

Browser Tutorial RealUrl (en)

Browser – TYPO3 without PHP

Configure RealURL. Tutorial for the Browser – TYPO3 without PHP.



Version: 7.1.3, 2015-05-28

Extension Key: browser_tut_realurl_en

Language: en

Keywords: browser, typo3 without php, realurl

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Screen Shots



Illustration 1: URL without Real URL

A URL looks like this without Real URL:

- [http://die-netzmacher.de/index.php?id=2926&tx_browser_pi1\[showUid\]=14319&cHash=a81cae5084](http://die-netzmacher.de/index.php?id=2926&tx_browser_pi1[showUid]=14319&cHash=a81cae5084)



Illustration 2: URL without Real URL

A URL looks like this with Real URL:

- <http://die-netzmacher.de/nachrichten/title/ab-heute-die-netzmacher/>

Introduction

What does the Tutorial do?

This is a tutorial for the extension Browser (extkey: browser).

It is

- a step-by-step introduction for the configuration of the Real URL functionality

only.

If you are interested in other issues, please note the section "Further Informations" below.

What does the Browser do with Real URL?

- Searching in displayed and in non displayed columns.
- Searching for words and phrases. Example:
 - Word: "My Phrase" Word another word
 - Will search for "My Phrase" or "Word" or "another" or "word".
- The search is case insensitive.
- The search is configurable:
 - You can search in every column of every table. It doesn't matter, if table or filed are displayed in the current view.
 - You can configure the search form.
 - You can configure the colors of the result items.

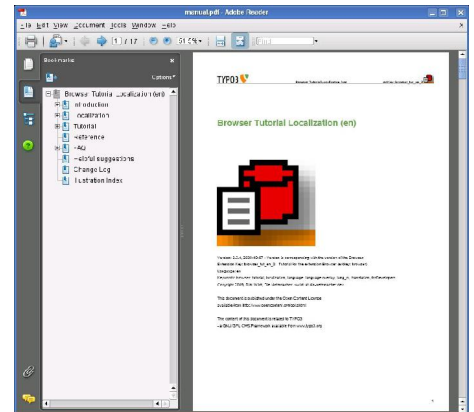


Illustration 3: Tutorial in PDF format

Further Information

This tutorial in PDF format

You find this manual as PDF file at

- doc/manual.pdf
- http://typo3.org/extensions/repository/view/browser_tut_realurl_en/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

Browser Manual and Browser Tutorial Basics

Manual: The Browser has it's own manual (with the reference of course).

- HTML <http://typo3.org/documentation/document-library/extension-manuals/browser/current/>
- PDF: http://typo3.org/extensions/repository/view/browser/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

Tutorial Basics: A lot of step-by-step introductions.

- HTML: http://typo3.org/documentation/document-library/extension-manuals/browser_tut_basics_en/current/
- PDF: http://typo3.org/extensions/repository/view/browser_tut_basics_en/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

Beforehand

Configuring Real URL in general

You can configure the Browser for Real URL with the common Real URL configuration.

Real URL Manual

You find the whole documentation for Real URL on

- <http://typo3.org/extensions/repository/view/realurl/current/>

Tutorial

Configuration for all pages in general

If you have a small website with a small RealUrl configuration, you should take the easy way: Configuring RealURL for all pages of your site.

Browser Sample

You find a Browser sample at:

`typo3conf/ext/browser/Resources/Private/Extensions/RealURL/realurl_conf.php`

realurl_conf.php

You find the TypoScript code in `res/01_realurl_conf.php`.

```
<?php

////////////////////////
//
// Snippet for tt_news

// It is for the file localconf.php or realurl_conf.php

// If you have your own table like tx_mytable, please configure
// ...
//      'lookUpTable' => array(
//          'table' => 'tx_mytable',
//          ...
//      )

$TYPO3_CONF_VARS['EXTCONF']['realurl'] = array(
    '_DEFAULT' => array(
        'postVarSets' => array(
            '_DEFAULT' => array(
                'title' => array(
                    array(
                        'GETvar' => 'tx_browser_pil[showUid]' ,
                        'lookUpTable' => array(
                            'table' => 'tt_news',           // <- Your table
                            'id_field' => 'uid',
                            'alias_field' => 'title',
                            'addWhereClause' => ' AND NOT deleted AND NOT hidden',
                            'useUniqueCache' => 1,
                            'useUniqueCache_conf' => array(
                                'strtolower' => 1,
                                'spaceCharacter' => '-',
                            ),
                        ),
                    ),
                ),
            ),
            'az' => array(
                array(
                    'GETvar' => 'tx_browser_pil[azTab]' ,
                ),
            ),
            'mode' => array(
                array(
                    'GETvar' => 'tx_browser_pil[mode]' ,
                ),
                array(
                    'GETvar' => 'tx_browser_pil[pointer]' ,
                ),
            ),
            'sort' => array(
                array(
                    'GETvar' => 'tx_browser_pil[sort]' ,
                ),
            ),
            'sword' => array(
                array(
                    'GETvar' => 'tx_browser_pil[sword]' ,
                ),
            ),
        ),
    ),
),
```

```

    ),
  ),
)
?>

```

Please copy the code in you localconf.php or in your realurl_conf.php.

Comment

Every parameter of the Browser Tutorial RealUrl (en) will be renamed as a word of your choice. Example with the the code above:

```

35.         'az' => array(
36.             array(
37.                 'GETvar' => 'tx_browser_pi1[azTab]' ,
38.             ),

```

The parameter "tx_browser_pi1[azTab]" (line 37) will be renamed as brwAZ (line 35). If you like another name i.e. "myAz", please change the value in line 35 to "myAz".

