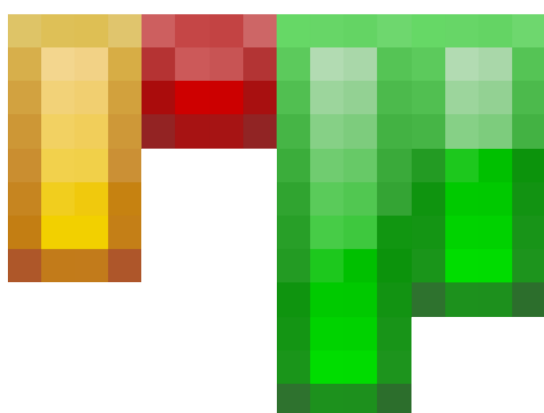


Auto grouping sitemap and menu



Version: 0.9.1, 2012-09-30

Extension Key: autositemap

Language: en

Keywords: sitemap, menu, grouping

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

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Screen Shots

Frontend

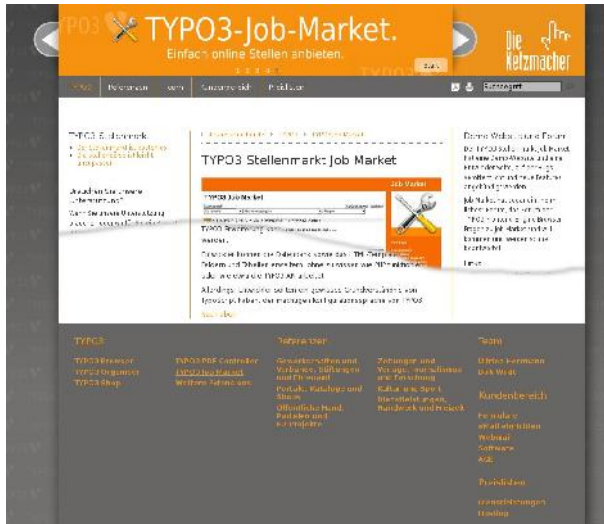


Illustration 1: Two main columns, one marginal column

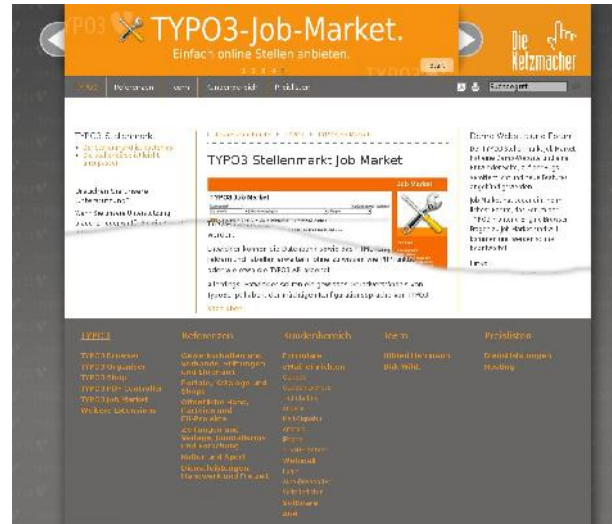


Illustration 2: Four main columns, one marginal column

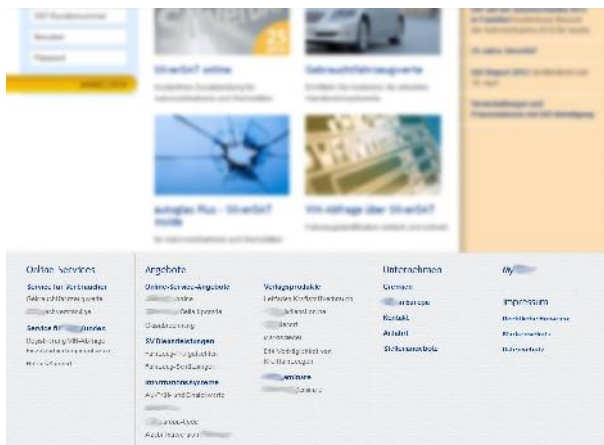


Illustration 3: Three main columns, one marginal column

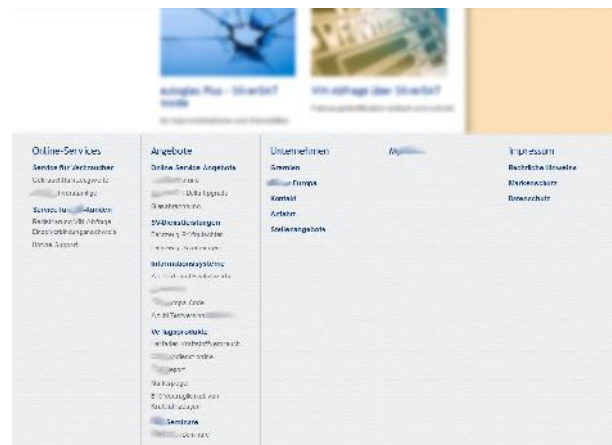


Illustration 4: Four main columns, one marginal column

Backend

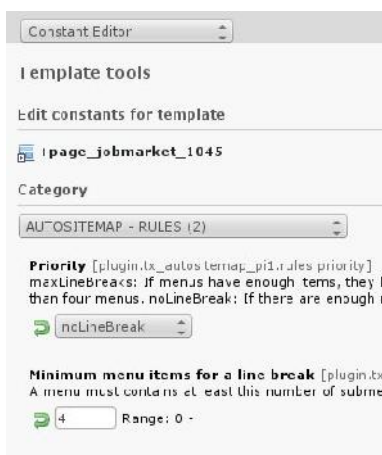


Illustration 5: TypoScript Constant Editor

Layout Samples

Four examples. Ten layouts are possible.

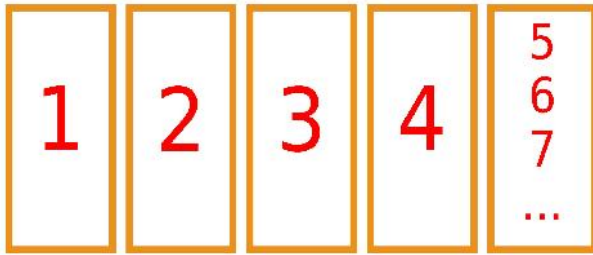


Illustration 6: Four main columns, one marginal column

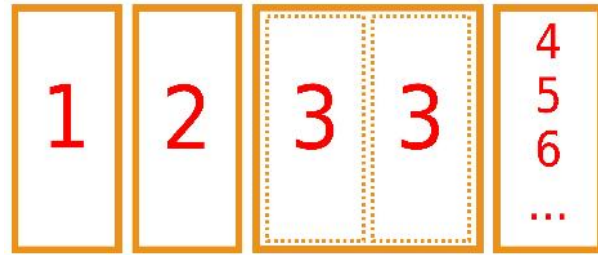


Illustration 7: Three main columns, one marginal column

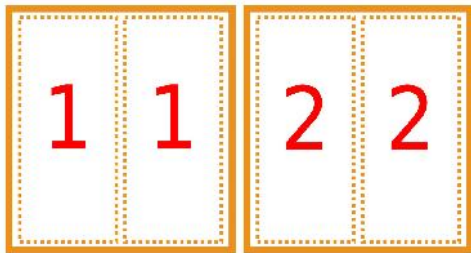


Illustration 8: Two main columns

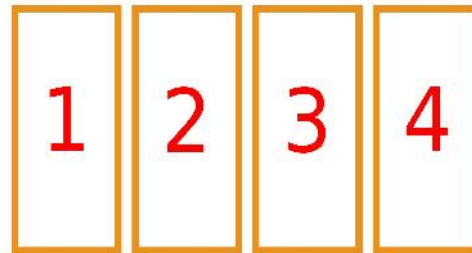


Illustration 9: Four main columns

Introduction

What does it do?

- autositemap generates a sitemap or menu in columns.
- autositemap tries to split menus for the best design. Ten designs are possible.
- For example: Big menus can get two columns.
- If you have more than four menus, the rest will be placed in a fifth column.
- The menus in the first four columns have a depth of three levels by default.
- The menus in the fifth column have a depth of two levels by default.
- You can control the behaviour of placements with one of three priorities:
 - Maximum of line breaks
 - One line break only
 - No line break for any menu

See "Priority" on page 7 below for more details.

- The menus are configured by TypoScript. They are based on the HMENU and TMENU.
- The used HTML classes by the include static template "+Autositemap YAML (autositemap)" are based on the YAML CSS. But the JavaScript framework YAML isn't needed.

Installation

One page only

- Install the extension.
- Add the plugin to a page, where you like to use the autositemap.
- Add the TypoScript templates to the static templates of the TypoScript of this page:
 - Autositemap (autositemap)
 - +Autositemap YAML (autositemap)
- Configure autositemap supported by the TypoScript Constant Editor.

