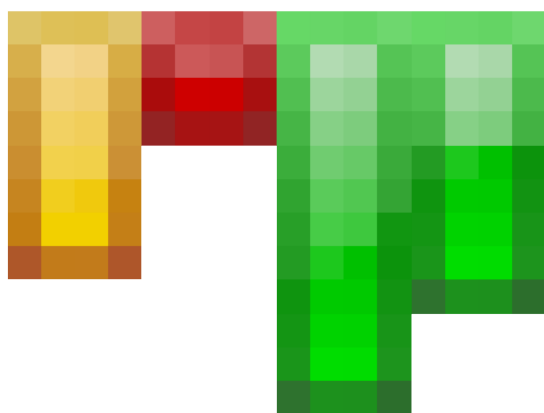# Auto grouping sitemap and menu

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Extension Key: autositemap - Tutorials for the extension Browser (extkey: browser)

Language: en

Keywords: sitemap, menu, grouping

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.org

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Introduction

What does it do?

- autositemap groups the first four menus in first four div tags and all other menus in a fivth div tag.

- Menus in the first four columns has a depth of three levels by default.

- Menus in the fifth column has a depth of two levels by default.

- You set one of three priorities:

  - Maximum of line breaks

  - One line break only

  - No line break for any menu

- If there are less than four menus, autositemap tries to design a menu in two columns, if it has enough items.

- The menus are configured by TypoScript. They are based on the HMENU and TMENU.

- The used HTML classes are based on the YAML CSS.

Quick Installation

- Install the extension.

- Add the plugin to the start page

- Add the TypoScript template to the static templates of the TypoScript of your startpage

Website wide Installation

- Install the extension.

- Add a sysfolder "libraries" to your website.

- Add a page "sitemap" into the page "libraries".

- Add the plugin into the page "sitemap"

- Add the TypoScript template of this extension into the static template of your root page

- Include the content of the page "sitemap" website wide by TypoScript or TemplaVoilá.

Priority

First of all

The fifth column

Fifth column is a marginal column. It contains menus, which aren't contained by the first four columns. The fifth columns can't use for the second part of a line broken menu.

Competition

There are some cases iamginable with menus which compete against other menus for a line break.

Maximum of line breaks

Explanation

autositemap gives priority to the maximum of line breaks.

If first two menus have enough items for a line break, they will fill the first four columns. All other menus will fill the fifth column.

TypoScript

```
plugin.tx_autositemap_pi1.value = maxLineBreaks
```

Case 1: first and second menu with a line break

Point of departure

- Menus should get a line break, if they have more than 13 items
- 1st menu: 40 items
- 2nd menu: 24 items
- 3rd menu: 40 items
- 4th menu: 24 items
- 5th menu: 3 items

Result

1st menu 1/2 | 1st menu 2/2 | 2nd menu 1/2 | 2nd menu 2/2 | 3rd, 4th and 5th menu

Case 2: first menu with a line break

Point of departure

- Menus should get a line break, if they have more than 13 items
- 1st menu: 40 items
- 2nd menu: 4 items
- 3rd menu: 40 items
- 4th menu: 24 items
- 5th menu: 3 items

Result

1st menu 1/2 | 1st menu 2/2 | 2nd menu | 3rd menu | 4th and 5th menu

Comment: the 3rd menu doesn't get a line break, because than there won't be any space for a fifth column.

Case 3: third menu with a line break

Point of departure
- Menus should get a line break, if they have more than 13 items
- 1st menu: 24 items
- 2nd menu: 4 items
- 3rd menu: 40 items
- 4th menu: 24 items
- 5th menu: 3 items

Result

1st menu | 2nd menu | 3rd menu 1/2 | 3rd menu 2/2 | 4th and 5th menu

Comment: the 3rd gets the line break, because it is greater than the first menu. The first menu doesn't get a line break, because than there won't be any space for a fifth column.

One line break only

Explanation
autositemap gives priority to a small fifth column. Only one menu will get a line break at maximum.

TypoScript

```
plugin.tx_autositemap_pi1.value = oneLineBreak
```

Case 1: more than four menus

Point of departure
- Menus should get a line break, if they have more than 13 items
- 1st menu: 40 items
- 2nd menu: 24 items
- 3rd menu: 40 items
- 4th menu: 24 items
- 5th menu: 3 items

Result

1st menu | 2nd menu | 3rd menu | 4th menu | 5th menu

There are more than for menus, fifth column is needed. No menu will get a line break.

Case 2: three menus, 3rd menu with a line break

Point of departure
- Menus should get a line break, if they have more than 13 items
- 1st menu: 12 items
- 2nd menu: 4 items
- 3rd menu: 40 items

Result

1st menu 1/2 | 1st menu 2/2 | 3rd menu 1/2 | 3rd menu 2/2

Comment: the 3rd menu gets a line break, because it is the greatest. The 1st menu doesn't get a line break, because there isn't any space within a four columns layout.

