

Table of Contents

FlexWebListPlugin.....	1
Description.....	1
Syntax.....	1
Examples.....	2
Plugin Installation Instructions.....	2
Plugin Info.....	2

FlexWebListPlugin

Description

This is a replacement for Foswiki's standard WEBLIST variable. It is extended to improve the display of hierarchical web structures, a feature added to later wikis and adds more flexibility when used in WikiApplications. The FLEXWEBLIST can be used for example to generate a hierarchical navigatio scheme or a nested sitemap.

Syntax

```
%FLEXWEBLIST{ ... }%
```

This tag iterates over all specified webs and all of their subwebs recursively while using the specified format strings to produce the output.

Parameters:

- **webs**: a list of webs to be displayed and/or "public" - a list of all non-hidden webs, "webtemplate" - a list of all template webs; "publiccurrent" - a list of all non-hidden webs including the current one; (defaults to "public")
- **format**: format string to render one item (defaults to "\$web ")
- **header**: format string prepended to the output result
- **footer**: format string appended to the result; if the list of webs is empty neither header nor footer are added.
- **separator**: text to be put between webs; can be `none` for no separators
- **subformat**: format string to be used to format subwebs (defaults to `format`)
- **subheader**: format string preceding the output of any subweb (defaults to `header`)
- **subfooter**: format string following the output of any subweb; subheader and subfooter are only added if the list of subwebs of the current web is not empty (defaults to `footer`)
- **subseparator**: text to be put between subwebs; can be `none` for no separators (defaults to `separator`)
- **subwebs**: regular expression that subwebs must match to be listed; this can also be `none`, `all`, only to suppress subwebs, show all or only display explicitly mentioned subwebs (default is `all`)
- **selection**: selected items in the list of webs
- **marker**: text for `$marker` if the item matches the selection (see pseudo variables below)
- **markerformat**: format string used instead of (sub)format string for selected items
- **exclude**: regular expression of items excluded from the output
- **include**: regular expressions of items that must match in order to be included in the output
- **adminwebs**: a regular expression of webs that are considered to be only relevant for WikiAdmins and are hiddend to non-admin users. In general it is recommended to hide webs by restricting access rights to it. There are however cases when you want to hide a web but still *use* it although the user is not aware of it. Best example is and Application web holding WikiApplications. Users are using those applications but should not be bothered with their implementation.
- **map**: list of `key=value` pairs to map the name of a web to a different value (e.g. `map="System=Documentation,Main=Home"` will expand the variable `$name` as "Documentation" instead of System and as "Home" instead "Main")

Parameters default to the empty string if not mentioned otherwise. Note, that some of them although similar to WEBLIST have different default values.

Pseudo-variables: Each of the above format strings (format, header, footer, subformat, subheader, subfooter and markerformat) may contain special variables that are replaced with a current value:

- `$web`: the full name of the web, e.g. `Main/Foo/Bar`
- `$qname`: the full name of the web in quotes, e.g. `"Main/Foo/Bar"` (deprecated)
- `$name`: the name of the web without the leading parent webs, e.g. `Bar`
- `$origname`: the original name of the web despite any name mapping
- `$parent`: the name of the parent web of a sub web or the empty string if there's none
- `$marker`: marker text (see above) if the current item is selected, empty otherwise
- `$depth`: level of embedding of a subweb; main level web have depth 0 etc.
- `$nrsubwebs`: number of subwebs a current web has
- `$indent`: expands to three spaces for each level a web is embedded; main level webs get three spaces, subwebs on first level six spaces and so on.
- `$indent(string)`: same as `$indent` but using `string` instead of three spaces
- `$n`: replaced with a newline char (`\n`)
- `$percnt`: replaced with a percent char (`%`)
- `$dollar`: replaced with a dollar char (`$`)
- `$nop`: removed from the format string before expanding common foswiki variables
- `$url`: link to homepage of web
- `$sitemapuseto`: content of the SITEMAPUSETO preference of the web
- `$sitemapwhat`: content of the SITEMAPWAT preference
- `$color`: content of the WEBBGCOLOR preference

The following picture illustrates when which format strings are used:
`usedheaderformatseparatorformatsubheadersubformatsubheadersubformatsubfootersubseparator
...subseparatorsubformatsubfooterseparator ...subseparatorformatfooter .box { border:1px solid blue;
padding:10px; margin:10px; } .format, .separator, .header, .footer { margin:5px; padding:5px; } .header,
.footer { border:1px solid green; } .format { border:1px solid red; } .separator { border:1px solid yellow; }`

Examples

See the `FlexWebListExamples`.

Plugin Installation Instructions

You do not need to install anything in the browser to use this extension. The following instructions are for the administrator who installs the extension on the server.

Open `configure`, and open the "Extensions" section. Use "Find More Extensions" to get a list of available extensions. Select "Install".

If you have any problems, or if the extension isn't available in `configure`, then you can still install manually from the command-line. See <http://foswiki.org/Support/ManuallyInstallingExtensions> for more help.

Plugin Info

Plugin Author:	Foswiki:Main:MichaelDaum
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License:	GPL (GNU General Public License)
Release:	v1.51
Version:	5698 (2009-12-02)
Change History:	
02 Dec 2009:	fixed regexing for subwebs
17 Nov 2009:	fixed processing subwebs and marker format
02 Jul 2009:	added <code>\$color</code> , <code>\$sitemapuseto</code> , <code>\$sitemapwhat</code> and <code>\$url</code> ; fixed examples
17 Apr 2009:	converted to foswiki
03 Jul 2008:	don't blat if there's a subweb with no parent web, habbans in Trash from time to time
15 Feb 2008:	explicitly disable unwanted webs
17 Jan 2008:	added treeview example based on Foswiki:Extensions/JQueryPlugin
03 Jan 2008:	fixed hiding of subwebs
13 Sep 2007:	added adminwebs feature
21 May 2007:	added FlexWebListNavi
08 May 2007:	docu fixes, respect HOMETOPIC in the examples
10 Mar 2007:	fixed expansion of <code>\$n</code> and <code>\$nop</code>
13 Oct 2006:	don't bail out entering a non-existing web
31 Aug 2006:	added NO_PREFS_IN_TOPIC; removed commonTagsHandler thus dropping support for cairo
03 Aug 2006:	fixed use of uninitialized value
	start counting <code>\$indent</code> at zero, not one; fixed the examples accordingly
02 Aug 2006:	added <code>publiccurrent</code> pseudo-web which is the sorted list of all public webs including the current one; fixed <code>\$indent</code> not to assume multiples of 3 items to indent
31 Jul 2006:	don't filter webs that have been added explicitly added to webs
	more fixes related to web filtering; fixed some testcases
28 Jul 2006:	preserve order in webs parameter
26 Jul 2006:	first release
05 Jul 2006:	initial version
Dependencies:	None
Perl Version:	5.8
Plugin Home:	Foswiki:Extensions/FlexWebListPlugin
Support:	Foswiki:Support/FlexWebListPlugin

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