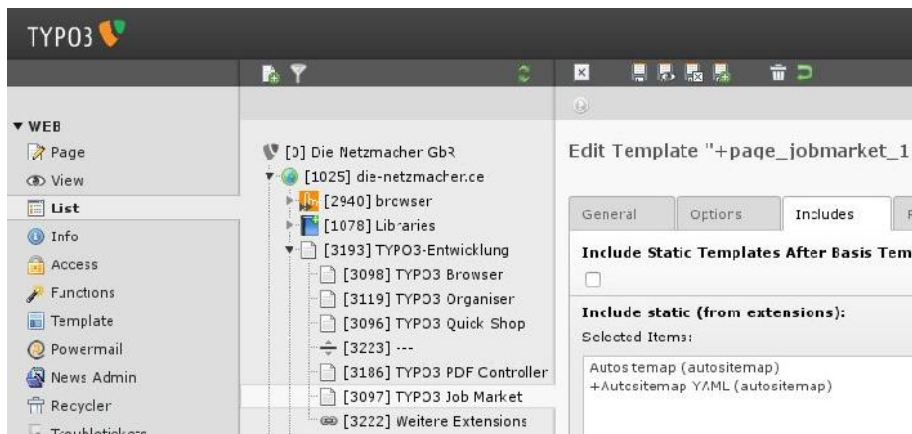


Illustration 10: Include static (from extensions)

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 templates to the static templates of the TypoScript of your root page:
 - Autositemap (autositemap)
 - +Autositemap YAML (autositemap)
- Include the content of the page "sitemap" website wide by TypoScript or TemplaVoilà.
- Configure autositemap supported by the TypoScript Constant Editor.

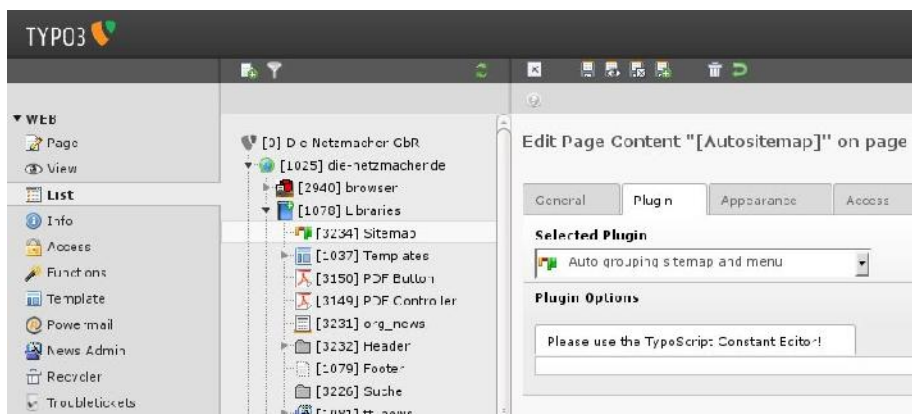


Illustration 11: The autositemap plugin

Priority

First of all

The marginal Column

The fifth column is a marginal column. It contains menus, which aren't contained by the first four columns. The fifth column doesn't place any line break in a menu.

The Competition of big Menus

There are some cases imaginable with menus which compete against other menus for a line break. autositemap tries to find the best solution in this cases.

