

# Browser Manual (en)

## Browser – TYPO3 without PHP

Publish the data of your extension with the Browser – TYPO3 without PHP! You don't need neither any own PHP code nor any own plugin. You can save up to 85 percent of your operating expense.

The Browser – TYPO3 without PHP – provides responsive templates, an index browser (a-z), a page browser, a record browser, a search form, filters, category menus, AJAX, GoogleMaps and OpenStreetMap by default. SEO – Search Engine Optimization – is optional.



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Language: en

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The content of this document is related to TYPO3 - a GNU/GPL CMS/Framework available from [www.typo3.org](http://www.typo3.org)

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# Screen Shots

## Key Image

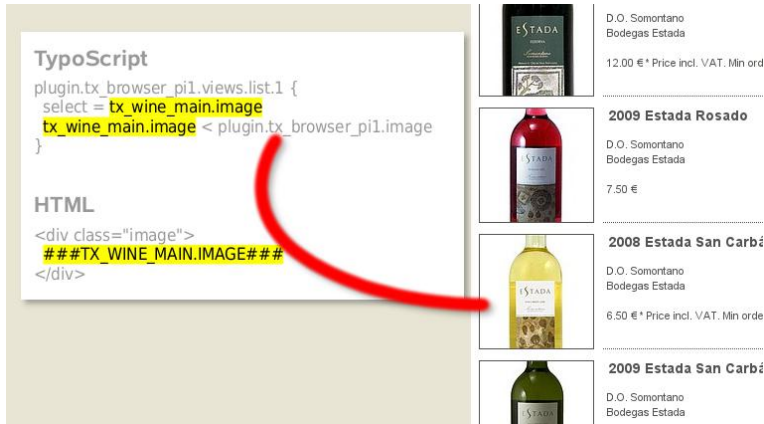
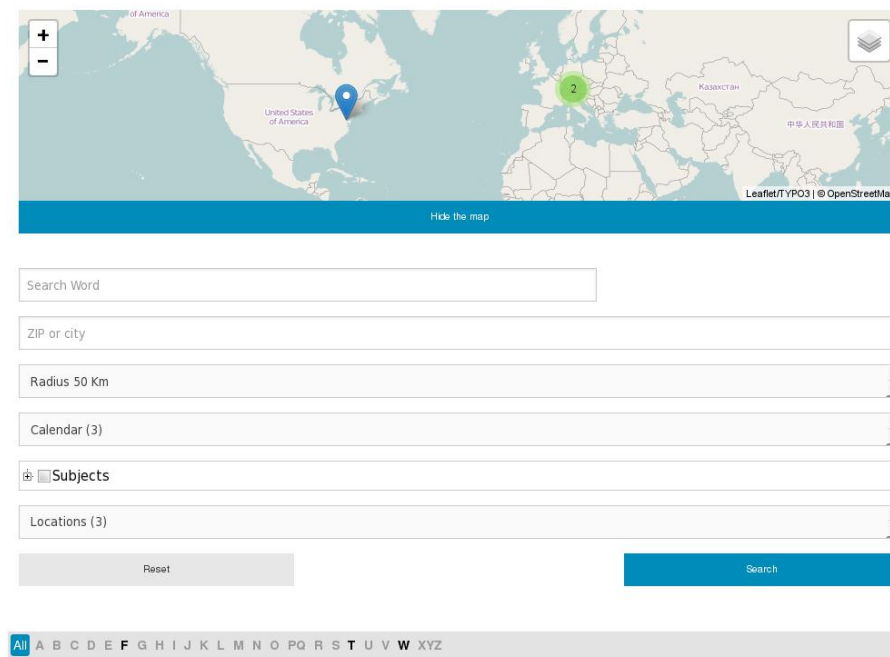


Illustration 1: Amazing - you need two lines TypoScript to render an image.

Publish the data of your extension with the Browser – TYPO3 without PHP! You don't need neither any own PHP code nor any own plugin. You can save up to 85 percent of your operating expense.

Screenshot from <http://typo3-wine.de>

## Filter



### White House Easter Egg Roll

Subjects: society



The President and First Lady announced today that this year's White House Easter Egg Roll will be held on Monday, April 25, 2011 with the theme of "Get Up and Go!" promoting health and wellness. [URL »](#)

The White House in DC 20500-0003 Washington D.C., United States



Tue  
**01**  
Apr 14

Illustration 2: The Browser – TYPO3 without PHP – supports a lot of filters

The Browser – TYPO3 without PHP – simplifies to filter data by categories, by a radial search or by displaying it in a map.

Example at <http://typo3-organiser.de> > Calendar

## Responsive

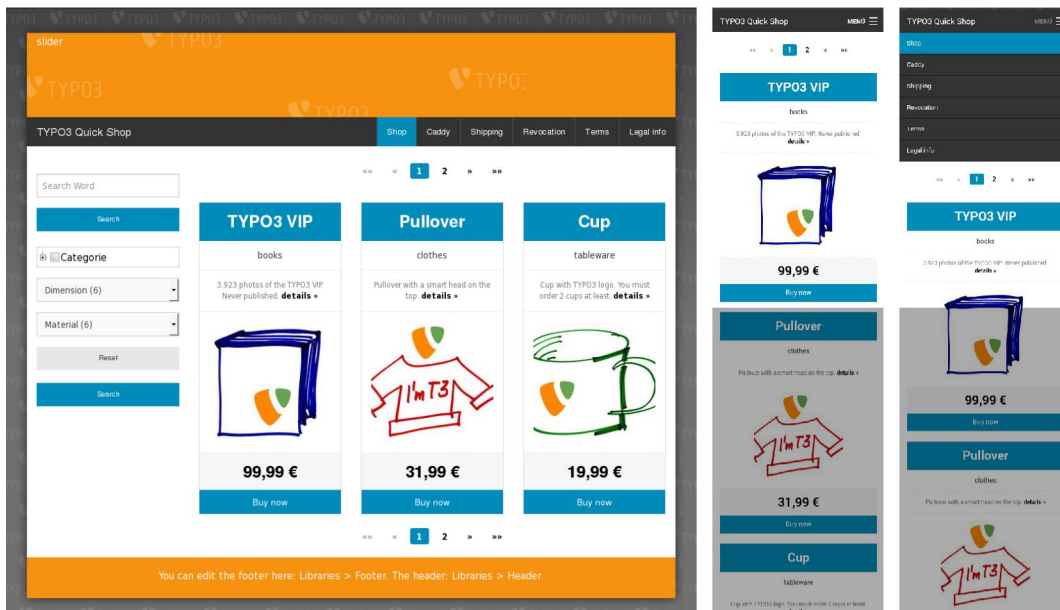


Illustration 3: List view on a desktop (left) and on a smartphone (right)

The Browser – TYPO3 without PHP – is responsive. Templates are optimised for desktops, tablets and smartphones.

Example at <http://typo3-quick-shop.de/>

## Ready-to-use Extensions

If you like to test the Browser – TYPO3 without PHP –, you can install ready-to-use extensions with one mouse click.

See the illustration below for the extension **Organiser – TYPO3 for Lobbies and Organisers**.

### Organiser Installation

#### Check \$TYPO3\_CONF\_VARS

✓ \$TYPO3\_CONF\_VARS[FE][pageNotFoundOr404][errorMessage] is proper.

#### Check extension dependencies

- ✓ autokateemplates: "Template & Auto-panels" is loaded.
- ✓ baseorg: "Organiser - Template" is loaded.
- ✓ browser: "Browser - TYPO3 without PHP" is loaded.
- ✓ caddy: "Caddy - TYPO3 shopping cart" is loaded.
- ✓ cps\_cadres: "Record tree for TCA" is loaded.
- ✓ cpe\_dvch: "Developer Library" is loaded.
- ✓ flip: "Flip to TYPO3 for real magazines" is loaded.
- ✓ linkhandlerconf: "HAOE linkhandler configurator" is loaded.
- ✓ org: "Organiser - TYPO3 for lobbies and organisers" is loaded.
- ✓ powermail: "Powermail" is loaded.
- ✓ seo\_dynamic\_tag: "SEO Dynamic Tag" is loaded.

#### Start the Installation

- Create a backend group.
- Create a page tree.
- Create the plugin browser caddy and powermail.
- Create page content.
- Create TypoScript for the browser, caddy and powermail.
- Create configuration records for powermail.
- Create records.
- Create files and images.
- Create page content.
- Create dating.

Start the Installation

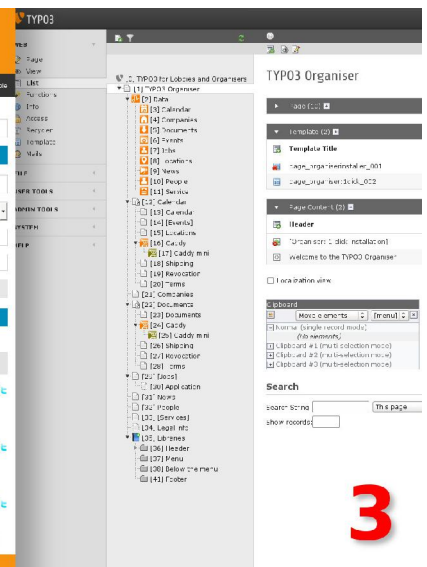
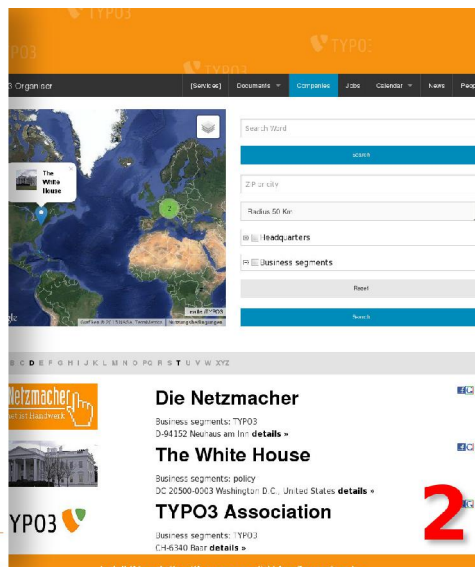


Illustration 4: Install the Organiser with one click! Installer button (1). Result in the frontend (2) and in the backend (3).

# Introduction

The Browser – TYPO3 without PHP – enables TYPO3 developers and TYPO3 integrators to develop own extensions without any own plugin and without any own line PHP code. Use the Browser and you will develop TYPO3 eight times faster! The "Functional Schematic" is illustrated on page 72 below.

## What does it do?

- With one line TypoScript you will get a result list with a search form, a page browser and an index browser for your tt\_news records or for any other database of any other extension. With one line TypoScript more you will get a single display of your record extended with a record browser.
- The extension simplifies the team play of HTML templates and TypoScript.  
Example with tt\_news: The TypoScript code "select = tt\_news.title" and the HTML marker `###TT_NEWS.TITLE###` will display news titles in list and single views in the frontend.
- The Browser discovers relations between tables like tt\_news and tt\_news\_cat automatically. It displays data of related tables in list and single views. The extension builds the SQL relations automatically. If it fails, it is possible to configure the relations manually.
- The Browser has it's own search engine and it offers filters. You can filter for data areas like 2009 to 2011 or 10.000 EUR to 20.000 EUR. Filter can be check boxes, radio buttons, select boxes, lists and tree views.
- BrowserMaps – the Browsers map module – enables you, to publish your data with Google Maps and OpenStreetMap.
  - The Browser offers a radial search. For example: Display all hits within a radius of 50 kilometers with the center of Berlin.
  - BrowserMaps is able to add latitude and longitude to any address data while editing a record and periodically by a cron job.
- The Browser supports the export of data in CSV format and XML format (like RSS feeds).
- The Browser is multiple plugin able: You can use the Browser plugins on a page unlimited.
  - Plugins are able to control other plugins. They can hide or display depending on URL parameters.
- The Browser is supported by the DRS – Development Reporting System. The DRS displays both: errors and work flow. For example: If you like to inspect the performance, you can enable the performance report. The DRS investigates bottlenecks and if it will find some, it try to suggest a solution.
- You can install Browser samples ready-to-use with one mouse-click:
  - Organiser – TYPO3 for the Lobby and the Organisers<sup>1</sup>
  - Quick Shop – Responsive, ready-to-use, one-click-installation<sup>2</sup>
- The Browser can recover extensions, which are running in TYPO3 4.x only.
- The Browser supersedes template engines like Smarty.

## What do you need?

- TYPO3 from 4.5 to 6.x
- Experience in TypoScript.
- The extension devlog, if you want to use the DRS – the Development Reporting System.

## Audience

- TYPO3 integrators, who have less knowledge about TYPO3 and TypoScript and have little demands.
- TYPO3 developers and TYPO3 agencies, who have a lot of experience with TYPO3 and TypoScript and have high demands.

<sup>1</sup> <http://typo3-organiser.de/>

<sup>2</sup> <http://typo3-quick-shop.de/>

## Non possible features

- The Browser doesn't support
  - neither versioning
  - nor workspaces.

# Installation

## Extension Manager

Open the extension manager, download the extension Browser (extkey: browser) and install it.

## Ready-to-use Sample

If you like to use the Browser – TYPO3 without PHP – immediately and without any other extension, you can use a ready-to-use sample.

Base of this sample is the tt\_content table, which contains all your content elements.

The sample will display the content elements in list and single views.

## Add Page, Browser Plugin and Template

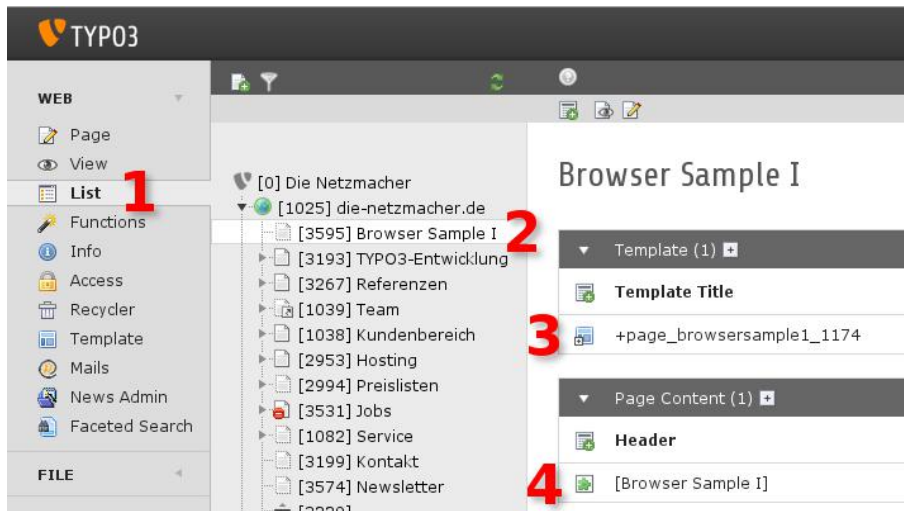


Illustration 5: The page "Browser Sample I" with the Browser plugin and an extension template

1. Modul Web > List
2. Page tree Add a page to your page tree.  
Call it "Browser Sample I".
3. Edit area Add an extension template to your page.  
Call it in the format "type\_name-of-your-page\_uid-of-yourTypoScript-template".  
Here: "+page\_browsersample1\_1174"
4. Add the Browser plugin to the page.  
Call it "[Browser Sample I]".  
Set the header type to: [hidden].  
Configure the other properties later (see below).

## Configuring

### Template

Configure the extension template. Here: +page\_browsersample1\_1174

### [Includes]

Add in the tab [Includes] into the field "Include static (from extensions):" the four templates:

- CSS Styled Content (css\_styled\_content)
- Browser [1] Basis (browser)
- Browser [1] + pageBrowser Wrap v4.9 (browser)<sup>1</sup>
- Browser [3] + Sample with tt\_content (browser)

<sup>1</sup> Optional: Needed only, if you like the HTML wrap of the Browser 4.x for the page browser.



## Browser Plugin / Flexform

### Record Storage Page

Please set the starting point of your tt\_content data. Here: the root page.