The uid of the record will be renamed as the title of the record. Example with the code above:

```

19.         'title' => array(
20.             array(
21.                 'GETvar' => 'tx_browser_pi1[showUid]' ,
22.                 'lookUpTable' => array(
23.                     'table' => 'tt_news',           // <- Your table
24.                     'id_field' => 'uid',
25.                     'alias_field' => 'title',
26.                     'addWhereClause' => ' AND NOT deleted AND NOT hidden',
27.                     'useUniqueCache' => 1,
28.                     'useUniqueCache_conf' => array(
29.                         'strtolower' => 1,
30.                         'spaceCharacter' => '-',
31.                     ),
32.                 ),
33.             ),
34.         ),

```

The code should be easy to understand.

We have an array lookUpTable in line 22. This effects that the extension Real URL will look up in the defined table a value for the given uid.

In the case above, Real URL will search the record by its "uid" (line 24) in the table "tt_news" (line 23) and will renamed the uid as the value from the "title" (line 25).

If you want to know more about configuration possibilities, please take a look in the manual of the extension Real URL.

Configure pages differently

We had a contract to develop the Browser for displaying records from the database Virtual Civil Services (extkey: civserv). It is a database especially for public services. It displays services, agencies and forms among other things.

If you have a detail view of a service like a dog license fee there is a link to the appropriate agency like the city finance department. Real URL generates a proper link to that agency if you are using the fixedPostVars array.

The fixedPostVars array enables a real URL configuration depending on the current page.

realurl_conf.php

You find the TypoScript code in res/02_realurl_conf.php.

In line 46 is a page id. Please replace it with your page id.

```

1. <?php
2.
3. ...
4.
5. $TYPO3_CONF_VARS['EXTCONF']['realurl'] = array
6. (
7.     ...
8. );
9.
10.
11. //////////////////////////////////
12. //
13. // Real URL onfiguration for civserv depending on the current page
14.
15. $TYPO3_CONF_VARS['EXTCONF']['realurl']['_DEFAULT']['fixedPostVars'] = array
16. (
17.     'tx_civserv_service' => array
18.     (
19.         array
20.         (
21.             'GETvar' => 'tx_browser_pil[azTab]',
22.             'valueDefault' => 'A-Z',
23.         ),
24.         array
25.         (
26.             'GETvar' => 'tx_browser_pil[showUid]',
27.             'lookUpTable' => array
28.             (
29.                 'table' => 'tx_civserv_service',
30.                 'id_field' => 'uid',
31.                 'alias_field' => 'sv_name',
32.                 'addWhereClause' => ' AND NOT deleted AND NOT hidden',
33.                 'useUniqueCache' => 1,
34.                 'useUniqueCache_conf' => array
35.                 (
36.                     'strtolower' => 1,
37.                     'spaceCharacter' => '-',
38.                 ),
39.             ),
40.         ),
41.         array
42.         (
43.             'GETvar' => 'tx_browser_pil[pointer]',
44.         ),
45.     ),
46.     '1512' => 'tx_civserv_service',
47. );
48.
49. ...
50.
51. $TYPO3_CONF_VARS['EXTCONF']['realurl']['_DEFAULT']['postVarSets'] = array
52. (
53.     ...
54. );
55.
56. ?>

```


Comment

You see the completely code in `res/02_realurl_conf.php`

The code has three parts:

1. Default real URL configuration
2. Real URL configuration for civserv depending on the current page
3. Real URL configuration for all pages

Default real URL configuration

- Here you configure the general real URL configuration

Real URL configuration for civserv depending on the current page

- Here you configure the real URL configuration only for the configured page (see line 46)

Further Information

See the Tutorial "Page Browser and A-Z-Browser". The A-Z-Browser has a paragraph with real URL.

You find it in the Tutorial Basics.

Recover piVars for Links to the Single View

The Browser remove some piVars from the list in the default mode to get short URL.

There should be only one piVar available in links to a single view - the sword.

If you have your own requirements, you can recover every piVar. Please configure the following TypoScript:

```
plugin.tx_browser_pi1 {
    advanced {
        realUrl {
            linkToSingle {
                // [boolean] If it's true, the array dont_display_piVars will be processed
                dont_display_piVars = 1
                dont_display_piVars {
                    // [boolean] If it's true, piVars[azTab] won't used in a link to a single view
                    azTab = 1
                    // [boolean] If it's true, piVars[sort] won't used in a link to a single view
                    mode = 1
                    // [boolean] If it's true, piVars[mode] won't used in a link to a single view
                    pointer = 1
                    // [boolean] If it's true, piVars[pointer] won't used in a link to a single view
                    plugin = 1
                    // [boolean] If it's true, piVars[sort] won't used in a link to a single view
                    sort = 1
                    // [boolean] If it's true, piVars[sword] won't used in a link to a single view
                    sword = 0
                }
            }
        }
    }
}
```

Reference

See the section Reference in the Browsers manual in

- HTML <http://typo3.org/documentation/document-library/extension-manuals/browser/current/>
- PDF: http://typo3.org/extensions/repository/view/browser/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

Helpful suggestions

Forum

If you have helpful suggestions, feel free to publish any question, bug or code snippet on

- <http://typo3-browser-forum.de/>

Posts are welcome in English and German.

New Features and Bug Reports

You are welcome to post any question, bug or code snippet on TYPO3 forge.

Here you find feature announcements and bug reports.

See

- <http://forge.typo3.org/projects/show/extension-browser>

Change Log

- 7.1.3 **Feature**
* #i0176: RealURL sample. See: `typo3conf/ext/browser/Resources/Private/Extensions/RealURL/realurl_conf.php`
- Update**
* #i0002: For Browser 7.1.2
- 3.0.1 **Initial release**

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