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 Constant Editor

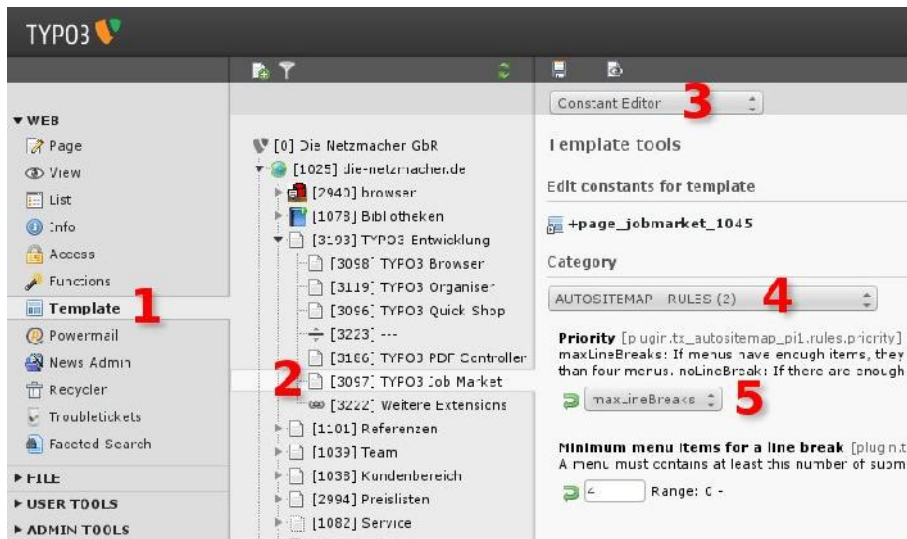


Illustration 12: TypoScript Constant Editor - maxLineBreaks

1. Web Modul: Template
2. Page tree: Root page or page of your choice
3. Edit area: [Constant Editor]
4. Kategorie: [AUTOSITEMAP - RULES]
5. Priority: [maxLineBreaks]

Possible cases

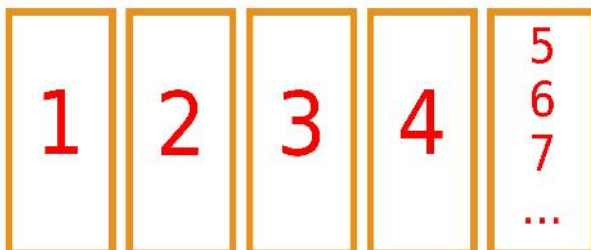


Illustration 13: Any menu hasn't enough items for a line break.

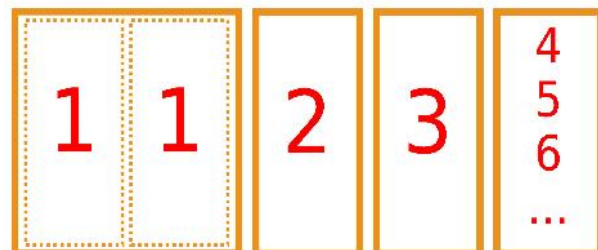


Illustration 14: The 1st menu has enough items for a line break.



Illustration 15: The 2nd menu has enough items for a line break.

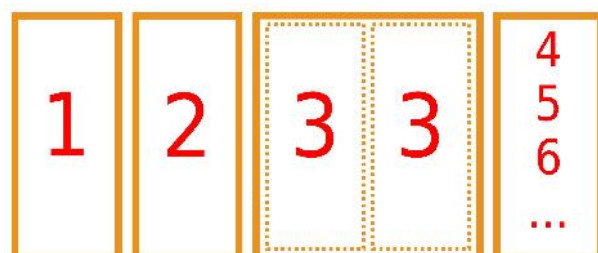


Illustration 16: The 3rd menu has enough items for a line break.

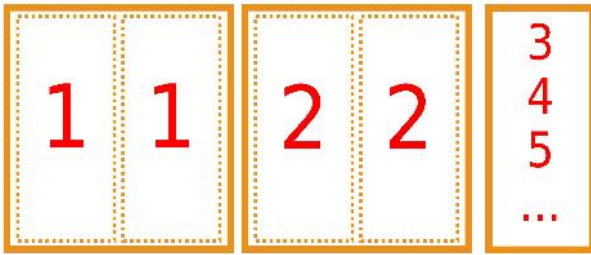


Illustration 17: The 1st and 2nd menu have enough items for a line break.

If you haven't enough menus, there won't be any marginal column.

One line break only

Explanation

Only one menu will get a line break at maximum.

If there are only three menus, one of the menus must have enough items for a line break.

If there are more than three menus, one of the first two menus must have enough items for a line break.