1. Modul Web > List
2. Page tree Browser Sample I
3. Edit area Plugin [Browser Sample I]
4. tab [Behaviour]
5. Field "Record Storage Page": your rootpage. Here: die-netzmacher.de
6. Recursive: [Infinite]

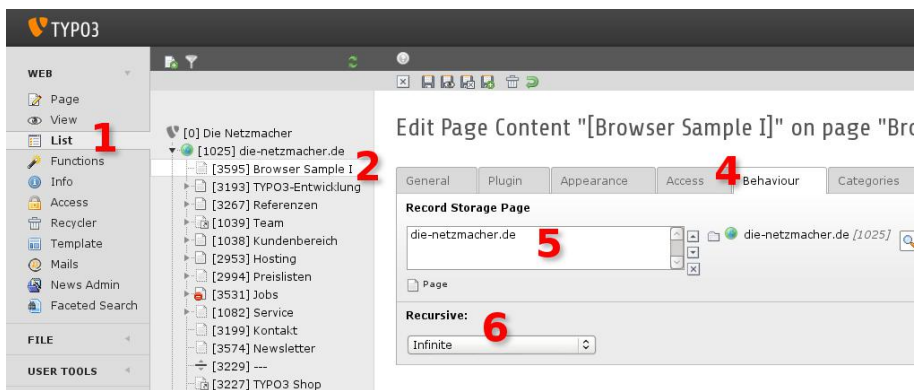


Illustration 6: The flexform of the Browser plugin: Record Storage Pid

### Title in the list view

Please set the title for the list view. Here: Browser Sample I

- tab [Plugin]
- tab [List View]
- Title: Browser Sample I

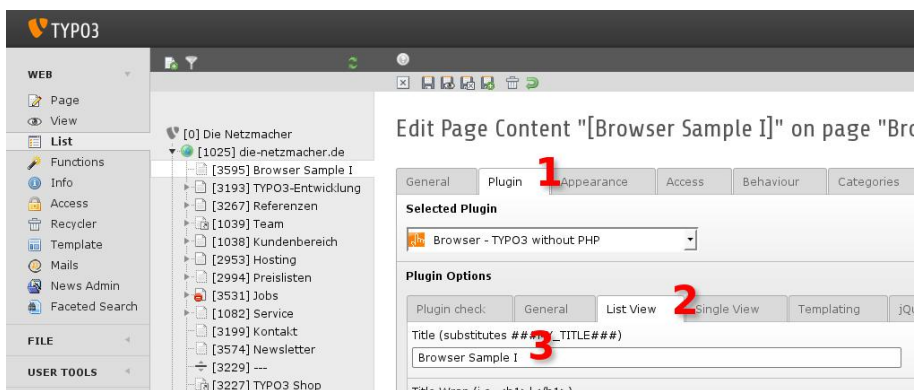


Illustration 7: The flexform of the Browser plugin: the title in the list view

## Result in the Frontend

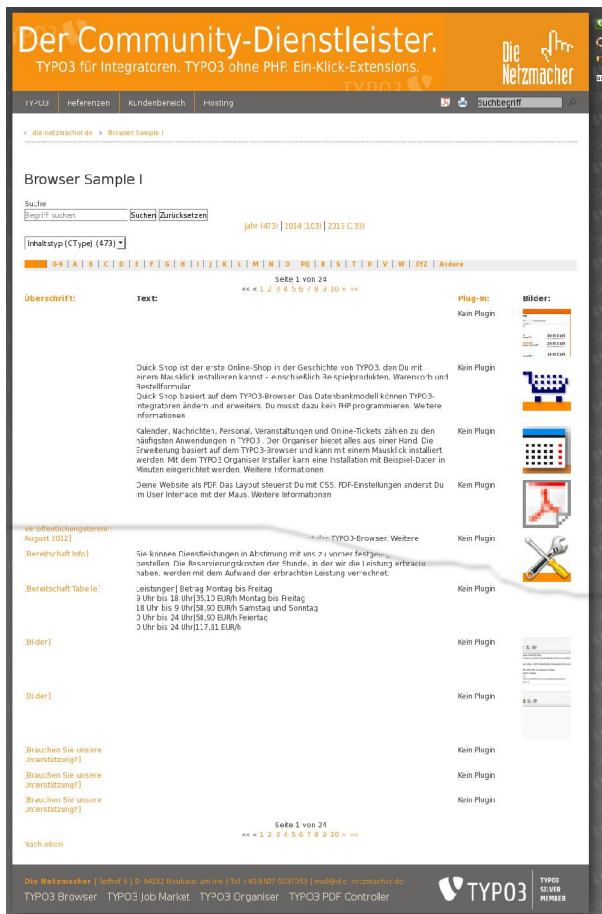


Illustration 8: List view

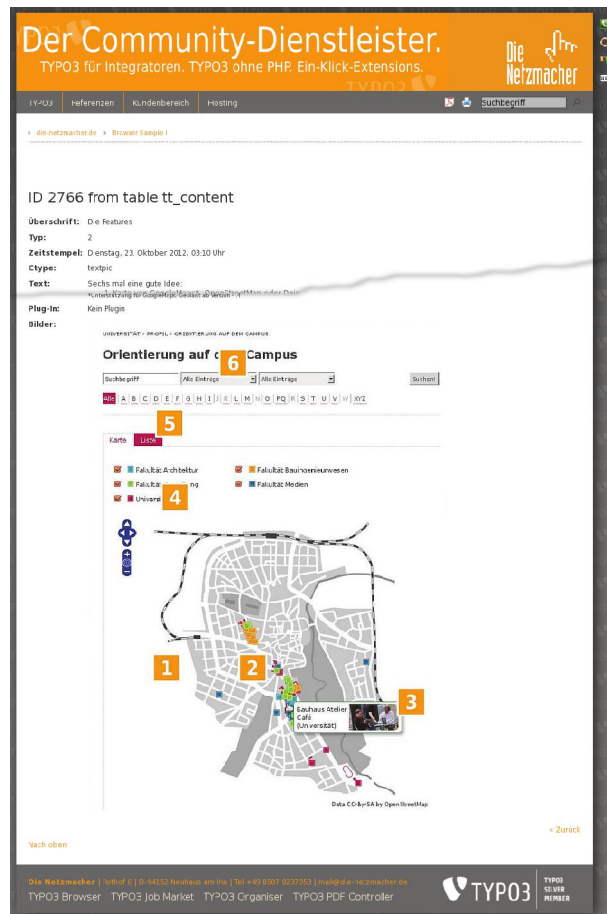


Illustration 9: Single view

The result depends on the corporate design of your website.

### List View

The sample lists your content elements with

- the header,
- the bodytext,
- a plugin value, if it is a plugin, and
- the first image, if it contains images.

You can sort the list by the header columns ord the plugin column.

The form above the list contains

- an input field for a search word,
- a menu with periods (here: years),
- a select box with available CTypeS,
- an index browser (A-Z) and
- a page browser.

### Single View

The single view contains some more details and all images of the content record.

## Change some properties in the Flexform of the Plugin

We like to change some stuff in the frontend. We like to disable

- the index browser
- the page browser and
- the search form

### Tab [List Views]

- Navigation: Disable
  - [ ] Index Browser
  - [ ] Page Browser
- Select box "Search": [configured]
- Check box "Search: Form": Disable "Display the form"

## Result in the Frontend

Browser Sample I

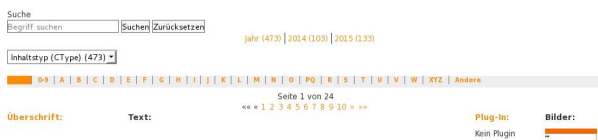


Illustration 10: List view with the form, filter and browsers

Browser Sample I



Illustration 11: List view without form, filter and browsers

# TypoScript

## File structure

Configuration/TypoScript/samples/tt\_content

```
tt_content/
├── constants.txt
├── list
│   ├── filter.ts
│   ├── htmlSnippets.ts
│   ├── setup.ts
│   ├── sql.ts
│   └── tableFields.ts
├── locallang.ts
├── setup.txt
├── single
│   ├── setup.ts
│   ├── sql.ts
│   └── tableFields.ts
```

## List View

### General

Configuration/TypoScript/samples/tt\_content/list/setup.ts

```
plugin.tx_browser_pi1 {
    views {
        list {
            // [String] Name of the view. It will displayed in the plugin/flexform
            43746 = Browser: ready-to-use with tt_content
            43746 {
                // [String] Name of the view.
                name = Browser: ready-to-use with tt_content
                // [String] Alias for showUid.
                showUid = {$plugin.tx_browser_pi1.navigation.showUid}
            }
        }
    }
}
```

All values are configured by the Constant Editor, which are beginning with "{\$plugin.tx\_browser\_pi1. ..."

See the configuration of the showUid at

- Constant Editor > Category: [BROWSER - NAVIGATION (3)]

File: Configuration/TypoScript/samples/tt\_content/constants.txt

## SQL

Configuration/TypoScript/samples/tt\_content/list/sql.ts

```

plugin.tx_browser_pil {
    views {
        list {
            43746 {
                // [String] Select clause (don't confuse it with the SQL select)
                select (
                    tt_content.header,
                    tt_content.bodytext,
                    tt_content.list_type,
                    tt_content.image,
                    tt_content.uid
                )

                // Order of the records
                orderBy = tt_content.header, tt_content.list_type
                // Link the header to the single view
                csvLinkToSingleView = tt_content.header
                // Don't display fields as columns in the table
                functions {
                    clean_up {
                        csvTableFields = tt_content.uid
                    }
                }
            }
        }
    }
}

```

## Filter

Configuration/TypeScript/samples/tt\_content/list/filter.ts

```

plugin.tx_browser_pil {
    views {
        list {
            43746 {
                filter {
                    tt_content {
                        CType < plugin.tx_browser_pil.displayList.master_templates.selectbox
                        CType {
                            first_item {
                                cObject {
                                    20 {
                                        data >
                                        value = Content type (CType)
                                        lang {
                                            de = Inhaltstyp (CType)
                                            en = Content type (CType)
                                        }
                                    }
                                }
                            }
                        }
                        wrap = <div class="selectbox">|</div>
                    }
                    tstamp < plugin.tx_browser_pil.displayList.master_templates.category_menu
                    tstamp {
                        first_item {
                            cObject {
                                20 {
                                    data >
                                    value = Year
                                    lang {
                                        de = Jahr
                                        en = Year
                                    }
                                }
                            }
                        }
                        wrap = <span class="category_menu">|</span>
                        order.field = uid
                        area < plugin.tx_browser_pil.displayList.master_templates.areas.sample_period
                    }
                }
            }
        }
    }
}

```

## TableFields

Configuration/TypoScript/samples/tt\_content/list/tableFields.ts

```

plugin.tx_browser_pil {
    views {
        list {
            43746 {
                tt_content {
                    image = FILES
                    image {
                        references {
                            table = tt_content
                            uid {
                                field = tt_content.uid
                            }
                            fieldName = image
                        }
                        begin = 0
                        maxItems = 1
                        renderObj < plugin.tx_browser_pil.displayList.master_templates.tableFields.image.0.default
                        renderObj {
                            file {
                                import {
                                    data = file:current:uid
                                    stdWrap >
                                }
                                treatIdAsReference = 1
                            }
                        }
                    }
                }
                list_type = COA
                list_type {
                    // If it is default content
                    10 = TEXT
                    10 {
                        if {
                            isFalse {
                                field = tt_content.list_type
                            }
                        }
                        value = No plugin
                        lang {
                            de = Kein Plugin
                            en = No plugin
                        }
                    }
                }
                // If it is a plugin
                20 = TEXT
                20 {
                    if {
                        isTrue {
                            field = tt_content.list_type
                        }
                    }
                    field = tt_content.list_type
                }
            }
        }
    }
}

```

images are managed by the FAL (File Abstraction Layer). The snippet above is conform with the FAL.

The FILES property renderObj is configured by the Constant Editor.

See the configuration at the

- Constant Editor > Categories
  - [BROWSER - TEMPLATES - LIST - IMAGE 0\* (9)]
  - [BROWSER - TEMPLATES - LIST - URL 0\* (9)]

File: Configuration/TypoScript/samples/tt\_content/constants.txt

## HTML snippets

Configuration/TypoScript/samples/tt\_content/list/htmlSnippets.ts

```

plugin.tx_browser_pil {
    views {
        list {
            43746 {
                htmlSnippets =
                htmlSnippets {
                    marker {
                        filter = TEXT
                        filter {
                            value (
                                <div class="filter">
                                    ###TT_CONTENT.TSTAMP###
                                    ###TT_CONTENT.CTYPE###
                                </div>
                            )
                        }
                    }
                }
            }
        }
        subparts {
            listview = TEXT
            listview {
                value (
                    <div class="columns">
                        <div class="row">
                            <div class="columns listview">
                                <table###SUMMARY###>
                                    <caption###CAPTION###>
                                        <!-- ###LISTHEAD### begin -->
                                        <thead>
                                            <tr><!-- ###LISTHEADITEM### begin -->
                                                <th###CLASS###>###ITEM###</th><!-- ###LISTHEADITEM### end -->
                                            </tr>
                                        </thead><!-- ###LISTHEAD### end -->
                                        <tbody><!-- ###LISTBODY### begin -->
                                            <tr###CLASS###><!-- ###LISTBODYITEM### begin -->
                                                <td###CLASS###>###ITEM### <!-- ###SOCIALMEDIA_BOOKMARKS###>
                                                    <!-- ###LISTBODYITEM### end -->
                                                </td>
                                            </tr><!-- ###LISTBODY### end -->
                                        </tbody>
                                    </table>
                                </div><!-- /columns --><!-- /listview -->
                            </div><!-- /row -->
                        </div><!-- /columns -->
                    )
                }
            }
        }
    }
}

```

The Browser – TYPO3 without PHP – is using HTML templates of course. The Browser enables you, to replace marker and subparts of this templates by TypoScript. See the snippet above.



## Single View

### General

Configuration/TypoScript/samples/tt\_content/single/setup.ts

```
plugin.tx_browser_pil {
    views {
        single {
            43746 = Browser: ready-to-use with tt_content
            43746 {
                name = Browser: ready-to-use with tt_content
            }
        }
    }
}
```

### SQL

Configuration/TypoScript/samples/tt\_content/single/sql.ts

```
plugin.tx_browser_pil {
    views {
        single {
            43746 {
                select (
                    tt_content.header,
                    tt_content.header_layout,
                    tt_content.tstamp,
                    tt_content.CType,
                    tt_content.bodytext,
                    tt_content.list_type,
                    tt_content.image,
                    tt_content.imageheight,
                    tt_content.imagewidth,
                    tt_content.uid
                )

                functions {
                    clean_up {
                        csvTableFields (
                            tt_content.imageheight,
                            tt_content.imagewidth,
                            tt_content.uid
                        )
                    }
                }
            }
        }
    }
}
```

## TableFields

Configuration/TypoScript/samples/tt\_content/single/tableFields.ts

```

plugin.tx_browser_pil {
    views {
        single {
            43746 {
                tt_content {
                    image = FILES
                    image {
                        references {
                            table = tt_content
                            uid {
                                field = tt_content.uid
                            }
                            fieldName = image
                        }
                    }
                    begin = 0
                    maxItems = 99
                    renderObj = IMAGE
                    renderObj {
                        file {
                            import {
                                data = file:current:uid
                            }
                            treatIdAsReference = 1
                            height = {$plugin.tx_browser_pil.templates.singleview.image.0.heightDefault}
                            height {
                                override {
                                    field = {$plugin.tx_browser_pil.templates.singleview.image.0.height}
                                }
                            }
                            width = {$plugin.tx_browser_pil.templates.singleview.image.0.widthDefault}
                            width {
                                override {
                                    field = {$plugin.tx_browser_pil.templates.singleview.image.0.width}
                                }
                            }
                        }
                    }
                    altText {
                        data = file:current:title
                        stdWrap {
                            stripHtml = 1
                            htmlSpecialChars = 1
                        }
                    }
                    titleText < .altText
                    wrap = <div class="slide">|</div>
                }
                stdWrap.wrap = <div class="carousel">|</div>
            }
        }
    }
    list_type = COA
    list_type {
        // If it isn't any plugin
        10 = TEXT
        10 {
            if {
                isFalse {
                    field = tt_content.list_type
                }
            }
            value = No plugin
            lang {
                de = Kein Plugin
                en = No plugin
            }
        }
        // If it is a plugin
        20 = TEXT
        20 {
            if {
                isTrue {
                    field = tt_content.list_type
                }
            }
            field = tt_content.list_type
        }
    }
    tstamp = TEXT

```

```

        tstamp {
            field      = tt_content.tstamp
            strftime   = %A, %d. %B %Y, %H:%M Uhr
        }
    }
}
}
}

```

Some properties of the image are configured by the Constant Editor.

See the configuration at the

- Constant Editor > Categories [BROWSER - TEMPLATES - LIST - IMAGE 0\* (9)]

File: Configuration/TypoScript/samples/tt\_content/constants.txt

## LOCAL\_LANG

Configuration/TypoScript/samples/tt\_content/locallang.ts

```

plugin.tx_browser_pil {
    _LOCAL_LANG {
        default {
            tt_content_ctype = CType:
            tt_content_tstamp = Timestamp:
        }
        de {
            tt_content_ctype = CType:
            tt_content_tstamp = Zeitstempel:
        }
    }
}

```

## Investigate the Browser flexform!

The Browser plugin/flexform has some possibilities for configuration of your views. Investigate it!

## Own HTML snippets

The example above is an example with a Browser default template.

This template is wonderful, if you want output list views and single views immediately. But they are inapplicable for building own designs.

See details in the tutorial Templating. See

- "Templating" on page 42 below.

# More Samples

## Sample with tt\_news

Like in this tutorial above there is a tutorial with tt\_news. That tutorial should be a help, if you like to publish data with your own extension.

See

- HTML: [http://typo3.org/extensions/repository/view/browser\\_tut\\_tt\\_news\\_en/](http://typo3.org/extensions/repository/view/browser_tut_tt_news_en/)
- PDF: [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_tt\\_news\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_tt_news_en/doc/manual.pdf)

## Ready-to-use Extensions

If you like to test the Browser with powerful databases, you can install both extensions ready-to-use with one mouse click:

- Quick Shop – Responsive, ready-to-use, one-click-installation
- Organiser – TYPO3 for Lobbies and Organisers

Ready-to-use means: you get

- a responsive website
- a lot of sample data like products, calendar items and news
- interactive maps
- with a caddy for reserve tickets or buy products.

## Quick Shop – Responsive, ready-to-use, one-click-installation

Quick Shop is a small shop only.

### Installation with one click

#### Quick Shop Installation

##### Check extension dependencies

- ✓ autumakompatible: "Template An. parser" is loaded.
- ✓ base\_quickshop: "Quick Shop - Template" is loaded.
- ✓ browser: "browser - TYPO3 without PHP" is loaded.
- ✓ caddy: "Caddy - your chopping cart" is loaded.
- ✓ ops\_bastree: "Record tree for TCA" is loaded.
- ✓ powermail: "Powermail" is loaded.
- ✓ quick\_shop: "Quick Shop" is loaded.

##### Start the Installation

- 1 Create a backend group
- 2 Create a page tree
- 3 Create the plugins browser, caddy and powermail
- 4 Create page content
- 5 Create TypoScript for the browser, caddy and powermail
- 6 Create configuration records for powermail
- 7 Create six example items
- 8 Create product images
- 9 Create page content
- 10 Coreoidating

Start the Installation Install it!

