4	Removes the HtmlBox instance from the DOM and the globalspace
<code>idir(url)</code>	2.8	Sets the image directory of the HtmlBox (Note. Should end with "/")

VIII. Appendix II. List of buttons

This is the complete list of buttons 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.
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.