TypoScript Constant Editor

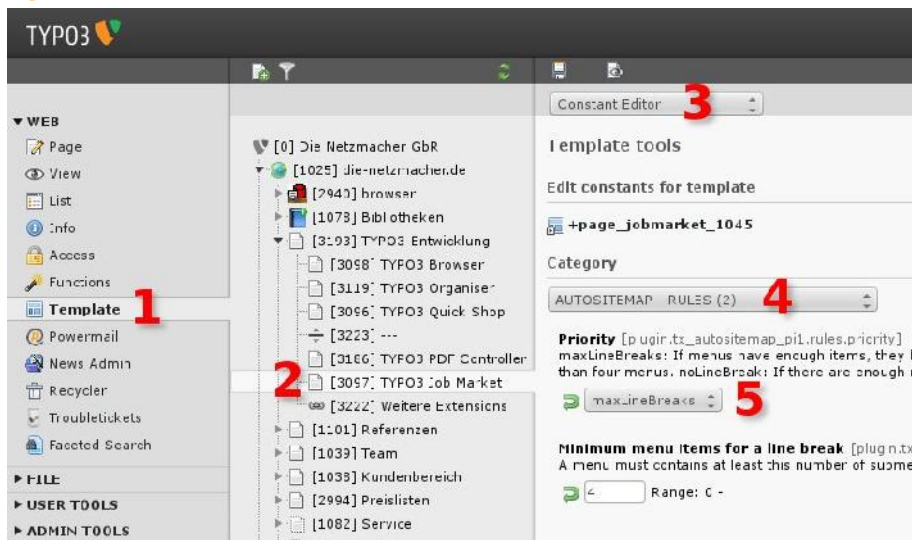


Illustration 18: TypoScript Constant Editor - maxLineBreaks

6. Web Modul: Template
7. Page tree: Root page or page of your choice
8. Edit area: [Constant Editor]
9. Kategorie: [AUTOSITEMAP - RULES]
10. Priority: [oneLineBreak]

Possible cases

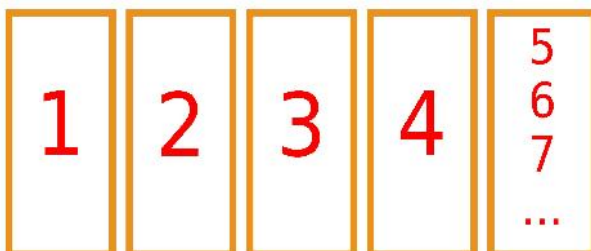


Illustration 19: Any menu hasn't enough items for a line break.

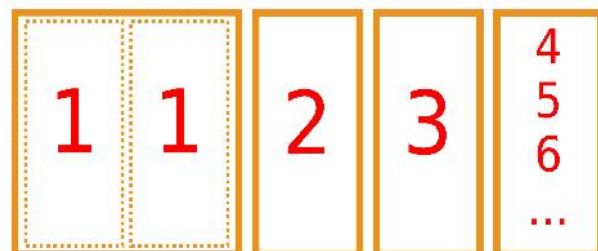


Illustration 20: The 1st menu has enough items for a line break.



Illustration 21: The 2nd menu has enough items for a line break.

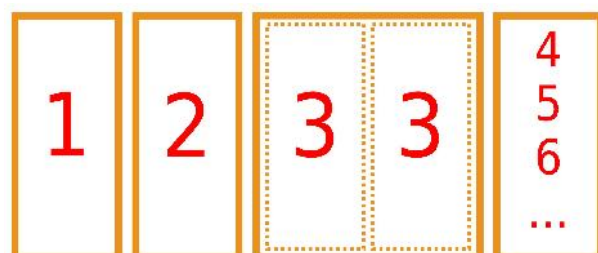


Illustration 22: The 3rd menu has enough items for a line break.

If you haven't enough menus, there won't be any marginal column.

No line break for any menu

Explanation

Any menu won't get any line break.

TypoScript Constant Editor

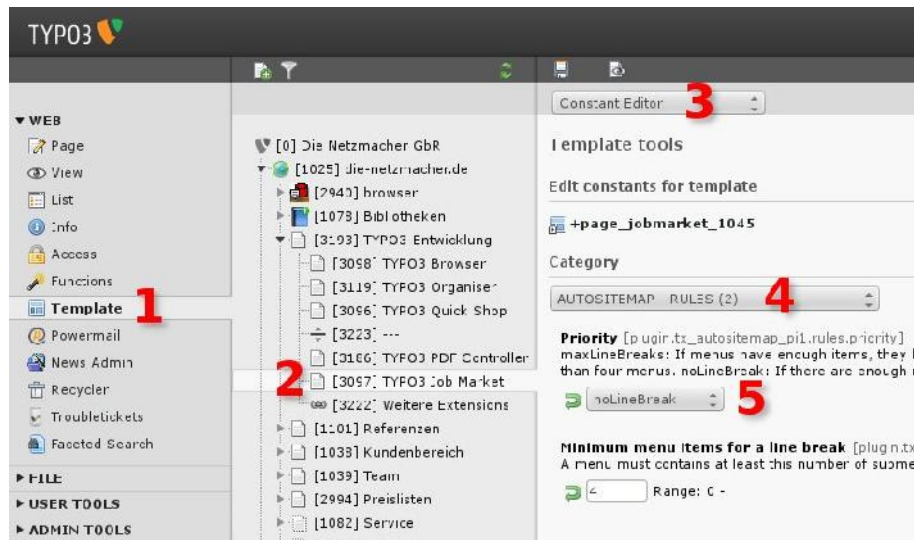


Illustration 23: TypoScript Constant Editor - maxLineBreaks

1. Web Modul: Template
2. Page tree: Root page or page of your choice
3. Edit area: [Constant Editor]
4. Category: [AUTOSITEMAP - RULES]
5. Priority: [noLineBreak]

Possible cases



Illustration 24: Any menu hasn't a line break.