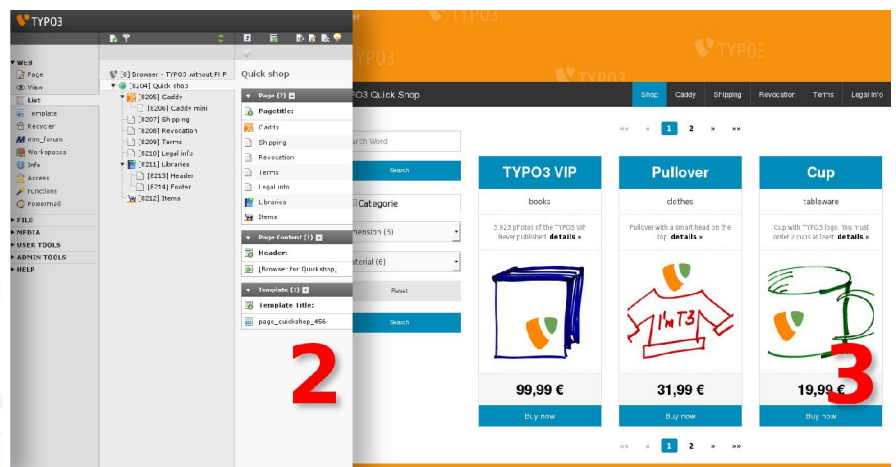


Illustration 12: Installation with one click: Installer (1), the result in the backend (2) and in the frontend (3)

### Live

Live at

- <http://typo3-quick-shop.de/>

If the domain above presents the deprecated version 4.x please refer to

- <http://v6x.typo3-quick-shop.de/>

## Organiser – TYPO3 for Lobbies and Organisers

You can manage a calendar, events, companies, documents, news, jobs and people. You can sell tickets and items.

### Installation with one click

#### Organiser Installation

##### Check \$TYPO3\_CONF\_VARS

✓ \$TYPO3\_CONF\_VARS[FE[pageNotFoundOnCrashError]] is proper.

##### Check extension dependencies

- ✓ autokateemplate: "Template-Parser" is loaded.
- ✓ baseorg: "Organiser-Template" is loaded.
- ✓ browser: "Browser - TYPO3 without PHP" is loaded.
- ✓ caddy: "Caddy - TYPO3 shopping cart" is loaded.
- ✓ cps\_cabtree: "Record tree for TCA" is loaded.
- ✓ cps\_devlib: "Developer Library" is loaded.
- ✓ flipz: "Flipz - TYPO3 for real magazines" is loaded.
- ✓ linkchandler: "HAOR linkchandler configurator" is loaded.
- ✓ org: "Organiser - TYPO3 for lobby and organisers" is loaded.
- ✓ powermail: "Powermail" is loaded.
- ✓ seo\_dynamic\_tag: "SEO Dynamic Tag" is loaded.

##### Start the Installation

- Create a backend group
- Create a page tree
- Create the plugin browser: caddy and powermail
- Create page content
- Create TypoScript for the browser: caddy and powermail
- Create configuration records for powermail
- Create records
- Create files and images
- Create page content
- Consolidating

Start the installation 

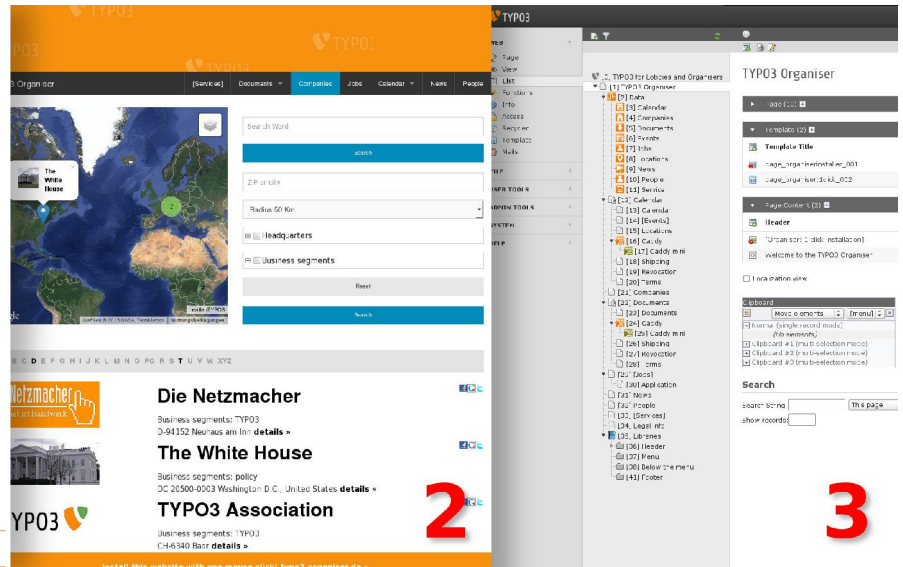


Illustration 13: Install the Organiser with one click! Installer button (1). Result in the frontend (2) and the backend (3)

### Live

#### Live at

- <http://typo3-organiser.de/>

If the domain above presents the deprecated version 4.x please refer to

- <http://v7x.typo3-organiser.de/>

# Interfaces: four Plugins

The Browser – TYPO3 without PHP – provides four plugins.

## Browser – TYPO3 without PHP

This is the main plugin. You need it, if you like to publish data with the Browser – TYPO3 without PHP.

This plugin provides 10 tabs.

## Browser (no cache)

Sometimes you need a list, which isn't cached. A need could be a list with randomised members.

In this case you have to use the plugin "Browser (no cache)" instead of the plugin "Browser – TYPO3 without PHP".

Live example at:

- <http://hfs-berlin.de/>  
See the box "Personen" (staff) at the top of the margin column at the right.

## Browser Calendar

You can publish a calendar by the Browser – TYPO3 without PHP.

Be aware: the Browser supports a day schedule only in the current version.

Live example at:

- <http://www.npz.ch/de/belegungen/>

## Browser Manuals

This is a list of the Browser Manuals. It is for TYPO3 integrators and TYPO3 developers only. It works only, if you have installed the Browser manuals the Browser tutorials.

Live example at:

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

# Features

## CSV export

Export your data into a CSV file (comma separated values). See "Further Tutorials" on page 26 below.

## Filter

The Browser – TYPO3 without PHP – adds to your lists by default searchform with

- an input field for a search word,
- an index browser (A-Z) and
- a page browser.

The Browser offers check boxes, radio buttons, select boxes, lists and tree views and a radial search. It supports the filtering for areas like from 10.000 EUR to 20.000 EUR and periods like from 2009 to 2014.

See "Further Tutorials" on page 26 below.

## Interactive Maps

### Maps, Overlays and Radial Search

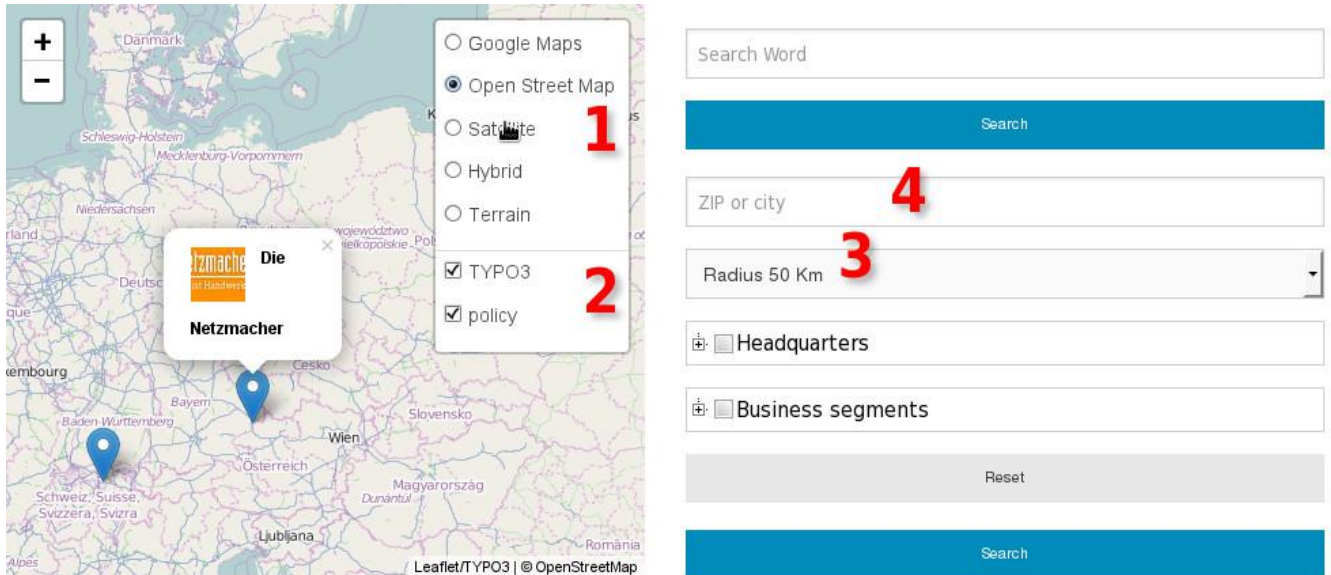


Illustration 14: Leaflet with 5 maps (1), overlays (2) and a radial search (3, 4)

Live at <http://typo3-organiser.de>

The Leaflet modul of the Browser – TYPO3 without PHP – provides five type of maps: one by Open Street Map, four by Google Maps. The Browser integrates a radial search (see the form on the right hand in the illustration above) into Leaflet.

### Clustering



Illustration 15: Zoom in a cluster ...



Illustration 16: ... and find your job – for example.

The Leaflet modul of the Browser – TYPO3 without PHP – clusters data by default. If you don't like it, you can disable this feature.

See "Further Tutorials" on page 26 below.



## Geocoding

The Browser – TYPO3 without PHP – can add the latitude and the longitude to a record, if the record has address data. This feature is running while editors are updating address data or by a cron job periodically.

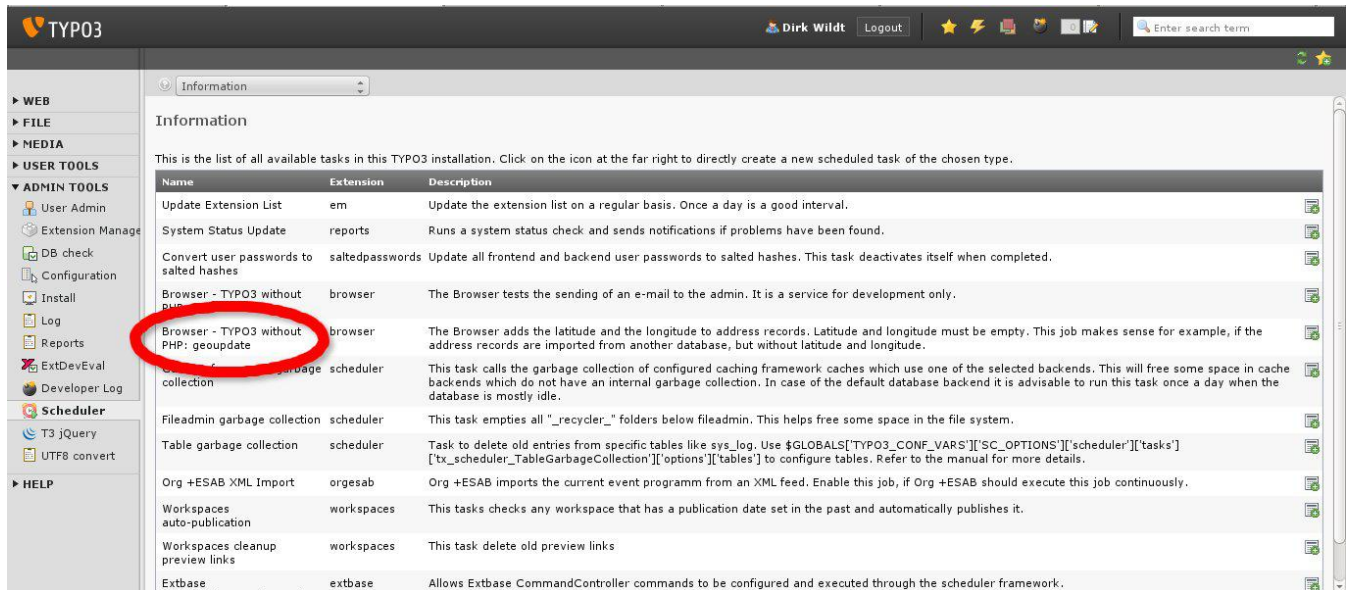


Illustration 17: Select the task: Browser Geoupdate

See "Further Tutorials" on page 26 below.

## RSS feed, XML

Publish your data in XML format as an RSS feed. See "Further Tutorials" on page 26 below.

# Further Tutorials

## AJAX

**AJAX isn't running proper in version 7.x! Sorry.**

Publish your data supported by AJAX!

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_ajax\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_ajax_en/doc/manual.pdf)

## BrowserMaps

Publish your data with Google Maps or OpenStreetMap! See

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_leaflet\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_leaflet_en/doc/manual.pdf)

## CSV export, RSS feed, XML

Export your data into a CSV file (comma separated values). Publish your data as RSS feed or in XML:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_rss\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_rss_en/doc/manual.pdf)

## Images

Size and link images with or without the FAL – File Abstraction Layer:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_images\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_images_en/doc/manual.pdf)

## Filter

Filter your data with dynamic filters and tree-views:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_search\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_search_en/doc/manual.pdf)

## Labelling

Label your fields:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_labeling\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_labeling_en/doc/manual.pdf)

## SEO - Search Engine Optimisation

The SEO modul of the Browser – TYPO3 without PHP – is moved to an own extension. Please refer to

- SEO Dynamic Tag  
HTTP: [http://typo3.org/extensions/repository/view/seo\\_dynamic\\_tag/](http://typo3.org/extensions/repository/view/seo_dynamic_tag/)  
PDF: [http://typo3-browser.de/typo3conf/ext/seo\\_dynamic\\_tag/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/seo_dynamic_tag/doc/manual.pdf)

The manual of SEO Dynamic Tag contains a sample for tt\_news among others. This is a good supplement for the tt\_news sample at "Sample with tt\_news" on page 20 above.

## Templating

Build your own templates and integrate it into the Browser plugin/flexform:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_templating\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_templating_en/doc/manual.pdf)

# Upgrade

## From 4.x to 7.x

### Images

The Browser – TYPO3 without PHP – has lost the capability, to detect images automatically.

If you haven't configured your image in your TypoScript for the Browser, you have to configure it now.

See details at:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_images\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_images_en/doc/manual.pdf)

### Plugin: Template

You have to check, if the selected template is proper. See (1) in the illustration below.

Edit Page Content "[Browser für Organisier Dienstleistungen]" on p.

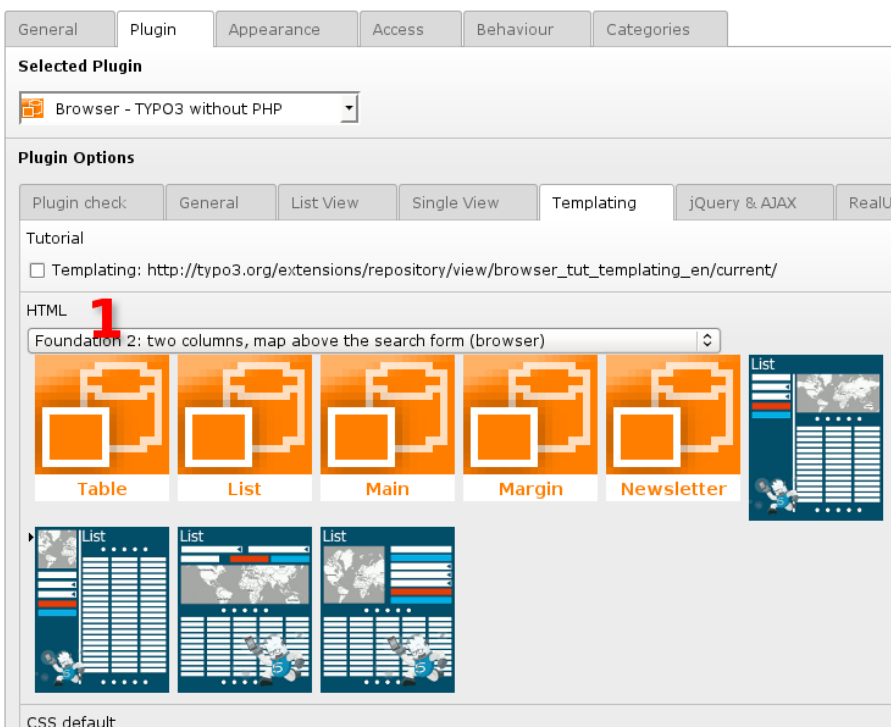


Illustration 18: Templating. Here: HTML template.

## TypoScript: Include Static Templates

Include static templates moved from the folder static to the folder Configuration/TypoScript.

You must include the static templates again.

### At least

You need at least:

- CSS Styled Content
- Browser
- Third party templates for managing the Browser – TYPO3 without PHP

Example:

- CSS Styled Content (css\_styled\_content)
- Browser [1] Basis (browser)
- Browser [3] + Sample with tt\_content (browser)

### Responsive

You need for a responsive design:

- CSS Styled Content
- Foundation framework, CSS and JSS
- Browser
- Browser Foundation templates
- Third party templates for managing the Browser – TYPO3 without PHP

Example:

- CSS Styled Content (css\_styled\_content)
- Browser [0] + Foundation Framework (browser)
- Browser [0] + Foundation Framework + CSS normalize optional
- Browser [0] + Foundation Framework + JSS jQuery optional
- Browser [0] + Foundation Framework + JSS modernizr optional
- Browser [1] Basis (browser)
- Browser [5] + Foundation Templates
- Org [1] Basis (org)
- Org [10] Service (org)

## Templating

Details about templating:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_templating\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_templating_en/doc/manual.pdf)

# Reference

The Reference is based on Browser version 4.x.  
Some new properties aren't documented here. Sorry.