No line break for any menu

Explanation

autositemap doesn't wrap any menu.

TypoScript

```
plugin.tx_autositemap_pi1.value = noLineBreak
```

Case 1: three menus

Point of departure

- Menus should get a line break, if they have more than 13 items
- 1st menu: 40 items
- 2nd menu: 24 items
- 3rd menu: 40 items

Result

1st menu | 2nd menu | 3rd menu

Debugging

DRS – Development Reporting System

The DRS – Development Reporting System – prompts the whole workflow into the devlog.

If you have any unexpected result, please enable the DRS by the extension manager.

Reference

Property:	Data type:	Description:	Default:

css	array	Variables for your CSS classes.
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  css {
		     // Width of a main column in case of 1 column
		    1 =
		    1 {
		      main = TEXT
		      main {
		        value = 100
		      }
		    }
		     // Width of a main column in case of 2 columns
		    2 =
		    ...
		  }
		}
		``	

debugging	array	Support for debugging: HTML comments will removed by default (0).
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  debugging {
		    dontRemoveHtmlComments = TEXT
		    dontRemoveHtmlComments {
		      value = 0
		    }
		  }
		}
		``
			0

html	array	HTML snippets for wraps. The snippets must contain the variable %content%. %content% will replaced with the current main menu or submenu.
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  html {
		    sitemap = TEXT
		    sitemap {
		      ...
		    }
		    menuMainOuterWrap = TEXT
		    menuMainOuterWrap {
		      ...
		    }
		    menuMainInnerWrap = TEXT
		    menuMainInnerWrap {
		      ...
		    }
		    menuSubOuterWrap = TEXT
		    menuSubOuterWrap {
		      ...
		    }
		  }
		}
		``	

Property:	Data type:	Description:	Default:

master_templates	array	Master templates: it contains the whole configuration for the HMENU with TMENUs.
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  master_templates =
		  master_templates {
		    hmenu = HMENU
		    hmenu {
		      ...
		    }
		  }
		}
		``
		
		Don't change it! If you like to change anything, please configure:
		
		``
		plugin.tx_autositemap_pi1.menu_main
		plugin.tx_autositemap_pi1.menu_margin
		``
		
		See row below.	

menu_main
menu_margin
	array	Configuration of the menu in the main section (first four columns) and of the menu in the margin section (fifth column).
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  menu_main < \
		    plugin.tx_autositemap_pi1.master_templates.hmenu
		  menu_margin < \
		    plugin.tx_autositemap_pi1.master_templates.hmenu
		  menu_margin {
		    1.wrap (
		            <div class="ym-g%margin% ym-gl">
		              <div class="ym-gbox">
		              |
		              </div>
		            </div>
		)
		    3 >
		  }
		}
		``	

rootline	array	Values for calculating. They have to correspondent with the configuration of menu_main and menu_margin!
		
		You don't need to configure it.
		
		Example:
		
		``
		plugin.tx_autositemap_pi1 {
		  rootline {
		      // [INTEGER] uid of the current page.
		    lookFromPageId = TEXT
		    lookFromPageId {
		      data = page:uid
		    }
		      // [INTEGER] uid of the rootpage. Leave it empty!
		    rootpageId = TEXT
		    rootpageId {
		      value =
		    }
		  }
		}
		``	

Property:	Data type:	Description:	Default:

rules	array	Rules for the number of columns and the line break position.
		
		You don't need to configure it.
		
		Example:
		<pre>plugin.tx_autositemap_pi1 {
		  rules {
		      // Minimum of items for a line break
		    menuItems {
		        // If a menu has more than x items,
		        // insert a line break
		      lineBreak = TEXT
		      lineBreak {
		        value = 13
		      }
		    }
		      // Number of columns from first to forth menu:
		      // DON'T TOUCH IT!
		    numberOfColumns =
		    numberOfColumns {
		      main = TEXT
		      main {
		        value = 4
		      }
		    }
		  }
		}</pre>	

sql	array	SQL statements. Contains an andWhere for the pages table only. Configuration has to correspondent with the configuration of the HMENU.
		
		You don't need to configure it.
		
		Example:
		<pre>plugin.tx_autositemap_pi1 {
		  sql {
		      // Table
		    pages =
		    pages {
		      andWhere = TEXT
		      andWhere {
		        value = AND doktype = 1 AND nav_hide = 0
		        noTrimWrap = | ||
		      }
		    }
		  }
		}</pre>	

Helpful suggestions

If you have helpful suggestions, feel free to send a question, a bug or a code snippet by e-mail. See http://wildt.at.die-netzmacher.de.

E-mails are welcome in English and German.

Known Bugs

Nothing known.

To-Do List

Nothing to do.

Change Log

0.0.2   **Manual**

0.0.1   **Initial release**
        Dirk Wildt http://wildt.at.die-netzmacher.de