Illustration 25: Same case with four menus

If you have less than four menus, you will receive less columns.

Configuration

Doktypes

You can exclude doktypes from the sitemap.

The doktypes 3, 6, 7, 199, 254, 255 (see below) are excluded by default. That means: the doktypes page and short cut will displayed by default.

You configure the doktypes by the TypoScript Constant Editor.

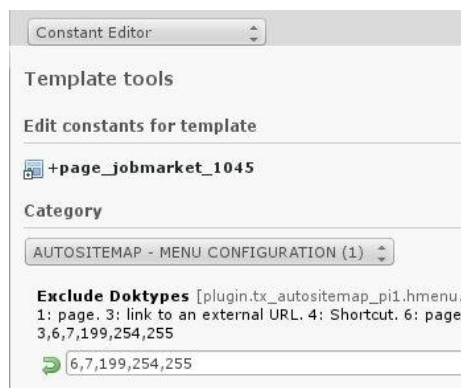


Illustration 26: Configuring doktypes

Defined doktypes

- 1: page
- 3: link to an external URL
- 4: Shortcut
- 6: page for backend user
- 7: mount point
- 199: menu separator
- 254: folder
- 255: recycler

Rule for a Line Break

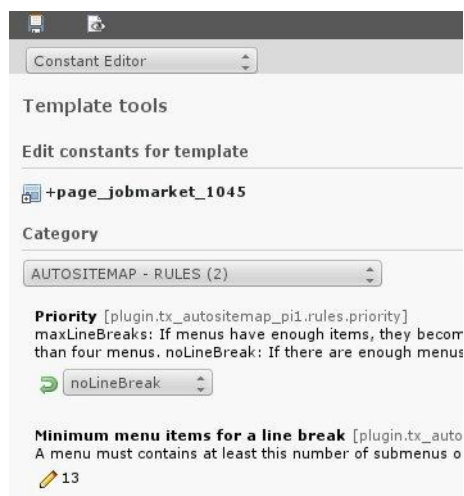


Illustration 27: Rule for a line break

You can configure, how many items a menu must have, to get a line break.

You configure the rule for a line break by the TypoScript Constant Editor.

Controlling Columns

See "Priority" on page 7 above.

CSS

autositemap includes a CSS file while runtime.

```
page.includeCSS {
    tx_autositemap_pil_yaml = EXT:autositemap/res/pil/yaml/autositemap_yaml.css
}
```

If you don't need it, please configure:

```
page.includeCSS {
    tx_autositemap_pil_yaml >
}
```

If you need an own CSS file please configure something like this:

```
page.includeCSS {
    tx_autositemap_pil_yaml >
    tx_autositemap_pil_yaml = fileadmin/my_files/my_own.css
}
```

Master Template

The TypoScript properties are configured by a master template in general.

The parts of the master template are allocated to the autositemap plugin like in the snippet below:

```
plugin.tx_autositemap_pil {
    css < plugin.tx_autositemap_pil.master_templates.yaml.css
    html < plugin.tx_autositemap_pil.master_templates.yaml.html
    menu_main < plugin.tx_autositemap_pil.master_templates.yaml.menus.menu_main
    menu_main_last < plugin.tx_autositemap_pil.master_templates.yaml.menus.menu_main_last
    menu_margin < plugin.tx_autositemap_pil.master_templates.yaml.menus.menu_margin
}
```

If you like to configure your own layout, please configure your own master template. A good example is the TypoScript of "+Autositemap YAML (autositemap)". See the files:

```
autositemap/static/pil/yaml
• constants.txt
• setup.txt
```

More Configuration in Depth

There are a lot of properties for customising.

Sorry, that these properties aren't a subject of this manual.

You have the option to inspect the TypoScript only.

Debugging

Follow the Workflow

You can follow the workflow with the DRS - the Development Reporting System.

You need the extension devlog.

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.

Enabling



Illustration 28: Enable the DRS - Development Reporting System

1. Modul Admin Tools: Extension Manager
2. Edit area: Select autositemap
3. [Configuration]
4. DRS: [Enabled]
5. [Update]

Reload the page with the autositemap in the frontend.