## General (global arrays)

| Property:       | Data type:        | Description:   | Default:        |
|-----------------|-------------------|--|-----------------|
| template        | array<br>-> Local | <p>Integration of your template in the Browser plugin/flexform</p> <p>Tutorial:<br/><a href="http://typo3.org/documentation/document-library/extension-manuals/browser_tut_templating_en/current/">http://typo3.org/documentation/document-library/extension-manuals/browser_tut_templating_en/current/</a></p> <p>Example:</p> <pre> plugin.tx_browser_pil {     template {         extensions {             // BEGIN of your configuration             // [String/Array] extension key             org {                 // [String/Array] template name (intern)                 news {                     // [String] name for plugin/flexform                     name = Org: Nachrichten                     // [String] path to the template                     file = EXT:org/res/news/401/default.tmpl                     // [Integer/CSV] Comma separated list of                     // the views id, which can process                     // the template                     csvViews = 401                 }             }             // END of your configuration         }     } } </pre> |                 |
| localTable      | -> Local          |  |                 |
| autoconfig      | -> Local          |  |                 |
| format          | array             | <p>Configuration for the PHP method strftime().</p> <ul style="list-style-type: none"> <li>strftime (format string):<br/>PHP format (see PHP Documentation "Date and Time Functions", method strftime())</li> <li>strftime.utf8_encode (boolean):<br/>If you have problems with multi byte chars like German Umlaute (Ä, Ö, Ü, ß), activate or deactivate this property</li> </ul> <p>Example:</p> <pre> plugin.tx_browser_pil {     format {         strftime = %a, %d.%b.%y         strftime {             utf8_encode = 1         }     } } </pre>  | See the example |
| general_stdWrap | -> Local          |  |                 |

| Property:        | Data type: | Description:  | Default:                |
|------------------|------------|---|-------------------------|
| navigation       | array      | <p>Array for configuring the</p> <ul style="list-style-type: none"> <li>• index browser</li> <li>• map</li> <li>• modeSelector</li> <li>• page browser</li> <li>• record browser</li> </ul> <p>Tutorial</p> <ul style="list-style-type: none"> <li>• Browser Tutorial Navigation<br/><a href="http://typo3-browser.de/typo3conf/ext/browser_tut_navigation_en/doc/manual.pdf">http://typo3-browser.de/typo3conf/ext/browser_tut_navigation_en/doc/manual.pdf</a></li> </ul> <p>Example</p> <pre>plugin.tx_browser_pil {     navigation {         indexBrowser {         }         map {         }         modeSelector {         }         pageBrowser {         }         record_browser {         }     } }</pre> | See Tutorial Navigation |
| document_stdWrap | -> Local   |   |                         |
| displaySingle    | -> Local   |   |                         |
| displayList      | -> Local   |   |                         |
| upload           | -> Local   |   |                         |
| advanced         | -> Local   |   |                         |
| views            | array      | See sections "views.list" on page 43 below and "views.single" on page 50 below  |                         |
| andWhere         | -> Local   | See the property "n.andWhere" below (page 46)   |                         |
| marker           | -> Local   |   |                         |
| _LOCAL_LANG      | array      | See the reference table "_LOCAL_LANG" below (page 54)   |                         |

## Local (every view)

Local is a special property of the Browser:

- Every general property is the default for all views.
- But you can copy the properties to every view.  
Thus it is possible to configure each view differently with a minimum off input

### Example

The case: you need for the list view 1 another template.

Line 2: You copy the property array template

Line 3: You change the value of the field you need.

The benefit is, that the changing has no effect to other views.

```
plugin.tx_browser_pil.views.list.1 {
    template < plugin.tx_browser_pil.template
    template.file = fileadmin/templates/my.tmpl
}
```

There is another example for the property `displayList` in the tutorial "Tutorial Basics".

| Property:        | Data type:     | Description:  | Default:        |
|------------------|----------------|---|-----------------|
| template         | array          | <p>file: Path to the default HTML template.</p> <p>Tutorial:<br/>See "Tutorial Basics"</p> <p>Example:</p> <pre>plugin.tx_browser_pi1.template {     file = EXT:browser/res/default.tmpl }</pre>  | See the example |
| autoconfig       | -> autoconfig  |   |                 |
| localTable       | string / array | <p>file: Path to the default HTML template.</p> <p>Tutorial:<br/>See "Tutorial Basics"</p> <p>Example:</p> <pre>plugin.tx_browser_pi1.template {     localTable = tt_news     localTable {         uid = uid         pid = pid     } }</pre>  |                 |
| upload           | string         | <p>Path to upload folder of your images or documents</p> <p>Example:</p> <pre>plugin.tx_browser_pi1 {     upload = uploads/tx_ships }</pre>   | empty           |
| general_stdWrap  | array          | <p>Text will be wrapped as RTE-Text, but without any &lt;p&gt;-tags.<br/>If a field has the property <code>handleAs = text</code>, it won't be processed with <code>general_stdWrap</code> but with <code>displayList.content_stdWrap</code> or <code>displaySingle.content_stdWrap</code>. See the example in <code>displaySingle.content_stdWrap</code>.</p> <p>Example:</p> <pre>plugin.tx_browser_pi1 {     general_stdWrap &lt; lib.parseFunc_RTE     general_stdWrap {         parseFunc {             nonTypoTagStdWrap {                 encapsLines {                     nonWrappedTag &gt;                 }             }         }     } }</pre> | See the example |
| document_stdWrap | array          | <p>Wrapping of fields which should handled as documents.</p> <p>Example:</p> <pre>plugin.tx_browser_pi1 {     document_stdWrap {         icon = 1         stdWrap {             noTrimWrap =              }     } }</pre>   | See the example |

| Property:     | Data type: | Description:  | Default:        |
|---------------|------------|---|-----------------|
| displaySingle | array      | <p>Configuration of</p> <ul style="list-style-type: none"> <li>the display of markers in the frontend and</li> <li>images</li> <li>in a single view.</li> </ul> <p>It is nearby the displaySingle property in the extension tt_news.<br/>If you want to know more, please read the Reference in the tt_news manual.<br/>The SEO fields title, description and keywords have the stdWrap property.</p> <p>Tutorials:<br/>Tutorial Basics<br/>Tutorial Images</p> <p>Example:</p> <pre> plugin.tx_browser_pil.displaySingle {     seo {         htmlHead {             title = 0             meta {                 description = 0                 keywords    = 0             }         }     }     display {         title      = 1         table {             summary = 1             caption = 1         }         backbutton = 1         searchform {             wrapSwordInResults = 1             wrapSwordInResults {                 0.wrap = &lt;span style="background:#ffff7f"&gt;\                      &lt;/span&gt;                 ...             }         }     }     templateMarker = ###TEMPLATE_SINGLE###     imageCount     = 4     imageWrapIfAny = \         &lt;div class="news-single-img"&gt;   &lt;/div&gt;     content_stdWrap {         parseFunc &lt; lib.parseFunc_RTE     }     caption_stdWrap {         wrap = \             &lt;p class="news-single-imgcaption"&gt;   &lt;/p&gt;         trim = 1     }     imageBoxWrap {         // [String] Wrap code for every \         image/imagecaption block         wrap = &lt;span class="single-imagebox \             single-imagebox-###IMAGE_COUNT###"&gt;   \             &lt;/span&gt;     } } </pre> | See the example |



| Property: | Data type: | Description:   | Default: |
|-----------|------------|--|----------|
|           |            | <pre> image {     // [String] path and file name of the image, \     // which should displayed, if a record hasn't \     // any image     file = EXT:browser/res/images/\         alternate_image_400x300.gif     file.maxW = 240     file.maxH = 180     wrap =     imageLinkWrap = 1     imageLinkWrap {         enable = 1         bodyTag = &lt;body bgColor="#ffffff"&gt;         wrap = &lt;a href="javascript:close();"&gt;   &lt;/a&gt;         width = 500m         height = 500         JSwindow = 1         JSwindow {             newWindow = 1             expand = 17,20         }     } } firstImageIsPreview = 0 forceFirstImageIsPreview = 0 </pre> |          |

| Property:   | Data type: | Description:   | Default:  |
|-------------|------------|--|---|
| displayList | array      | <p>Configuration of</p> <ul style="list-style-type: none"> <li>the display of markers in the frontend and</li> <li>images</li> <li>in a list view.</li> </ul> <p>It is nearby the displayList property in the extension tt_news.<br/>If you want to know more, please read the Reference in the tt_news manual.<br/>The SEO fields title, description and keywords have the stdWrap property.</p> <p>References:<br/>See n.displayList.display on page 50.</p> <p>Example:</p> <pre> plugin.tx_browser_pi1.displayList {     singlePid =     seo {         htmlHead {             title = 0             meta {                 description = 0                 keywords    = 0             }         }     }     display {         searchform {             ...             wrapSwordInResults = 1             wrapSwordInResults {                 0.wrap = &lt;span style="background:#ffff7f"&gt;\                  &lt;/span&gt;             }             ...         }     }     table {         summary    = 1         caption    = 1     }     jssAlert      = 1 } templateMarker = ###TEMPLATE_LIST### # Don't display caption in List view caption_stdWrap.if.directReturn = 0 imageCount = 1 imageWrapIfAny = imageBoxWrap {     // [String] Wrap code for every \     image/imagecaption block     wrap = &lt;span class="list-imagebox \     list-imagebox-###IMAGE_COUNT###"&gt;   \     &lt;/span&gt; } image {     // [String] path and file name of the image, \     which should displayed, if a record hasn't \     any image     file = EXT:browser/res/images/\     alternate_image_400x300.gif     file.maxW      = 120     file.maxH      = 90     imageLinkWrap = 1     imageLinkWrap {         enable = 1         bodyTag = &lt;body bgColor="#ffffff"&gt;         wrap = &lt;a href="javascript:close();"&gt;   &lt;/a&gt;         width  = 500m         height = 500         JSwindow = 1         JSwindow {             newWindow = 1             expand    = 17,20         }     } } } </pre> | <p>See the example</p> <p>singlePid: Default is the current page id</p> |

| Property:                         | Data type:        | Description:   | Default: |
|-----------------------------------|-------------------|--|----------|
|                                   |                   | <pre> master_templates {     selectbox = SELECTBOX     selectbox {         ... -&gt; See "Browser Tutorial Search"     } } </pre>  |          |
| displayList.<br>selectBox_orderBy |                   | <p>You will get a select box for ordering records in the list view, if you don't use the marker ###ITEM###.</p> <p>Tutorial:<br/>Browser Tutorial Marker (en)</p> <p>Example:</p> <pre> plugin.tx_browser_pil.displayList {     selectBox_orderBy {         // [Boolean] 1: Display the select box for         // ordering (default), 0: don't display.         display = 1         templateMarker = ###TEMPLATE_SELECTBOX_VALID###         selectbox = SELECTBOX         selectbox {             ...         }     } } </pre> |          |
| andWhere                          | -> array          | See the property "n.andWhere" below (page 46)  |          |
| advanced                          | -> array          | See the section Advanced below   |          |
| views.list                        | -> view.list      | See table "views.list" below on page 35.   |          |
| views.single                      | -><br>view.single | See table "views.single" below.  |          |
| _LOCAL_LANG                       | -><br>_LOCALLANG  | See table "_LOCAL_LANG" below on page 54.  |          |

## Advanced

You should configure the array advanced only, if you are familiar with the Browser.

Advanced is local available. TypeScript snippet:

```
plugin.tx_browser_pil.views.single.1 {
    advanced < plugin.tx_browser_pil.advanced
    advanced.sql.devider.childrenRecords >
}
```

| Property:      | Data type: | Description:  | Default: |
|----------------|------------|---|----------|
| development    | array      | Please read the comment in the TypeScript code.<br>And sorry, that there isn't any other documentation.   |          |
| performance    | array      | Please read the comment in the TypeScript code.<br>And sorry, that there isn't any other documentation.   |          |
| recursionGuard | int        | The Browser uses some methods recursive. The recursion guard prevents unlimited loops and take care about performance.<br><br>You can increase the value of the recursion guard.<br><br>Example:<br><pre>plugin.tx_browser_pil.advanced{     recursionGuard = 10000 }</pre> | 10000    |
| localization   | -> array   | See the section Localization below.   |          |
| realUrl        | -> array   | See the section realUrl in the Reference below.   |          |
| security       | array      | Please read the comment in the TypeScript code.<br>And sorry, that there isn't any other documentation.   |          |
| sql            | array      | Please read the comment in the TypeScript code.<br>And sorry, that there isn't any other documentation.   |          |
| tca            | array      | Please read the comment in the TypeScript code.<br>And sorry, that there isn't any other documentation.   |          |

## autoconfig

### Tutorial

- Browser Tutorial Database  
[http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_database\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_database_en/doc/manual.pdf)

| Property:    | Data type: | Description:   | Default:        |
|--------------|------------|--|-----------------|
| relations    | array      | <p>Array with your list views.</p> <p>Tutorial:<br/>Tutorial Databases</p> <p>Example:</p> <pre>plugin.tx_browser_pi1.autoconfig {     relations = 1     relations {         oneWayOnly = 1         simpleRelations = 0         simpleRelations {             selfReference = 0         }         mmRelations = 1         TCAconfig {             type = 1             type {                 csvValue = select             }         }         csvDontUseFields =         left_join = 1     } }</pre> |                 |
| autoDiscover | array      | <p>Example:</p> <pre>plugin.tx_browser_pi1.autoconfig { }</pre>  | See table Local |

## AJAX

See Tutorial AJAX:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_ajax\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_ajax_en/doc/manual.pdf)

## CSV/RSS/XML

See Tutorial CSV/RSS/XML:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_rss\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_rss_en/doc/manual.pdf)

## Localisation

`plugin.tx_browser_pi1.advanced.localisation`

### Tutorial

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_localization\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_localization_en/doc/manual.pdf)

### realURL

| Property: | Data type: | Description:  | Default: |
|-----------|------------|---|----------|
| realURL   | array      | <p>Array for configuring realURL in context with localisation.</p> <p>defaultLanguageLink (boolean):</p> <ul style="list-style-type: none"> <li>• Default: 1</li> <li>• 0: Link to the single with the uids of the current records</li> <li>• 1: Link to the single with the uids of the default language records</li> </ul> <p>Background:<br/>The extension realurl is using the uid of the default language records usually.</p> <p>- Advantage</p> <ul style="list-style-type: none"> <li>• You can switch the languages in single mode.</li> </ul> <p>- Disadvantage</p> <ul style="list-style-type: none"> <li>• The realurl path is using the record segment in default language in every language</li> </ul> <p>You change this behavior:<br/>The extension realurl is using than the uid of the current record.</p> <p>- Advantage</p> <ul style="list-style-type: none"> <li>• The realurl path is using the record segment in the current language.</li> </ul> <p>- Disadvantage</p> <ul style="list-style-type: none"> <li>• You can't switch the languages in single mode.</li> </ul> <p>Example:</p> <pre>plugin.tx_browser_pi1.advanced.localisation {     realURL {         defaultLanguageLink = 1     } }</pre> | 1        |

## TCA

| Property: | Data type: | Description:   | Default:                         |
|-----------|------------|--|----------------------------------|
| TCA       | array      | <p>Array for configuring TCA behavior in context with localisation.</p> <p>TCA.field.appendix (string):<br/>Fields with this appendix will be used for translation. I.e. The overlay value from tt_news_cat.title_lang_ol will overwrite the value in tt_news_cat.title</p> <ul style="list-style-type: none"> <li>Default: lang_ol</li> </ul> <p>TCA.value.devider (string):<br/>Devider for seperating language entries like de:Aufmacher fr:Accroche or Aufmacher Accroche</p> <ul style="list-style-type: none"> <li>Default:  </li> </ul> <p>TCA.value.langPrefix (boolean):</p> <ul style="list-style-type: none"> <li>Default: 1</li> <li>1: lang_ol values have a lang_prefix like en:Lead Story de:Aufmacher fr:Accroche</li> <li>0: lang_ol values are without lang_prefix like Lead Story Aufmacher Accroche</li> </ul> <p>Example:</p> <pre> plugin.tx_browser_pil.advanced.localisation {     TCA {         field {             appendix    = _lang_ol         }         value {             devider      =               langPrefix = 1         }     } } </pre> | <p>lang_ol</p> <p> </p> <p>1</p> |

## realUrl.linkToSingle

```
plugin.tx_browser_pil.advanced.realUrl.linkToSingle
```

### Tutorial

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_realurl\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_realurl_en/doc/manual.pdf)

### realURL

| Property: | Data type: | Description:  | Default: |
|-----------|------------|---|----------|
| realURL   | array      | <p>Array for configuring realURL in context of SEO - Search Engine Optimisation.</p> <p>You can control links to a single view with the properties below. You can add your own piVars, if it would be necessary.</p> <p>Background:<br/>It would be the best to have a link to a single view only with the page id and the id of the record. Than you will have a short URL and a unique URL.<br/>If you have some more parameters, they will enable to visit the same content with different URL. Search Engines don't like this, because it seems, that you provide double content.</p> <p>Tutorial:<br/>Browser Tutorial RealURL (en), extkey: browser_tut_realurl_en</p> <p>Example:</p> <pre>plugin.tx_browser_pil.advanced.realUrl {     linkToSingle     realURL {         dont_display_piVars = 1         dont_display_piVars {             azTab      = 1             mode       = 1             pointer    = 1             plugin     = 1             sort       = 1             sword      = 0         }     } }</pre> |          |



## Registers

The Browser stores some data in registers. This data is available while runtime by TypeScript.

