Wikiprint Book

Title: Using HTML in Wiki Text

Subject: TechTIDE-Wiki - WikiHtml

Version: 1

Date: 11/25/25 04:57:31

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Using HTML in Wiki Text

Trac supports the display of HTML in any wiki context, by using the #!html WikiProcessor.

However, this HTML has to be well-formed. In particular, you can't insert a start tag in an #!html block, resume normal wiki text and insert the corresponding end tag in a second #!html block.

For creating styled <div>s, s or even complex tables containing arbitrary Wiki text, there is a powerful alternative: #!div, #!span and #!table, #!tr, #!td and #!th blocks. Those Wiki processors are built-in and do not require additional packages to be installed.

How to use #!html

To inform the wiki engine that a block of text should be treated as HTML, use the *html* processor:

Wiki Markup	Display
{{{\#!html	1> HTML Test

Note that Trac sanitizes your HTML code before displaying it. That means that potentially dangerous constructs, such as Javascript event handlers, will be removed from the output.

The filtering is done by Genshi and the output will be a well-formed fragment of HTML. This means that you cannot use two HTML blocks, one for opening a <div> and another for closing it, in order to wrap arbitrary wiki text.

How to use #!div and #!span

Wiki Markup	Display		
<pre>{{{#!div class="important" **important** is a predefined class. }}}</pre>			
{{{\#!div style="border: 1pt dotted; margin: 1em" **wikipage** is another predefined class that will be used when no class is specified. }}	important is a predefined class. wikipage is another predefined class that will be used when no class is specified.		
<pre>{{{#!div class="compact" style="border: lpt dotted; mar **compact** is another predefined class reducing the padding within the `<div>` to a minimum. }}}</div></pre>	compact is another predefined class reducing the padding within the <div> to a minimum.</div>		
{{{\#!div class="wikipage compact" style="border: 1pt do Classes can be combined (here **wikipage** and **compac which results in this case in reduced //vertical//	some horizontal space for coping with headings.		
<pre>padding but there's still some horizontal space for cop with headings. }}}</pre>	Explicitly specifying no classes is <i>not</i> the same as specifying no class attribute, as this will remove the <i>wikipage</i> default class.		
{{\#!div class="" style="border: 1pt dotted; margin: 1er Explicitly specifying no classes is //not// the same as specifying no class attribute, as this will remove the //wikipage// default class. }}}	to "		

Note that the contents of a #!div block are contained in one or more paragraphs, which have a non-zero top and bottom margin. This leads to the top and bottom padding in the example above. To remove the top and bottom margin of the content, add the compact class to the #!div. Another

predefined class besides wikipage and compact is important, which can be used to make a paragraph stand out. Extra CSS classes can be defined via site/style.css.

For spans, you should use the Macro call syntax:

```
Wiki Markup

Hello
[[span(''WORLD'' (click [#anchor here]), style=color: green; font-size: 120%, id=anchor)]]!

Display

Hello WORLD (click here)!
```

How to use #!td and other table related processors

The #!td or #!th processors should be used to create table data and table header cells, respectively. The other processors #!table and #!tr are not required for introducing a table structure, as #!td and #!th will do this automatically. The |- row separator can be used to start a new row when needed, but some may prefer to use a #!tr block for that, as this introduces a more formal grouping and offers the possibility to use an extra level of indentation. The main purpose of the #!table and #!tr is to give the possibility to specify HTML attributes, like style or valign to these elements.

Wiki Markup		Display		
Simple 2x2 table with rich content:	Simple	2x2 table with rich content:		
{{{#!th align=left				
- Left	• Le		Right	
- Header	• He	ader	Header	
}}}	• Le	f	RightContent	
{{{#!th align=left	• Cc		- rigino onioni	
- Right	• 00	ntent		
- Header		and this can be mixed	with pipe-based cells	
}}}	Pick tl	le style the more appropriate to	vour content	
{{{#:td style="background: #ffd"			s on the pipe-based table syntax.	
- Left - Content	See v	introffiatting#Tables for detail	s on the pipe-based table syntax.	
}}}	If one	needs to add some attributes to	the table itself	
{{{#!td style="vertical-align: top"				
!RightContent		Left header	Right header	
}}}	_	4.4	- 12	
		1.1	1.2	
and this can be mixed \		2.1	2.2	
with pipe-based cells				
{{{#!td colspan=2				
Pick the style the more appropriate				
to your content				
See WikiFormatting#Tables for details				
on the pipe-based table syntax.				
}}}				
111				
If one needs to add some				
attributes to the table itself				
{{{#!table style="border:none;text-align:center;margin:	auto"			
{{{#!tr ====================================				
{{{#!th style="border: none"				
Left header				
}}}				
{{{#!th style="border: none" Right header				
Right header }}}				
}}}				
{{{\#!tr ==== style="border: 1px dotted grey"				
{{{#!td style="border: none"				
1.1				
}}}				
{{{#:td style="border: none"				
1.2				
}}}				
}}}				
{{{#!tr ====================================				
{{{#:td style="border: none"				
2.1 }}}				
}}} {{{#!td				
2.2				
}}}				
}}}				
}}}				
1				

Note that by default tables are assigned the "wiki" CSS class, which gives a distinctive look to the header cells and a default border to the table and cells, as can be seen for the tables on this page. By removing this class (#!table class=""), one regains complete control on the table presentation. In particular, neither the table nor the rows nor the cells will have a border, so this is a more effective way to get such an effect rather than having to specify a style="border: no" parameter everywhere.

Display		
0	1	2
10	20	30
11	22	33
numbers		
	10	0 1 10 20 11 22

Other classes can be specified as alternatives (remember that you can define your own in site/style.css).

Wiki Markup	Display		
{{{#!table class="listing" 0 1 2	0	1	2
	10	20	30
11 22 33	11	22	33
= numbers = }}}	numbers		

HTML comments

HTML comments are stripped from the output of the html processor. To add an HTML comment to a wiki page, use the htmlcomment processor, available since Trac 0.12:

The character sequence -- is not allowed in HTML comments, and will generate a rendering error.

More Information

- http://www.w3.org/ -- World Wide Web Consortium
- <u>http://www.w3.org/MarkUp/</u> -- HTML Markup Home Page

See also: WikiFormatting, WikiProcessors, WikiRestructuredText