Report

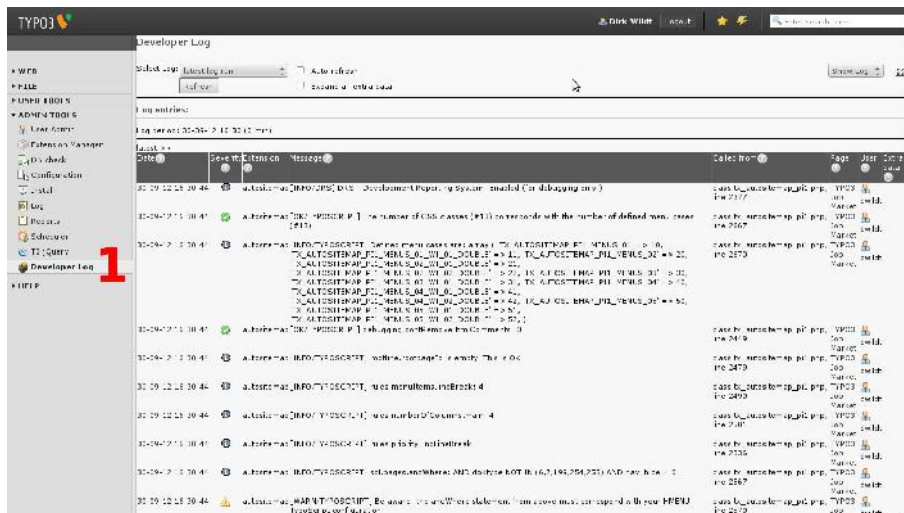


Illustration 29: Report of the DRS – Development Reporting System

Follow the workflow: read the report!

HTML Code

The autositemap uses some markers for replacement of HTML wraps.

It simplifies to fix bugs, if the markers won't be replaced in the HTML code, if there is any unexpected result,

Debugging

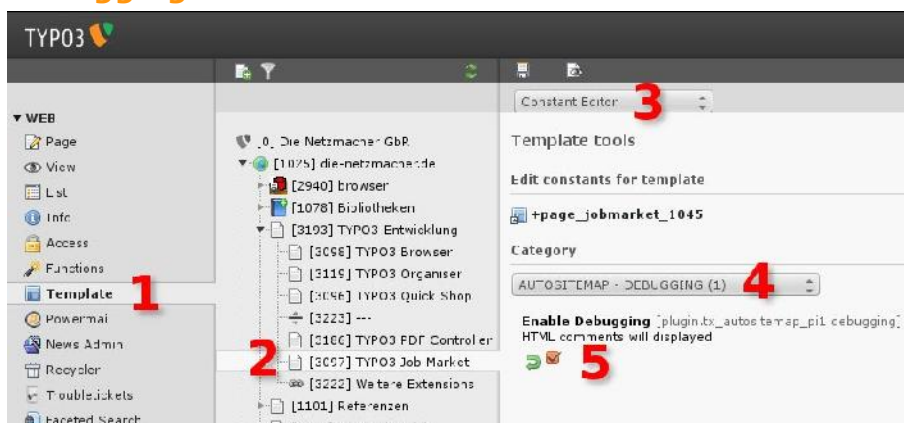


Illustration 30: Display HTML comments

Enable HTML comments (markers won't be removed):

1. Modul Web: Template
2. Page tree: Select a page with the autositemap plugin
3. Edit area: [Constant Editor]
4. Category: [AUTOSITEMAP - DEBUGGING]
5. [X] Enable Debugging

Reload the page in the frontend.

Inspect the HTML source code.


```
<footer id="footer" class="no-print"><!--##footer## begin -->
  <div class="shadow"><!--##shadow## begin -->
    <!--##shadow## end --></div>
    <div id="footer-logo"><div id="csc-default"><div class="tx-autositen
      <div class="ym-gr"><div class="ym-g20 ym-gl">
        <div class="ym-gbox"><!-- ##INNER-UID-3193## begin --><h1 class="cur"><
          </div><!-- ##OUTER-UID-3193## end --><!-- ##OUTER-UID-1101## begin -->
            <div class="ym-gbox"><!-- ##INNER-UID-1101## begin --><h1 class="ifsub">
              </div><!-- ##OUTER-UID-1101## end --><!-- ##OUTER-UID-1038## begin -->
                <div class="ym-gbox"><!-- ##INNER-UID-1038## begin --><h1 class="ifsub">
                  </div><!-- ##OUTER-UID-1038## end --><!-- ##OUTER-UID-1039## begin -->
                    <div class="ym-gbox"><!-- ##INNER-UID-1039## begin --><h1 class="ifsub">
                      </div><!-- ##OUTER-UID-1039## end --><div class="ym-g20 ym-gr">
                        <div class="ym-gbox"><h1 class="ifsub"><a href="#">listen/" title="Preisli
                      </div>
                    </div>
  </div>
```