### Defined registers

#### In context with rows and columns

- `browser_numColumn`  
Counter for columns (elements). First column has the number 0.
- `browser_numColumnFirst`  
If the current columns (current element) is the last one, this register is true.
- `browser_numColumnLast`  
If the current columns (current element) is the last one, this register is true.
- `browser_numColumnOdd`  
If the current column (current element) has an odd number, this register is true.
- `browser_numRow`  
Counter for rows (records). First row has the number 0.
- `browser_numRowFirst`  
If the current row (current record) is the first one, this register is true.
- `browser_numRowLast`  
If the current row (current record) is the last one, this register is true.
- `browser_numRowOdd`  
If the current row (current record) has an odd number, this register is true.

#### In context with file management:

- `ICON_REL_PATH`
- `filename`
- `path`
- `fileSize`
- `fileExtension`
- `Description`

Registers are available in list views and in single views.

The registers contain the values from the first record in the list view and the values from the current record in the single view.

### How do you use registers?

#### TypeScript snippet with `ICON_REL_PATH`

```
10 = IMAGE
10 {
  file {
    import {
      data = register : ICON_REL_PATH
    }
  }
}
```

### How do you find uncovered registers?

You can find registers by searching the PHP code for

- `"register"` or
- `"$GLOBALS['TSFE']->register"`

## Templating

See Tutorial Templating:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_templating\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_templating_en/doc/manual.pdf)

## views.list

| Property:        | Data type: | Description:  | Default:        |
|------------------|------------|---|-----------------|
| n                | array      | <p>Array with your list views.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         ...     } }</pre>  |                 |
| n.name           | string     | <p>Name of the list view. Name will be displayed in the plugin.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 = Organisier: Events     1 {         name = Organisier: Events     } }</pre>  |                 |
| n.template       | array      | <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         template &lt; plugin.tx_browser_pil.template         template {             ...         }     } }</pre>   | See table Local |
| n.relations.type | array      | <p>Array with your database relations.<br/>type is mm only until now.</p> <p>Commendation:</p> <p>You can build the relation for all possibilities you need and copy it to every view (like the example above).<br/>Browser will use only the relations, it need for building the query of the view.</p> <p>Tutorial:</p> <p>Tutorial Database</p> <p>Debugging:</p> <p>See "Debugging SQL statements" on page 57.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         relations.mm = ...         ...     }     2 &lt; .1 }</pre> |                 |
| n.record         | array      | <p>Array with</p> <ul style="list-style-type: none"> <li>the uid field name of the main record (the record with the id for the link to a single view)</li> <li>the pid field name of the main record.</li> </ul> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         record {             uid = tx_ships_main.uid             pid = tx_ships_main.pid         }     } }</pre>   |                 |

| Property: | Data type:         | Description:   | Default: |
|-----------|--------------------|--|----------|
| n.select  | string,<br>stdWrap | <p>The query with the field names, which you want display in the frontend. You don't need the uid and the pid of the main record (see property record above).<br/>Browser builds SQL statements according to the limit by TYPO3 - i. e. fe-user-rights, hidden records.</p> <p>Tutorial:<br/>See Tutorial Quick Start above<br/>Tutorial Basics</p> <p>Debugging:<br/>See "Debugging SQL statements" on page 57.</p> <p>Example:</p> <pre>plugin.tx_browser_pi1.views.list {     1 {         select = tt_news.title, tt_news_cat.title     } }  plugin.tx_browser_pi1.views.list {     1 {         select = COA         select {             10 = TEXT             10 {                 value = tt_news.title                 lang {                     de = tt_news.title_de                 }                 wrap =  ,             }             20 = TEXT             20 {                 value = tt_news_cat.title                 lang {                     de = tt_news_cat.title_de                 }                 wrap =  ,             }         }     } }</pre> |          |
| n.showUid | string             | <p>You can set the name for the piVar[showUid]. It is helpfull, if you are use more than one plugin with different databases like 'tt_news' and 'fe_users' for example - and if your are using realUrl.</p> <p>In the case below the record id of the first list view will get the parameter tx_browser_pi1[showUid]=X - this is the default, now alias for the showUid isn't configured.<br/>The record id of the second list view will get the parameter tx_browser_pi1[feuserUid]=X</p> <p>Example:</p> <pre>plugin.tx_browser_pi1.views.list {     1 {         ...     }     2 {         showUid = feusersUid     } }</pre>  |          |

| Property:                 | Data type:         | Description:   | Default: |
|---------------------------|--------------------|--|----------|
| n.select.deal_as_table    | array              | <p>If you are using the SQL manual mode with aliases, you have to help the Browser to allocate the proper table for operations. There is the array deal_as_table for this case.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         select = or.uid AS `or.uid`, \               CONCAT(or.or_code, ' ', or.or_name) \               AS `or.or_name`          select {             deal_as_table {                 0 {                     statement = CONCAT(or.or_code, ' ', \                                       or.or_name) AS `or.or_name`                     alias      = or.or_name                 }             }         }     } }</pre> |          |
| n.groupBy                 | string,<br>stdWrap | <p>If you like to display your data grouped, please use groupBy. The groupBy won't be a part of the SQL query but will be processed by PHP.</p> <p>The groupBy field must be part of the select statement from Browser version 4.x!</p> <p>Example for stdWrap see n.select above</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         select = ..., tt_news_cat.title         groupBy = tt_news_cat.title     } }</pre> <p>This property is incomplete! If you are using groupBy the index browser and the page browser can't count the records proper.</p>  |          |
| n.groupBy.dontConsolidate | boolean            | <p>If you are group data by a field of a foreign table and you are displaying more than one field from the foreign table, it is possible, that you won't get a proper result. Try dontConsolidate in this case.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         groupBy {             dontConsolidate = 1         }     } }</pre>  | 0        |
| n.where                   | string,<br>stdWrap | <p>DANGEROUS! You can write your own where clause. Be aware in case of an own configuration, that you have to configure enable fields like hidden, deleted, starttime and endtime by yourself. Filter doesn't work in case of own where clause.</p> <p>Example for stdWrap see n.select above</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         where = tx_ships_special.uid = 35     } }</pre>  |          |

| Property:              | Data type:         | Description:   | Default:                        |
|------------------------|--------------------|--|---------------------------------|
| n.andWhere             | string,<br>stdWrap | <p>You can add any condition to the where clause.</p> <p>If you need a table field in your clause, you have to allocate the table name separated by commas to the value "tables".</p> <p>The allocated table names have to be a part of your defined relations.</p> <p>Example for stdWrap see n.select above</p> <p>Debugging:<br/>See "Debugging SQL statements" on page 57.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         andWhere = tx_ships_special.uid = 35     } }</pre>  |                                 |
| n.orderBy              | string,<br>stdWrap | <p>You can sort every view in your own way, if you need it.</p> <p>orderBy won't be a part of the SQL query but will be processed by PHP multisort since Browser 3.1.0</p> <p>Example for stdWrap see n.select above</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         orderBy = tt_news.datetime desc, \                 tt_news_cat.title     } }</pre>  | Values from the select property |
| n.orderBy.foreignTable | string             | <p>You can order children records (foreign tables) by a SQL query.</p> <p>The code will be send as a real SQL query in contrast to the property orderBy above!</p> <p>Foreign table has to be the name of the foreign table like in the example below. It will be used for the table.field marker.</p> <p>In the example below the browser will handle the result of the sql query in this way:</p> <ul style="list-style-type: none"> <li>uid -&gt; tx_org_department.uid</li> <li>title -&gt; tx_org_department.title</li> </ul> <p>You will need the marker ###UID_LOCAL###. The marker will be replaced by the uid of the current local table.</p> <p>Browser Tutorial Database (en):<br/><a href="http://typo3.org/documentation/document-library/extension-manuals/browser_tut_search_en/current/">http://typo3.org/documentation/document-library/extension-manuals/browser_tut_search_en/current/</a></p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         orderBy {             tx_org_department ( SELECT tx_org_department.uid AS 'uid', tx_org_department.title AS 'title' FROM tx_org_department, tx_org_headquarters_mm_tx_org_department WHERE tx_org_headquarters_mm_tx_org_department.\ uid_local = ###UID_LOCAL### AND tx_org_headquarters_mm_tx_org_department.\ uid_foreign = tx_org_department.uid ORDER BY tx_org_headquarters_mm_tx_org_department.\ sorting )         }     } }</pre> |                                 |

| Property:  | Data type: | Description:  | Default:                        |
|------------|------------|---|---------------------------------|
| n.random   | boolean    | <p>Generate records by a random order.</p> <p>Be aware!</p> <ul style="list-style-type: none"> <li>random has priority: orderBy will be ignored!</li> <li>the Browser plugin doesn't have to be cached</li> </ul> <p>No cache<br/>Please use the plugin "Browser (no cache)"<br/>The whole page will not be cached!</p> <p>Tutorial<br/>Browser Tutorial Several Plugins (en)<br/>Section: No Cache<br/><a href="http://typo3.org/extensions/repository/view/browser_tut_severalplugins_en/current/">http://typo3.org/extensions/repository/view/browser_tut_severalplugins_en/current/</a></p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         random = 1     } }</pre>                |                                 |
| n.override | array      | <p>You can override the parts select, from, where, andWhere and orderBy of any SQL query. Every part is optional.<br/>The override option makes sense, if you aren't satisfied with the query statements processed by the browser.<br/>Every item has the stdWrap property. Example for stdWrap see n.select above.<br/>andWhere has only an effect, if you don't use where!</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1.override {         select    = tt_news.title AS 'tt_news.title', \                   tt_news_cat.title AS \                   'tt_news_cat.title'          from      = ...         where     = ...         andWhere  = ...         orderBy   = ...     } }</pre> |                                 |
| n.limit    | string     | <p>Limit the result</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         limit = 0,3     } }</pre>   |                                 |
| n.search   | string     | <p>You can search in more fields than displayed.</p> <p>Tutorial<br/>Tutorial Search</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         search = tt_news.title, tt_news.bodytext, \                   tt_news.short, tt_news_cat.title     } }</pre>   | Values from the select property |

| Property:    | Data type: | Description:  | Default: |
|--------------|------------|---|----------|
| htmlSnippets | array      | <p>htmlSnippets enables you to define the content of markers and subparts by TypoScript. Your defined markers and subparts will be replaced in the HTML template before the HTML template is rendered.</p> <p>Example:</p> <pre> plugin.tx_browser_pil.views.list {     1 {         htmlSnippets {             marker {                 filter = TEXT                 filter {                     value (                         &lt;div class="filter"&gt;                             ###TX_ORG_DEPARTMENTCAT.TITLE###                             ###TX_ORG_HEADQUARTERS.TITLE###                         &lt;/div&gt;                     )                 }             }             subparts {                 listview = TEXT                 listview {                     value (                         &lt;div id="c###TT_CONTENT.UID###-listview-                         ###MODE###" class="###VIEW###view ###VIEW###view-                         content ###VIEW###view-###MODE### ###VIEW###view-                         content-###MODE###"&gt;                             &lt;!-- ###GROUPBY### begin --&gt;                             &lt;!-- ###GROUPBYHEAD### begin --&gt;                             &lt;h2&gt;                                 ###GROUPBY_GROUPNAME###                             &lt;/h2&gt;                             &lt;!-- ###GROUPBYHEAD### end --&gt;                             &lt;!-- ###GROUPBYBODY### begin --&gt;                             &lt;!-- ###LISTBODY### begin --&gt;&lt;!--                             ###LISTBODYITEM### begin --&gt;                                 &lt;div class="record01"&gt;                                     &lt;p&gt;   ###SOCIALMEDIA_BOOKMARKS###   ###TX_ORG_DEPARTMENT.TITLE###                                     &lt;/p&gt;                                 &lt;/div&gt;                                 &lt;div class="cleaner"&gt;&amp;nbsp;&lt;/div&gt;&lt;!--                             ###LISTBODYITEM### end --&gt;&lt;!-- ###LISTBODY### end                             --&gt;                                 &lt;!-- ###GROUPBYBODY### end --&gt;                                 &lt;!-- ###GROUPBY### end --&gt;                             &lt;/div&gt; &lt;!-- /listview --&gt;                         )                     }                 }             }         }     } } </pre> |          |



| Property:             | Data type: | Description:   | Default:        |
|-----------------------|------------|--|-----------------|
| n.handleAs            | array      | <p>You can handle fields in a special way.</p> <ul style="list-style-type: none"> <li>image<br/>will be wrapped as an image.<br/>You have to configure the property upload. See table "Local" property upload on page 31.</li> <li>imageCaption<br/>will be wrapped as the image caption.</li> <li>imageAltText<br/>will be wrapped as the image alt tag.</li> <li>imageTitleText<br/>will be wrapped as the image title tag.</li> <li>document<br/>will be wrapped as link to the document with a mime type icon.</li> </ul> <p>Tutorial:<br/>Tutorial Database</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         handleAs {             image           = tx_ships_main.images             imageCaption    = tx_ships_main.caption             imageAltText    = tx_ships_main.caption             imageTitleText  = tx_ships_main.caption             document        = tx_ships_main.documents         }     } }</pre> |                 |
| n.csvLinkToSingleView | string     | <p>By default every item in the list links to the single view. If you don't want that, use csvLinkToSingleView (comma separated values).</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         csvLinkToSingleView = tt_news.title     } }</pre>   |                 |
| n.document_stdWrap    | array      | <p>Copy the default configuration from document_stdWrap and change it. Wrapping of documents.<br/>See property document_stdWrap in the table "Local" on page 31.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         document_stdWrap &lt; \             plugin.tx_browser_pil.document_stdWrap         document_stdWrap.stdWrap {             noTrimWrap &gt;             wrap = &lt;br /&gt;         }     } }</pre>   | See table Local |
| n.displayList         | array      | <p>Copy the default configuration from displayList and change it. Wrapping of images and configuration of displaying markers.<br/>See property displayList in the table "Local" on page 34.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         displayList &lt; \             plugin.tx_browser_pil.displayList         displayList {             ...         }     } }</pre>   | See table Local |

| Property:             | Data type:        | Description:  | Default:         |
|-----------------------|-------------------|---|------------------|
| n.displayList.display | array             | <p>If you don't want the item, set the value to 0.</p> <ul style="list-style-type: none"> <li>table.summary: use the &lt;table summary="..."&gt; porperty</li> <li>table.caption: use the &lt;table&gt;&lt;caption&gt;...&lt;/caption&gt; tag</li> <li>jssAlert: Link to a alert box, if the isn't any single view.</li> </ul> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list.1.displayList {     display {         table {             summary      = 1             caption      = 1         }         jssAlert         = 1     } }</pre> | Like the example |
| n.table.field         | stdWrap           | <p>Every table field has the stdWrap property.</p> <p>Tutorial:<br/>Tutorial Basics</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         tt_news.title {             crop = 10   ...   1         }     } }</pre>   |                  |
| n.marker              | array,<br>stdWrap | <p>Every view has the marker property.</p> <p>Tutorial:<br/>Tutorial Basics</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         marker {             my_marker {                 value      = My Marker                 lang.de     = Mein Marker             }         }     } }</pre>   |                  |

## views.single

| Property:        | Data type: | Description:   | Default:        |
|------------------|------------|--|-----------------|
| n                | array      | See table views.list   |                 |
| n.template       | array      | <p>See property template in the table "Local" on page Error: Reference source not found.</p> <p>Tutorial:<br/>Tutorial Basics</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.single {     1 {         template &lt; plugin.tx_browser_pil.template     } }</pre> | See table Local |
| n.relations.type | array      | See table views.list   |                 |
| n.record         | array      | See table views.list   |                 |
| n.select         | string     | See table views.list   |                 |

| Property:              | Data type: | Description:   | Default:                        |
|------------------------|------------|--|---------------------------------|
| n.andWhere             | array      | See table views.list   |                                 |
| n.orderBy              | string     | <p>See table views.list amongst others</p> <p>orderBy is different from the SQL orderBy statement. There are several causes. On important cause is, that you can't order records from the local table (main table) and foreign tables (children tables) within one SQL query.</p> <p>Since version 3.4.3 it is possible to order children records too. See the example below:</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.list {     1 {         select = ...         orderBy (             tx_organiser_cal_mm_calentrance.sorting,             tx_organiser_calentrance.title         )     } }</pre> <p>Comment:<br/>There is this relation in the example above (you can't see it):<br/>tx_organiser_cal -&gt; tx_organiser_cal_mm_calentrance \<br/>-&gt; tx_organiser_calentrance<br/>It is like:<br/>event -&gt; mm table -&gt; entrance fees</p> <p>The orderBy clause from above will have the effect, that the titles of the entrance fees (values like: "students 10 EUR, adults 16 EUR, ...") will first ordered by the values of the field sorting in the mm table and second will be ordered by the title.<br/>The browser detects a context between mm tables and foreign tables!<br/>The orderBy clause from above will have any effect to all other children tables.</p> | Values from the select property |
| n.orderBy.foreignTable | string     | <p>You can order children records (foreign tables) by a SQL query. The code will be send as a real SQL query in contrast to the property orderBy above!</p> <p>Please refere to views.list above</p>   |                                 |
| n.search               | string     | See table views.list   | Values from the select property |

| Property:    | Data type: | Description:  | Default: |
|--------------|------------|---|----------|
| htmlSnippets | array      | <p>htmlSnippets enables you to define the content of markers and subparts by TypoScript. Your defined markers and subparts will be replaced in the HTML template before the HTML template is rendered.</p> <p>Example:</p> <pre> plugin.tx_browser_pil.views.list {     1 {         htmlSnippets {             subparts {                 singleview = TEXT                 singleview {                     value ( &lt;!-- ###AREA_FOR_AJAX_LIST_01### begin --&gt; &lt;div id="c###TT_CONTENT.UID###-singleview- ###MODE###" class="singleview singleview- ###MODE###"&gt;                 ###RECORD_BROWSER###                 &lt;div class="ui-widget ui-corner-all"&gt;                     &lt;div class="ui-widget-content ui-corner- all"&gt;                         &lt;!-- ###SINGLEBODY### begin --&gt;&lt;!-- ###SINGLEBODYROW### begin --&gt;                         &lt;div class="socialbookmarks"&gt;                             ###SOCIALMEDIA_BOOKMARKS###                         &lt;/div&gt;                         ###TX_ORG_DEPARTMENT.TITLE###                         &lt;p&gt;                             ###MY_MANAGER###:                         ###FE_USERS.FIRST_NAME###                         &lt;/p&gt;                         ###TX_ORG_DEPARTMENT.TELEPHONE###                         ###TX_ORG_DEPARTMENT.DOCUMENTS###                         &lt;!-- ###SINGLEBODYROW### end --&gt;&lt;!-- ###SINGLEBODY### end --&gt;                         &lt;/div&gt; &lt;!-- ###AREA_FOR_AJAX_LIST_01### end --&gt;                         &lt;!-- ###BACKBUTTON### begin --&gt;                         &lt;p class="backbutton"&gt;                             ###BUTTON###                         &lt;/p&gt;                         &lt;!-- ###BACKBUTTON### end --&gt; &lt;!-- ###AREA_FOR_AJAX_LIST_02### begin --&gt;                         &lt;/div&gt; &lt;/div&gt; &lt;!-- ###AREA_FOR_AJAX_LIST_02### end --&gt;                     )                 }             }         }     } } </pre> |          |

| Property:          | Data type: | Description:   | Default:        |
|--------------------|------------|--|-----------------|
| n.handleAs         | array      | <p>You can handle fields in a special way.</p> <ul style="list-style-type: none"> <li>• title<br/>headline in the single view</li> <li>• image<br/>will be wrapped as an image.<br/>You have to configure the property upload. See table "Local" property upload on page 31.</li> <li>• imageCaption<br/>will be wrapped as the image caption.</li> <li>• imageAltText<br/>will be wrapped as the image alt tag.</li> <li>• imageTitleText<br/>will be wrapped as the image title tag.</li> <li>• text<br/>will be wrapped as text in the single view in the template image-text.</li> <li>• document<br/>will be wrapped as link to the document with a mime type icon.</li> </ul> <p>Tutorial:<br/>Tutorial Basics<br/>Tutorial Images</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.single {     1 {         handleAs {             title           = tx_ships_main.title             image           = tx_ships_main.images             imageCaption    = tx_ships_main.caption             imageAltText    = tx_ships_main.caption             imageTitleText  = tx_ships_main.caption             text            = tx_ships_main.history             document        = tx_ships_main.documents         }     } }</pre> |                 |
| n.document_stdWrap | array      | See table views.list   | See table Local |
| n.displaySingle    | array      | <p>Copy the default configuration from displaySingle and change it.<br/>Wrapping of images and configuration of displaying markers.<br/>See property displaySingle in the table "Local" on page 32.</p> <p>Example:</p> <pre>plugin.tx_browser_pil.views.single {     1 {         displaySingle &lt; \         plugin.tx_browser_pil.displaySingle         displaySingle {             ...         }     } }</pre>   | See table Local |
| n.table.field      | stdWrap    | See table views.list   |                 |

| Property: | Data type:        | Description:   | Default: |
|-----------|-------------------|--|----------|
| n.marker  | array,<br>stdWrap | <p>Every view has the marker property.</p> <p>Tutorial:<br/>See "Self-defined Markers".</p> <p>Example:</p> <pre> plugin.tx_browser_pil.views.list {     1 {         marker {             my_marker {                 value = My Marker                 lang.de = Mein Marker             }         }     } } </pre> |          |

## \_LOCAL\_LANG

With the `_LOCAL_LANG` array you can control the values of the tabs in the mode selector and the translation for the table fields.

### Tutorials

Label fields

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_labeling\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_labeling_en/doc/manual.pdf)

Use localized tables and extensions:

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_localization\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_localization_en/doc/manual.pdf)

| Property:                | Data type: | Description:   | Default: |
|--------------------------|------------|--|----------|
| <code>_LOCAL_LANG</code> | array      | <p>Array with the translations for the tabs in the mode selector, for SEO - Search Engine Optimisation, table summary and table caption and for the fields</p> <p>There are the following rules:</p> <ul style="list-style-type: none"> <li>• Tabs: <ul style="list-style-type: none"> <li><code>view_mode_n</code></li> <li>view: list or single</li> <li>n: number of the view (1, 2, 3, ...)</li> </ul> </li> <li>• Tables: <ul style="list-style-type: none"> <li>The Browser generates HTML tables, which are conform with the guidelines of the Web Accessibility Initiative (WAI).</li> <li><code>view_mode_n_summary</code>: <code>&lt;table summary="value"&gt;</code></li> <li><code>view_mode_n_caption</code>: <code>&lt;caption&gt;value&lt;/caption&gt;</code></li> </ul> </li> <li>• Fields: <ul style="list-style-type: none"> <li><code>table_field</code></li> <li>table: name of the table (i. e. <code>tt_news</code>)</li> <li>field: name of the field (i. e. <code>title</code>)</li> </ul> </li> </ul> <p>Example:</p> <pre> plugin.tx_browser_pil {     _LOCAL_LANG {         default {             tt_news_title      = News Header             tt_news_cat_title = Category         }         de {             ...         }     } } </pre> |          |

## DRS - Development Reporting System

DRS means Development Reporting System. The DRS is supporting the management of TypoScript and if you like to develop the Browser, you will get support too.

You will get information about the work flow and the TypoScript configuration, if you choose one of the options of the DRS (see image below).

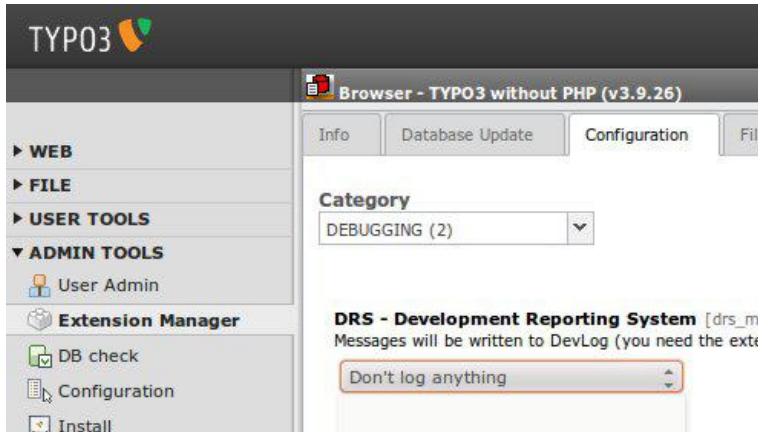


Illustration 19: DRS - Development Reporting System

You need the extension devlog!

Without the extension devlog you won't get any message in the backend.

## Configuring devlog



Illustration 20: Maximum number of rows in devlog

The default maximum number of rows is 1.000 in the devlog configuration.

If you want enjoy all devlog messages from the DRS, please set the maximum number of rows to 10.000.

## Options

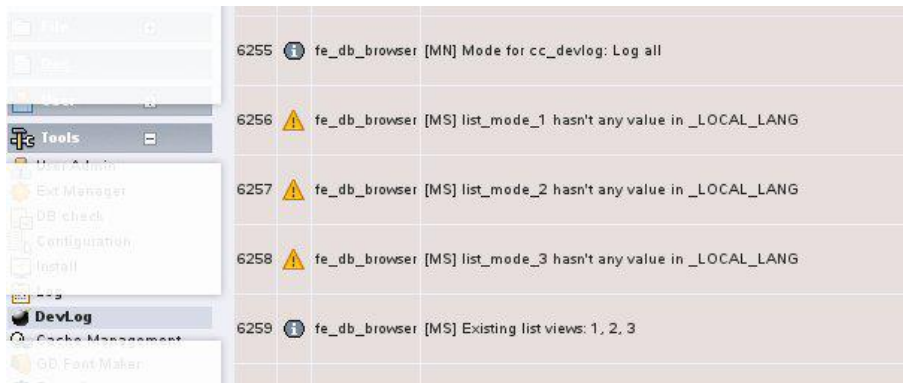
- Don't log anything  
This should be the default.
- Auto Discover development  
Helpful for investigate TCA issues and the self-acting wrapping of fields.
- Filter and Category Menu
- Labelling Support  
Helpful for investigate Labelling issues (`_LOCAL_LANG`).
- Localisation  
Helpful, if you are want to use localized tables and extensions.
- pageBrowser or index browser



- All  
All includes Errors and Warnings and all DRS options. You will get a long list of logs, but this list will be the best, if you want to know all about the work flow of the Browser and your TypeScript configuration.

## Debugging \_LOCAL\_LANG

You get a report for every mode select field (tab), every table summary, table caption and every table field, which hasn't any translation in \_LOCAL\_LANG.



|      |               |  |
|------|---------------|--|
| 6255 | fe_db_browser | [MN] Mode for cc_devlog: Log all                 |
| 6256 | fe_db_browser | [MS] list_mode_1 hasn't any value in _LOCAL_LANG |
| 6257 | fe_db_browser | [MS] list_mode_2 hasn't any value in _LOCAL_LANG |
| 6258 | fe_db_browser | [MS] list_mode_3 hasn't any value in _LOCAL_LANG |
| 6259 | fe_db_browser | [MS] Existing list views: 1, 2, 3                |

Illustration 22: Logs for missing items in the \_LOCAL\_LANG array

# What's new?

## 6.x/7.0

### cHashExcludedParameters

[6.0.2]

Prompt for cHashExcludedParameters configurable by extension manager

### Children handling

[5.0.0]

Children are handled before parents. Enables comfortable TypoScript.

### CSS

[5.0.17]

CSS for multicolumns menus

`<ul> of a menu got the additional class "dropdown-{register:count_menuItems}`

[5.0.11]

CSS class browsebox is renamed to pageBrowser

[5.0.0]

Classes are moved:

- item to row
- cell to column

Map form label got the CSS property display:inline-flex

### DAM

[7.0.6]

Sample for DAM is deprecated and removed

### Foundation

[6.0.7]

Own include static templates for normalize css, jQuery and modernizr JavaScript

### Images

[5.0.0]

There is new link management: Links in list view for images and text and in the map for icons and text are managed by the Browser – TYPO3 without PHP. Type of links will respected: to single view, to an internal page, to an external page or no link.

Because of this the Browser lost the capability, to detect and render images automatically. Sorry.

New features at [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_images\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_images_en/doc/manual.pdf)

### Leaflet

See "Map" on page 60 below too.

[7.0.0]

Integration of Leaflet - responsive map

Constant Editor Categories

- BrowserMaps - Compatibility

TypoScript properties

- `navigation.map.template.leaflet`

See: <http://leafletjs.com/>

Modul Marker-Cluster: <https://github.com/Leaflet/Leaflet.markercluster>

Modul Plugin-Master (GoogleMaps): <https://github.com/shramov/leaflet-plugins>

## Map

See "Leaflet" on page 59 above too.

[6.0.8]

Toggle the map. See example at:

- <http://typo3-organisier.de> > Companies

Configuration by TypoScript Constant Editor

- Category [BROWSERMAPS - HTML]

[6.0.7]

Don't display any map, if there isn't any category.

[6.0.0]

Links depending on record type: record, page, noType, url

[5.0.18]

Additional themes for the zoom and the navigation of the map

- `res/js/map/themes`
  - dark
  - dark red
  - orange

[5.0.12]

Map in mobile mode: OpenLayers Version is moved from 2.12 (buggy) to 2.13 (proper)

[5.0.8]

Map zoom level calculation respects the ratio of the map.

## Page browser

[6.0.2]

Static template for pageBrowser Wrap 4.9

[6.0.0]

Page-Browser got foundation wrapping.

[5.0.18, 6.0.0]

Page-Browser should displayed twice: above the list and below the list

[5.0.15]

Display the pageBrowser even if there isn't any page or one page only. New TypoScript property:

`navigation.pageBrowser.forceOutput`

[5.0.13]

`_LOCAL_LANG.default.pi_list_browserresults_displays` is moved from

`###FROM### to ###TO### out of ###OUT_OF### records`

to

`Page ###CURRENT_PAGE### of ###TOTAL_PAGES###`

`navigation.pageBrowser.showRange` is moved from 1 to 0

[5.0.11]

Don't display an 'empty' pageBrowser.

## pageNotFoundOnCHashError

[6.0.2]

Prompt for pageNotFoundOnCHashError configurable by extension manager

## Radial Search

[6.0.8]

Radial search: Don't display records without empty lat and empty lon in list views.

Configuration by TypoScript Constant Editor:

- Category [BROWSERMAPS - CONTROLLING]

## Relations

[5.0.0]

Support for TCA MM\_insert\_fields and MM\_match\_fields. Enables to manage all relations of all tables of an extension in one relation table.

## Responsive

[5.0.17]

HTML foundation top bar

[5.0.15]

New foundation templates:

- main\_02.html
- table\_02.html

[5.0.9]

Foundation framework is integrated.

## Search

[5.0.15]

New master template for the search box

```
displayList.master_templates.subparts.listview.searchform.simpleMapOrderFilter
```

[5.0.8]

Input field for full text search got a placeholder. Javascript onfocus is removed.

Searchform can be part of the htmlSnippets.

## Table

[7.0.2]

Disable order properties in the table head. See:

- plugin.tx\_browser\_pi1.displayList.tableHead\_orderBy

## Templates

New features at [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_templating\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_templating_en/doc/manual.pdf)

[5.0.1, 5.0.3, 5.0.6, 5.0.7, 6.0.0]

Linked details, header, image, text, typolink, url:

You got a header, image or text with a "details"-part linked to the singleview, an internal page, an external URL or not linked – depending on the record type. See XXX

[5.0.16]

HTML-Template for newsletter

### tt\_content

Tutorial: "Ready-to-use Sample" on page 8 above.

[7.0.6]

Adapt the tt\_content sample to Browser 6.x/7.x and TYPO3 6.x with FAL

### tt\_news

Tutorial: [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_tt\\_news\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_tt_news_en/doc/manual.pdf)

[7.0.6]

Adapt the tt\_news sample RSS feed to Browser 6.x/7.x and TYPO3 6.x

Adapt the tt\_news sample to Browser 6.x/7.x and TYPO3 6.x

### TYPO3 6.2

[6.0.0]

Upgrade for TYPO3 6.2

### TypoScript Engine 5.x

[5.0.10]

displayList.templateMarker.oddClass is replaced by displayList.templateMarker.cssClass

[5.0.1]

TypoScript file is unitised. Should simplify the maintenance.

[5.0.0]

No support for GROUP\_BY, handle as title, text and image. Sorry.

In case of trouble try

```
plugin.tx_browser_pil.advanced.downgrade.5_0_0.typoscriptEngine4x = 1
```

## 4.9

### Filter: AND

[4.8.8]

Filter items can queried by OR and AND.

See

- Browser Tutorial Filter and Search  
[http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_search\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_search_en/doc/manual.pdf)

### Filter: Checkboxes for Selectbox

[4.8.8]

If you are using a selectbox in the backend, you can render the items both ways in the frontend:

- as selectbox or
- as checkboxes.

See

- Browser Tutorial Filter and Search  
[http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_search\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_search_en/doc/manual.pdf)

### TYPO3 6.1

[4.8.10]

The Browser should be fit for TYPO3 6.1. Especially:

- Documents will rendered without any conflict with the FAL.
- Proper form in the extension manager.

## 4.8

### BrowserMaps / Custom Map: controlling of map visibility

[4.8.5]

If you are using a custom map, you can controll the visibility of the wms (Google Maps or OpenStreetMap) with the property: wmsVisibility. wmsVisibility is false by default. See

```
configuration = {
    language          : 'de'           // default | en | de
    , ...
    , customMap        : {
        type: 'Image'
    , ...
    , wmsVisibility : true
    }
```

### BrowserMaps / Routes: controlling the error prompt

[4.7.0]

Configurable error prompt in case of missing categories / marker (POI). See

- TypeScript Constant Editor > Browsermaps – Debugging > Route Relations

### BrowserMaps / Routes: evaluation of relations

[4.8.5]

If an editor saves a route record (path, marker (POI) and category), the Browser – TYPO3 without PHP – evaluates the relations. If there is an improper relation, the editor will get a prompt.

### jQuery: live() -> on()

[4.8.4]

The Browser javascript is using the jQuery method on() instead of live(). live() is supported by jQuery to version 1.8 only.

### Radial Search (Umkreissuche)

[4.7.0]

You can geocode your address data automatically. See the Tutorial BrowserMaps at

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

### Recursion Guard – configurable by Constant Editor

[4.8.5]

The recursion guard is configurable by the constant editor. See

- TypeScript Constant Editor > Browser – Advanced > Recursion Guard

The Browser checks fault-prone loops by the recursion guard limit. If a loop cross this limit, the workflow will exit. You will get an error prompt in the frontend. The limit is by default 10.000 runs per one loop.

### User function: render\_table

[4.8.0]

tt\_content.table.20 can used by tt\_content records only.

The Browser extends tt\_content.table.20 for every database. See

- a TypeScript example
- and further information

at

- HTML [http://typo3.org/extensions/repository/view/browser\\_tut\\_userfunc\\_en](http://typo3.org/extensions/repository/view/browser_tut_userfunc_en)
- PDF [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_userfunc\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_userfunc_en/doc/manual.pdf)

Quick Shop is using this method for datasheets.

### tt\_address tutorial (german)

[4.7.0]

Matthias Haack has written and published a tutorial for tt\_address and the Browser – TYPO3 without PHP.

The tutorial is in German language. See

- [http://blog.matthaa.de/die-typo3-extension-browser-typo3-without-php-anwendungsbeispiel-mit-tt\\_address-daten/](http://blog.matthaa.de/die-typo3-extension-browser-typo3-without-php-anwendungsbeispiel-mit-tt_address-daten/)

Matthias Haak is Certified TYPO3 Integrator. See <http://www.matthaa.de>

### TYPO3 6.x

[4.7.4]

The Browser – TYPO3 without PHP – is fit for TYPO3 6.x.