Illustration 31: HTML source code with autositemap marker

Reference

Property:	Data type:	Description:	Default:
css	array	<p>Variables for your CSS classes.</p> <p>Please take a look into TypoScript of "+Autositemap YAML (autositemap)" see "Master Template" on page 13 above.</p> <p>Example:</p> <pre> plugin.tx_autositemap_pil { css { // One menu in a single column 10 = tx_autositemap_pil_menus_01 10 { // Class for a single column mainSingle = TEXT mainSingle { value = 100 } } // One menu in a double column 11 = tx_autositemap_pil_menus_01_wi_01_double 11 { // Class for a double column mainDouble = TEXT mainDouble { value = 100 } } ... } } </pre>	
debugging	array	<p>Support for debugging: HTML comments will removed by default (0). Please configure it by the TypoScript Constant Editor!</p> <p>Example:</p> <pre> plugin.tx_autositemap_pil { debugging { dontRemoveHtmlComments = TEXT dontRemoveHtmlComments { value = 0 } } } </pre>	0
html	array	<p>HTML snippets for wraps. The snippets must contain the variable %content%. %content% will replaced with the current main menu or submenu.</p> <p>Please take a look into TypoScript of "+Autositemap YAML (autositemap)" see "Master Template" on page 13 above.</p> <p>Example:</p> <pre> plugin.tx_autositemap_pil { html { sitemap = TEXT sitemap { ... } menuMainOuterWrap = TEXT menuMainOuterWrap { ... } menuMainInnerWrap = TEXT menuMainInnerWrap { ... } menuSubOuterWrap = TEXT menuSubOuterWrap { ... } } } </pre>	

Property:	Data type:	Description:	Default:
master_templates	array	<p>Master templates: it contains the whole configuration for the HMENU with TMENUs.</p> <p>Please take a look into TypoScript of "+Autositemap YAML (autositemap)" see "Master Template" on page 13 above.</p> <p>Example:</p> <pre>plugin.tx_autositemap_pil { master_templates = master_templates { ... } }</pre>	
menu_main menu_margin	array	<p>Configuration of the menu in the main section (first four columns) and of the menu in the margin section (fifth column).</p> <p>Please take a look into TypoScript of "+Autositemap YAML (autositemap)" see "Master Template" on page 13 above.</p> <p>Example:</p> <pre>plugin.tx_autositemap_pil { menu_main = menu_main_last = menu_margin = }</pre>	
rules	array	<p>Rules for the number of columns and the line break position. Please configure it by the TypoScript Constant Editor!</p> <p>Example:</p> <pre>plugin.tx_autositemap_pil { // Rules for number of columns and line break rules = rules { // Minimum of submenus and items for a line break menuItems = menuItems { ... } // Number of columns ...: DON'T TOUCH IT! numberOfColumns = numberOfColumns { ... } // Priority priority = TEXT priority { ... } } }</pre>	

Property:	Data type:	Description:	Default:
sql	array	<p>SQL statements. Contains an andWhere for the pages table only. Configuration has to correspond with the configuration of the HMENU.</p> <p>You don't need to configure it.</p> <p>Example:</p> <pre> plugin.tx_autositemap_pil { sql { // Table pages = pages { andWhere = TEXT andWhere { value = AND doktype NOT IN \ ({\$plugin.tx_autositemap_pil.hmenu.excludeDoktypes})\ 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

The option "One Line Break" doesn't seem to work proper.

To-Do List

Check the option "One Line Break".

Change Log

- 0.9.1 **Publishing**
 - Update
 - * Manual
- 0.0.4 **Improvements**
 - * margin column get the class ym-gr (former: ym_gl)
 - * Configuring the TypoScript Constant Editor
 - Bugfix
 - * pi1/locallang.xml
- 0.0.3 **New Feature**
 - * multiple master_templates
 - Effected file: static/pi1/setup.txt
 - * priorities: plugin.tx_autositemap_pi1.rules.priority
 - * maxLineBreaks
 - * oneLineBreak
 - * noLineBreak
- 0.0.2 **Manual**
- 0.0.1 **Initial release**
 - Dirk Wildt <http://wildt.at.die-netzmacher.de>

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