# FAQ

## Search

### Is it possible to search in fields, which aren't displayed?

Yes, you can search in table fields, which aren't displayed in the frontend. Use the TS property "search". See the Tutorial Search.

### May I use the TYPO3 Indexed Search Machine?

Yes, please add the HTML search comments in the HTML template, if you want to use indexed search.

## Team play

### Is there a Cache Management?

Yes, the Browser uses the TYPO3 cache management.

### May I use SimulateStaticDocuments and Real URL?

Yes, you may use SimulateStaticDocuments or Real URL.

There is a template example for Real URL for the file locallang.php. See the Tutorial Real URL.

### May I use the Browser with TemplaVoila?

Yes. The Browser is a frontend plugin. You can use it within TemplaVoila like any other frontend plugin.

## UTF-8

### Is the extension UTF-8 secure?

Yes, it should be.

### It seems that I have a problem with UTF-8 and Time Stamps

The Browser uses the PHP method strftime for format time stamps into a human readable format.

The Browser alter the result of the method from UTF-8 to ISO, if there are special signs like German Umlaute (Ä, Ö, Ü, ß) and if they are stored in UTF-8.

If you have any problem with the display of formatted time stamps and special signs, please deactivate the TypoScript property:

```
plugin.tx_browser_p11 {
    format {
        strftime {
            utf8_encode = 0
        }
    }
}
```

## Web Accessibility Initiative (WAI)

The Browser uses tables for the list views and the single views. The tables are according to the guidelines of the Web Accessibility Initiative (WAI). Tables have a summary and uses the tags caption, thead, th and tbody.

Example code:

```
...  
<table summary="Liste von Nachrichten mit Überschriften und Kategorien">  
  <caption>Überschriften und Kategorien</caption>  
  <thead>  
    <tr>  
      <th class="cell-0">...</th>  
      ...  
    </tr>  
  </thead>  
  <tbody>  
    <tr>  
      <td class ...
```

# Sponsoring

## Credits

Current sponsors:



Illustration 23: Freemedia (Switzerland)  
<http://freemedia.ch/>



Illustration 24: lieska tuotanto (Finland)  
<http://lieska.net>

## Packages

Your donation and sponsoring is welcome.

Please order a package for sponsors at

- English: <http://typo3-browser.de/en/sponsoring/>
- German: <http://typo3-browser.de/sponsoring/>



### Fun – 50 EUR



You like to treat the TYPO3 Browser project.

You don't expect any equivalent. No logo. No service.

Throw 50 EUR or any other old sum into the cash box.

You will get a receive. You can set the amount off against tax liability.

You can take any other old sum than 50 EUR

### Logo – 150 EUR



You are treating the TYPO3 Browser project and you like to be a guide for others.

Your logo will appear in the manual, at the website and in the extension manager of the Browser – TYPO3 without PHP.

The period of validity is limited to one year.

You will get a receive. You can set the amount off against tax liability.

You can pay more than 150 EUR.

### Patron – 500 EUR



You are the patron. You are treating the TYPO3 Browser project and you like to pay the chef developer more than best for two hours service.

Your logo will appear in the manual, at the website and in the extension manager of the Browser – TYPO3 without PHP.

You can book the chef developer of – TYPO3 without PHP – for two hours.

The period of validity for both – the logo and the two hours – is limited to one year. If you don't use the two hours in this period, you will lost it.

You will get a receive. You can set the amount off against tax liability.

You can pay more than 500 EUR.

# 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>

## To-Do List

There is a lot to do. See the Browser on TYPO3 forge

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

# Further Information

## Documentation

### Tutorial overview

You get an overview in English and German at

- <http://typo3-browser.de/en/browser-tutorials/>

### This manual in PDF

You find this manual as PDF file at

- [doc/manual.pdf](#)
- [http://typo3-browser.de/typo3conf/ext/browser\\_manual\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_manual_en/doc/manual.pdf)

## Recommended Tutorials

### Tutorial Basic

It is recommended to read the Tutorial Basic, if you want to become familiar with the Browser.

- [http://typo3-browser.de/typo3conf/ext/browser\\_tut\\_basics\\_en/doc/manual.pdf](http://typo3-browser.de/typo3conf/ext/browser_tut_basics_en/doc/manual.pdf)

## Forum

The Browser has a forum.

Posts are welcome in English and German. Sorry, the interface is in German only.

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

## Functional Schematic

Develop TYPO3 eight times faster!

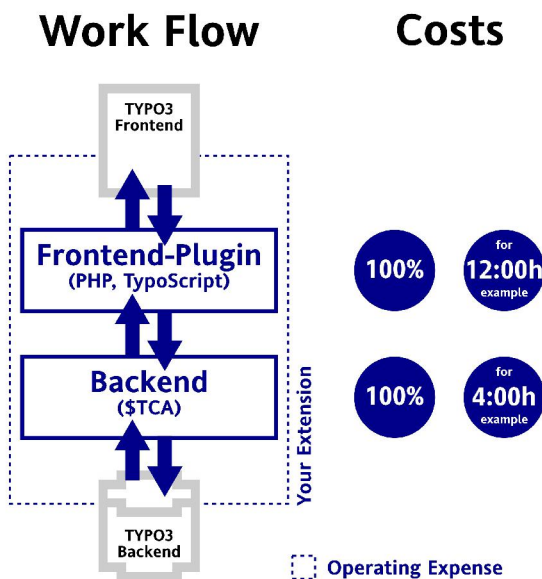


Illustration 25: Common way of TYPO3 extension development.

The common way of TYPO3 extension development:

- You develop your own frontend plugin.
- You have to code your own PHP.
- You have to code your own TypoScript template.

TYPO3 extension development with the Browser:

- You don't need any frontend plugin.
- You don't need to code any line PHP.
- You have to code a TypoScript template for controlling the Browser.

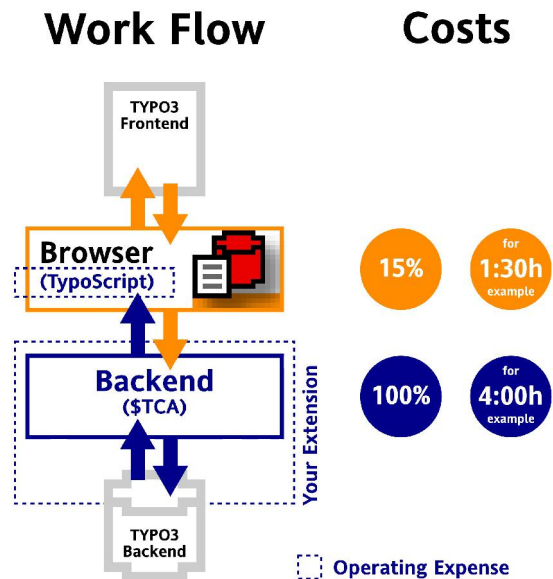


Illustration 26: TYPO3 extension development with the Browser.

## Save up to 85 percent of your development costs

Compare the costs for the development without and with the Browser in our example above.

We guess, that you can save 85 percent of the costs for the development of a frontend plugin, if you are using the Browser.

In our example you would need 16 hours for the development of your extension with a frontend plugin (4 hours for the backend plus 12 hours for the frontend). If you are using the Browser you would need 5:30 hours (4 hours for the backend plus 1:30 hours for the frontend). You would save 9:30 hours (nearly 60 percent) altogether.

The can test it with the case story "Grüne Autos". The case story demonstrates to build your own database with a lot of features within three hours. Sorry, the case story is in German only.

The claim of the Browser is: TYPO3 without PHP.



## Other extensions published by Die Netzmacher

-  +AOE Linkhandler Configurator: Configure the AOE linkhandler supported by userinterfaces. Out-of-the-box templates for cal, org, tt\_news and tt\_products. Don't edit page TSconfig any longer.  
<http://typo3.org/extensions/repository/view/linkhandlerconf/>
-  autositemap: A smart site-map optimised for the footer. It groups menus in columns. Great menus will get two columns. Configuration is based on TypoScript HMENU.  
<http://typo3.org/extensions/repository/view/autositemap/>
-  Browser – TYPO3 without PHP. Develop your TYPO3 extension 8 times faster! You need one line TypoScript for a result list with a search form, a record browser and an index browser. Images are wrapped self-acting. SEO, Search Engine Optimization, is integrated. <http://typo3.org/extensions/repository/view/browser/>
-  Caddy – the TYPO3 shopping cart. You can use it for your own needs. You need a database with products or any other items only. You can install Caddy out of the box with one mouse click – see Quick Shop below.  
<http://typo3.org/extensions/repository/view/caddy/>
-  Deal! – TYPO3 Quick Shop interface for the marketplace ebay. Manage all items with TYPO3 and publish it on ebay. Amazon is under construction.  
<http://typo3.org/extensions/repository/view/deal/>
-  Duty – collection of helpful scheduler tasks. Here: remove deprecated files from directories.  
<http://typo3.org/extensions/repository/view/duty/>
-  Flip it! offers lovely and smooth page flip transitions. It enables you to run over pages in PDF documents like in a real magazine. It is based on flash. Flipt it! can convert PDF documents to swf files automatically.  
<http://typo3.org/extensions/repository/view/flipit/>
-  Jobmarket is a catalogue with job offers. Views, the a-z-browser, the page-browser, the search, social bookmarks and a lot of other stuff can configured by the Browser plugin with the mouse. Job Market hasn't any PHP code, it should be easy to adapt it to your needs.  
[http://typo3.org/extensions/repository/view/job\\_market/](http://typo3.org/extensions/repository/view/job_market/)
-  Organiser – TYPO3 for the lobby and the organisers. Handle news, events, staff, headquarters, locations, workshops and a calendar with one extension. Sell online tickets! Install the Organiser with one mouse click!  
<http://typo3-organiser.de/>
-  Quick Shop – the fastest shop in the history of TYPO3. Install it with one mouse click! Quick Shop is based on the browser (see above) and powermail.  
<http://typo3-quick-shop.de/>
-  PDF Controller: Easy to install. Add to your HTML page the PDF-controller-button. Link from the button to the controller. Adjust the controller by mouseclicks. The PDF Controller supports CSS 3.  
<http://typo3-pdfcontroller.de/>
-  Radial Search (Umkreissuche) – Enable the browsing through your data by geo location. 'Your data must have a latitude and a longitude. Address data can geocoded automatically by the Browser - TYPO3 without PHP.  
<http://typo3.org/extensions/repository/view/radialsearch/>
-  Route – Publish your routes with GoogleMaps or OpenStreetMap. Routes have points of interest (POI). You can categorise and filter both: routes and POI. Address data can geocoded automatically.  
<http://typo3.org/extensions/repository/view/route/>
-  seo\_dynamic\_tag: Search Engine Optimization for the title tag, the canonical tag and the meta tags author, description and keywords. Configuration by a user interface.  
[http://typo3.org/extensions/repository/view/seo\\_dynamic\\_tag/](http://typo3.org/extensions/repository/view/seo_dynamic_tag/)
-  Slick - jQuery Carousel: Fully responsive. Scales with its container. Separate settings per breakpoint. Uses CSS3 when available. Swipe enabled. Desktop mouse dragging. Infinite looping. Fully accessible.  
<http://typo3.org/extensions/repository/view/slick/>
-  TSconfig Pages and Users by extManager (extkey: tsconf): Configure the the eight most commonly used TSconfig porperties with the mouse - like page tree uids, activated extended view, activated clipboard, ...  
<http://typo3.org/extensions/repository/view/tsconf/>

# Known bugs

## cHash comparison failed

Sometimes there will be the error:

Page Not Found

Reason: Request parameters could not be validated (&cHash comparison failed)

It seem's, that this is a bug in the TYPO3 API. See

- [http://forum.typo3.org/index.php/m/702233/#page\\_top](http://forum.typo3.org/index.php/m/702233/#page_top)

### Workflow

But there is a workflow:

Please set in the install tool

- [FE][pageNotFoundOnCHashError] to 0.

cHash won't never checked, forms will run proper.

But this is a workflow only, it isn't a I a proper solution for the eternity.

## Filter

### Areas

[Known since 4.5.2]

See <http://forge.typo3.org/issues/46783>

value\_stdWrap must correspond with url\_stdWrap like in the example below.

```
plugin.tx_browser_pil {
    views {
        list {
            1 {
                filter {
                    my_table {
                        my_timestamp {
                            area {
                                interval {
                                    month {
                                        value_stdWrap {
                                            strftime = %b %Y    // this value must correspondend with ...
                                        }
                                        url_stdWrap {
                                            strftime = %b %Y    // ... this value
                                        }
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
    }
}
```

## Prototype

There is a conflict with jQuery and Prototype. Please disable Prototype, if it is possible.

## On TYPO3 Forge

There are a lot of bugs known. See

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

# Change Log

- 7.1.0 **SECURITY BUGFIX**  
 \* #i0169: Prevent cross site scripting. See #i0164 too.  
**Feature**  
 \* #i0168: Slick Carousel template. See tab Template in the flexform.  
**Bugfix**  
 \* #i0169: Text with image should wrapped as text only in case of no image.
- 7.0.16 **Improvement**  
 \* #i0166: Base class wrap: some classes are removed  
**Bugfix**  
 \* #i0167: Flexform property "Template" > "wrap in base class" wasn't respected
- 7.0.15 **SECURITY BUGFIX**  
 \* #i0165: Proper comment in TER upload prompt.
- 7.0.14 **SECURITY BUGFIX**  
 \* #i0164: \$GLOBALS[ 'TYPO3\_DB' ]->escapeStrForLike() is replaced by \$GLOBALS[ 'TYPO3\_DB' ]->quoteStr()
- 7.0.13 **Improvement**  
 \* #i0163: Additionally TypoScript template: Browser [0] + Foundation Framework + JSS fastclick
- 7.0.12 **Improvement**  
 \* #i0162: ATagTitle field for the foundation top bar.  
 \* #i0161: CSS: remove border-right from .category\_menu.
- 7.0.11 **Improvement**  
 \* #i0160: Autocomplete added to the list of components in  
   \* t3jquery.txt
- 7.0.10 **Feature**  
 \* #i0159: Resources/Public/JavaScript/Map/oxMap/toggle/map\_slideUp.js  
 See Browser Tutorial Leaflet
- 7.0.9 **Improvement**  
 \* #i0158: Browser Manual:  
   Remove  
   \* Manual Out-of-the-box  
   \* Icon: Update
- 7.0.8 **Bugfix**  
 \* #66391: Radialsearch doesn't calculate radial distance  
 \* #66389: SQL Error in context with radial search
- 7.0.7 **Feature**  
 \* #i0155: link management: tt\_news types 0, 1, and 2 are respected  
**Bugfix**  
 \* #i0156: foundation lightbox
- 7.0.6 **Improvement**  
 \* #i0152: state is set from alpha to beta  
 \* #i0150: Adapt the tt\_news sample RSS feed to Browser 6.x/7.x and TYPO3 6.x  
 \* #i0148: Sample for DAM is deprecated and removed  
 \* #i0146: Adapt the tt\_news sample to Browser 6.x/7.x and TYPO3 6.x  
 \* #i0143: Adapt the tt\_content sample to Browser 6.x/7.x and TYPO3 6.x with FAL  
**Bugfix**  
 \* #i0154: distance is added in default templates but without radial search  
 \* #i0153: Images aren't sized in some cases (wine extension for example):  
   GM (GraphicsMagick missed on the local server)  
 \* #i0151: CSV export: fields aren't wrapped proper  
 \* #i0149: RSS-Feed template: detection error  
 \* #i0147: tt\_news sample list view: image isn't rendered  
 \* #i0145: FAL fails in single view  
 \* #i0144: isset() returns false in case of a NULL value > moved to array\_key\_exists()
- 7.0.5 **ToDo**  
 \* #i0142: JOINS doesn't run proper, if field with MM\_match\_fields isn't called like the foreign table.

- 7.0.4 **Bugfix**  
\* #61797: Unproper results depending on search without zip
- 7.0.3 **Bugfix**  
\* #i0141: Order of list items with translation and language overlay  
\* #i0140: Order of filter items with language overlay  
\* #i0139: SQL ressource error in case of an empty result in localisation mode
- 7.0.2 **Features**  
\* #i0138: Disable order properties in the table head. See:  
\* plugin.tx\_browser\_pi1.displayList.tableHead\_orderBy  
**Improvement**  
\* #i0136: debugTrail() compatibility TYPO3 4.x / 6.x  
\* #i0133: Template must contain subpart marker ###SINGLEBODYROW### or ###LISTBODYITEM###  
\* #i0132: Constants for image and url got default values  
**Bugfix**  
\* #i0137: Filter aren't respected in localisation mode and in case of no counting  
\* #i0135: Order of filter items wasn't proper in case of no counting  
\* #i0134: Proper localisation for the single view
- 7.0.1 **Improvement**  
\* #i0131: Templates row / columns
- 7.0.0 **Major Feature**  
\* #65184: Integration of Leaflet - responsive map  
Constant Editor Categories  
\* BrowserMaps – Compatibility  
TypoScript properties  
\* navigation.map.template.leaflet  
See: <http://leafletjs.com/>  
\* #65184/#i193: Modul Marker-Cluster  
See: <https://github.com/Leaflet/Leaflet.markercluster>  
\* #65184/#i194: Modul Plugin-Master (GoogleMaps)  
See: <https://github.com/shramov/leaflet-plugins>
- 6.0.8 **Features**  
\* #i0129: Radio buttons and checkbox: field got label  
\* #i0127: Radial search: Don't display records without empty lat and empty lon in list views  
Configuration by TypoScript Constant Editor  
\* Category [BROWSERMAPS – CONTROLLING]  
\* Empty coordinates?  
\* #i0126: New property: displayList.templateMarker.cssClass.wrap  
\* #i0123: Toggle the map  
See example at  
\* <http://typo3-organisier.de> > Companies  
Configuration by TypoScript Constant Editor  
\* Category [BROWSERMAPS – HTML]  
\* JavaScript  
\* Template  
\* #i0121: 3rd backend layout without HTML snippet for foundation  
**Improvements**  
\* #i0130: CSS: Checkbox row is moved to checkbox-row, radio button row is moved to radio-row  
\* #i0124: Map default template: filter are moved from top to bottom  
**Bugfix**  
\* #i0128: td class in case of an non default template  
\* #i0125: Map marker pop-up without desription  
\* #i0122: Missing sword in value of HTML sword input field
- 6.0.7 **Feature**  
\* #i0120: Don't display any map, if there isn't any category  
\* #i0110: Own include static templates for normalize css, jQuery and modernizr JavaScript  
\* #i0109: Class for indexBrowser tab by TypoScript  
\* #i0108: Additional templates head 3 and 4, image 3 and 4, typoscript/url 4  
**Improvements**  
\* #i0119: CSS for multicolumnsmenu becomes own file  
\* Resources/Public/Css/Foundation/multicolumnmenu.css  
\* see: #i0081  
\* #i0111: Support for supporting t3globals is removed. It isn't needed.

If you need it, please configure TypeScript.

- \* #i0106: moved: static templates of pi3 and pi4 are moved to Configuration/TypeScript
- \* #i0105: removed: Configuration/TypeScript/includes/setup/plugin/tx\_browser\_pi1/displayList/\master\_templates/subparts/searchform/complex.ts
- \* #i0104: moved: res/sample to Resources/Public/Sample
- \* #i0103: moved: res/js to Resources/Public/JavaScript
- \* #i0102: moved: res/images to Resources/Public/Images
- \* #i0101: moved: res/html/map to Resources/Private/Templates/HTML/Map
- \* #i0100: removed: Configuration/TypeScript/downgrade/4.5.4
- \* #i0099: removed: Configuration/TypeScript/downgrade/3.9.0
- \* #i0098: removed: res/html/until\_3.9.6
- \* #i0097: moved: default.css from res/html to Resources/Public/Css
- \* #i0096: moved: favicon.ico from res/html to Resources/Public/Images
- \* #i0095: moved: res/html/\*tmpl are moved to Resources/Private/Templates/HTML/  
UPGRADE: All Browser Plugins/Flexforms must be updated. See [Templating] > HTML
- \* #i0094: static to Configuration/TypeScript  
UPGRADE: All TypeScript Templates must be included again

#### Bugfix

- \* #i0118:
  - PHP Warning: Invalid argument supplied for foreach() in pi1/class.tx\_browser\_pi1\_map.php line 201
  - PHP Warning: implode(): pi1/class.tx\_browser\_pi1\_map.php line 262
  - PHP Warning: array\_flip() pi1/class.tx\_browser\_pi1\_map.php line 2089
- \* #i0117: Bug in case of a table with a tree parent field and more than one used filter
- \* #i0116: Invalid argument supplied for foreach() in pi1/class.tx\_browser\_pi1\_filter\_4x.php line 5243
- \* #i0115: PHP Warning: implode(): Invalid arguments passed in pi1/class.tx\_browser\_pi1\_typoscript.php
- \* #i0114: in\_array() expects parameter 2 to be array in pi1/class.tx\_browser\_pi1\_flexform.php
- \* #i0113: PHP Warning: Couldn't fetch mysqli\_result in pi1/class.tx\_browser\_pi1\_viewlist.php line 1144
- \* #i0112: Browser engine 5 is using code of Browser 3
- \* #i0107: tx\_browser\_pi1\_typoscript::wrapRowTableLocalGetFields cached fields by a static variable.
- \* #i0106: tx\_browser\_pi1\_sql::get\_statements cached get statements by a static variable.
- \* #64116: No noItemMessage in case of no records

6.0.6

#### Feature

- \* #i0092: Plugin: icons for Browser templates

#### Improvements

- \* #i0093: Plugin: display the first three jquery ui templates only
- \* #i0091: PHP Warning: Illegal string offset
  - \* 'file' in pi1/class.tx\_browser\_pi1\_backend.php line 1809
  - \* 'name' in pi1/class.tx\_browser\_pi1\_backend.php line 2118
  - \* 'file' in pi1/class.tx\_browser\_pi1\_backend.php line 2119
- \* #i0090: Improve recursion guard

6.0.5

#### Improvements

- \* #i0089: Responsive HTML ###MAP###

6.0.4

#### Bugfix

- \* #i0088: Wrong constant paths twice

6.0.3

#### Bugfix

- \* #i0087: Added pagebrowser bottom to main.tmpl

6.0.2

#### Feature

- \* #62615: Static template for pageBrowser Wrap 4.9 (see #i0084)
- \* #62610: Prompt for cHashExcludedParameters configurable by extension manager
- \* #62607: Prompt for pageNotFoundOnCHashError configurable by extension manager

#### Bugfix

- \* #62604: Make sure that jQuery will be loaded at the bottom of the page,  
BUT before every other javascript inclusions

6.0.1

#### Bugfix

- \* #62546: SQL query with "AND AND"

6.0.0

#### Major Feature

- \* #i0086: Foundation is updated from 5.3.0 to 5.4.5
- \* #i0084: pagebrowser got foundation wrapping
- \* #i0083: pagebrowser is placed at top and bottom of lists.
  - \* Subpart marker ###PAGEBROWSER### is moved to ###PAGEBROWSERTOP###
  - \* New subpart marker ###PAGEBROWSERBOTTOM###

- \* #61970: Templates for header, text and images
- \* #61971: Templates for header
  - \* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.header
- \* #61972: Templates for text
  - \* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.text
- \* #61973: Templates for images
  - \* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.image
- \* #61974: Templates for url
  - \* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.details
  - ... \* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.url
- \* #61986: Foundation clearing lightbox
- \* #61520: Update TYPO3 6.2: Compatibility with TYPO3 6.2
- \* #61594/#61664: TYPO3 6.2: &chash empty / chashExcludedParameters / pageNotFoundOnCHashError
  - \* hidden fields are removed from the form
    - \* no\_cache
    - \* tx\_browser\_pi1[plugin]
  - \* hidden fields are rendered by PHP
- \* #61646: Replace the static method t3lib\_div::intInRange
- \* #i0083: Improvements for Foundation
  - \* wrapInBaseIdClass

#### Feature

- \* #61938: BrowserMaps: Links depending on record type: record, page, noType, url  
See #61937 at route

#### Improvement

- \* #i0083: graded from beta to alpha

#### Bug

- \* #61926: ###MAP### marker in main template is removed (error with route. see: route ChangeLog)
- \* #i0084: Treeview filter displays "Array" instead of a rendered HTML filter after sending a filter value

5.0.18

#### Improvement

- \* #i0082: Filter local table: Replace mysql\_real\_escape\_string
- \* #t0013: Additional themes for the zoom and the navigation of the map
  - \* res/js/map/themes
  - \* dark
  - \* dark red
  - \* orange
- \* #t0014: Page-Browser should displayed twice: above the list and below the list

5.0.17

#### Feature

- \* #i0081: CSS multicolumns menu
  - \* <ul> of a menu got the additional class "dropdown-{register:count\_menuItems}"

#### Improvement

- \* #i0080: HTML foundation top bar

5.0.16

#### Feature

- \* #60530: HTML-Template for newsletter

#### Improvement

- \* #i0079: Improve arrDataQuery

5.0.15

#### Features

- \* #i0078: New master template for the search box
  - \* displayList.master\_templates.subparts.listview.searchform.simpleMapOrderFilter
- \* #i0077: New foundation templates:
  - \* main\_02.html
  - \* table\_02.html
- \* #60426: Display the pageBrowser even if there isn't any page or one page only  
New TypoScript property: navigation.pageBrowser.forceOutput

5.0.14

#### Improvement

- \* #i0076: map has an JSS error, if there is a category without any proper record  
(a record without lat or lon)
- \* #i0075: fields with a null value weren't wrapped
- \* #i0074: Search form should not send the page pointer of the page browser
- \* #i0073: Sword: Phrases are concatenated with OR and AND
- \* #i0072: Treeview reset:
  - \* cookies will removed now

5.0.13

#### Improvement

- \* #i0071: Pagebrowser:
  - \* `_LOCAL_LANG.default.pi_list_browserresults_displays` is moved from "###FROM### to ###TO### out of ###OUT\_OF### records" to "Page ###CURRENT\_PAGE### of ###TOTAL\_PAGES###"
  - \* `navigation.pageBrowser.showRange` is moved from 1 to 0
- 5.0.12 **Improvement**
  - \* #i0070: Map in mobile mode: OpenLayers Version is moved from 2.12 (buggy) to 2.13 (proper)
  - \* #i0069: Treeview filter: exhaustd filter resets the input fields of the form proper.
  - \* #i0067: Sword: Phrases are concatenated with OR but it must be AND
- 5.0.11 **Improvement**
  - \* #i0066: Don't display an 'empty' pageBrowser
  - \* #i0065: CSS class `browsebox` is renamed to `pageBrowser`
- 5.0.10 **Feature**
  - \* #i0064: `displayList.templateMarker.oddClass` is replaced by `displayList.templateMarker.cssClass`**Bugfix**
  - \* #i0062: Default icon for record without any category
  - \* #i0061: Map zoomLevel: `zoomLevel` is set to 1, if there isn't any POI
  - \* #i0060: Map `jsonData`: if there isn't any data, `jsonData` doesn't return null any longer but {}
  - \* #i0059: Map `zoomlevel` doesn't return -INF any longer but 18.
- 5.0.9 **Feature**
  - \* #i0058: Foundation
- 5.0.8 **Improvement**
  - \* #i0057: map zoom level calculation respects the ratio of the map
  - \* #i0056: Input field for full text search got a placeholder. Javascript onfocus is removed.
  - \* #i0055: `htmlSnippets`:
    - \* `viewlist`: will render earlier in the workflow
    - \* `subparts` will rendered before the rendering of the marker
    - \* `success`: `searchform` can be part of the `htmlSnippets`.
- 5.0.7 **Feature**
  - \* #60142: Templating: new type `notype`
- 5.0.6 **Feature**
  - \* #i0054: A 2nd and 3rd image and url template
- 5.0.5 **Bugfixes**
  - \* #i0053: `noItemMessage`
  - \* #i0052: Children relation in case of opposite field
- 5.0.4 **Feature**
  - \* #60107: Consolidate Search
    - \* `pi1/class.tx_browser_pi1_zz_sword.php` ( new ) [NOT USED!]
    - \* TypoScript
      - \* `Searchform` elements got the Typoscript property `TEXT`
      - \* `and`
      - \* `or`
      - \* `not`
    - \* `plugin.tx_browser_pi1.displayList.display.searchform.noResult` is removed, because it was deprecated
    - \* CSS
      - \* Wrap of `noItemMessage` is moved from `<p class="noItemMessage">|</p>` to `<p style="padding:2em 0;">|</p>`
- 5.0.3 **Feature**
  - \* #60089: tableField templates 2/2
    - New template
      - \* `plugin.tx_browser_pi1.displayList.master_templates.tableFields.typolink` is used in
      - \* `plugin.tx_browser_pi1.navigation.map.marker.variables.system.url`
      - \* `plugin.tx_browser_pi1.displayList.master_templates.tableFields.header`
      - \* `plugin.tx_browser_pi1.displayList.master_templates.tableFields.text`
      - \* `plugin.tx_browser_pi1.displayList.master_templates.tableFields.image`
    - Updated template
      - \* `plugin.tx_browser_pi1.navigation.map.marker.variables.system.description`
  - Description was a text oit of a title. It is now a COA with image, header and text.



- 5.0.2 **Feature**  
\* #i0051: Make TypoScript main file clear: map  
\* static/includes/setup/plugin/tx\_browser\_pi1/navigation/map/\* ( new )
- 5.0.1 **Feature**  
\* #60089: tableField templates 1/2  
New templates  
\* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.header  
\* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.text  
\* plugin.tx\_browser\_pi1.displayList.master\_templates.tableFields.image  
\* #60076: Make TypoScript main file clear: Different files instead of one file
- 5.0.0 **Feature**  
\* #i0050: map form label got the CSS property display:inline-flex  
\* #60014: Consolidate table head  
\* #59953: Consolidate single view  
\* #59942: Divider for children per table.field (from Typoscript engine 5.x)  
\* #59669: Consolidate Wrapper  
\* Typoscript engine is upgraded from 4.x to 5.x  
\* 5.x doesn't support  
\* GROUPBY  
\* handle as title, text, image  
\* If you need the former behaviour, please configure:  
plugin.tx\_browser\_pi1.advanced.downgrade.5\_0\_0.typoscriptEngine4x = 1  
\* CSS  
\* class 'item' is moved to 'row'  
\* class 'cell' is moved to 'column'  
\* #59563: Enhance MM-relations for TCA MM\_match\_fields  
\* #59579: Children  
\* Feature : consolidate wrapAndLinkValue  
\* Feature : children are rendered before the parent is rendered, parent can use rendered children (from Typoscript engine 5.x)  
\* Bugfix : The links of children records are unproper from second record  
\* #52301: Optimise Search Box  
\* #12739: Asc/Dsc-Marker to CSS-classify header fields in self defined list views  
Improvement  
\* #i0051: MY\_TITLE in flexform is set in default language in every case  
Bugfix  
\* #i0050: \$this->pObj->objWrapper4x->constant\_markers() (from Typoscript engine 5.x)  
\* #60013: SQL error, if select box for ordering is empty  
\* #59729: Don't mark up search words within HTML tags  
\* #54983: cHash comparison failed  
\* #46200: SQL error when searching with "and"
- 4.9.1 **Bugfix**  
\* #i0046: var\_dump in tx\_browser\_cssstyledcontent::render\_uploads\_per\_language
- 4.8.10 **Feature**  
\* #58348: TYPO3 6.1: replacement of tt\_content.uploads.20  
\* static/includes/typo3\_45/tt\_content/uploads/setup.ts (new)
- 4.8.9 **Bugfixing**  
\* #i0045: Creating default object from empty value in class.tx\_browser\_pi1\_cObjData.php
- 4.8.8 **Features**  
\* #56339: Filter: "combined" values - not realised  
\* #56332: Frontend checkboxes for backend selectbox  
\* #56329: AND option for filter  
\* New TypoScript property filter.table.field.modeAndOr  
\* Option isn't tested in localised context
- 4.8.7 **Bugfixing**  
\* #56088: Browser Calendar: Bug for dates over several days
- 4.8.6 **Bugfixing**  
\* #i0044: numberFormat( ) without cObj->data  
\* #i0043: \$\$ -> \$  
\* #54901: TYPO3 6.1: Unproper form of extension manager



- 4.8.5 **Features**
- \* #i0042: DRS prompt: Map +Route: no indexBrowser possible.
  - \* #i0041: DRS prompt: Map +Route: no pageBrowser possible.
  - \* #54616: TypoScript constant recursionguard
  - \* #54612: BrowserMaps: custom layer: controll initial visibility
  - \* #54575: Evaluate Backend tables route
  - \* #54548: CSS class for form lables
- Improvement
- \* #i0040: Frontend prompt, if recursion is bigger than ...
  - \* #i0039: BrowserMaps: Limit for children of a path is increased from 99 to 999
  - \* #i0038: OpenStreetMap\_0.0.2.js > OpenStreetMap\_1.3.10.js  
oxMap.Render\_1.2.01.js > oxMap.Render\_1.3.07.js
- Bug**
- \* #54595: Unwanted error message in case of no data for a map
- 4.8.4 **Feature**
- \* #54094: jQuery: replace live() with on()
- 4.8.3 **Improvement**
- \* #i0037: Improved DRS for hooks
- 4.8.2 **Improvement**
- \* #i0036: area with intergers got an andWhere with an unix\_timestamp
  - \* #i0035: Conflict radial search and multiple filter
  - \* #i0034: Improved error prompt for filter
- 4.8.1 **Bug**
- \* #53466: BrowserMaps Corporate Design: Zoom-Level properties without effect
- 4.8.0 **Feature**
- \* #53397: CSS styled content: table
- 4.7.4 **Feature**
- \* #53366: Fit it into TYPO3 6.x
- 4.7.3 **Bug**
- \* #i0033: Missing argument 1 for tx\_browser\_pi1\_filterRadialsearch::andWhere( )
- 4.7.2 **Bug**
- \* #53356: Filter loop seems to quit after first select box
- 4.7.1 **Improvements**
- \* #i0032: Radialsearch
- 4.7.0 **Feature**
- \* #52903: BroserMaps/Routes: configurable error prompt in case of missing categories / marker (POI)
  - \* #52545: Example of use for tt\_address
  - \* #52486: Radial Search
- 4.6.5 **Bugfixing**
- \* #52297: Selectbox for ordering is missing  
\* displayList.selectBox\_orderBy.display = 0 (before 1)
- 4.6.4 Bugfixing
- \* #i0031: pi1/class.tx\_browser\_pi1\_multisort.php
- 4.6.3 **Bugfixing**
- \* #52166: Fatal error: class.tx\_browser\_tremainprocdm.php on line 145
- 4.6.2 **Improvement**
- \* #i0029: Views array will cleaned up proper  
Example:  
\* single.301. ... will removed, if single.301 is not configured
- 4.6.1 Feature
- \* #51494: Index-Browser: make SQL command LATIN1 configurable
- Bugfixing
- \* #47602: BrowserMaps: No icons without categories
- 4.6.0 Improvement
- \* #i0028: Update the manual
- 4.5.15 Improvement

- \* #i0027: Renaming Constant Marker
  - \* map.enabled -> map.controlling.enabled
  - \* map.provider -> map.controlling.provider
  - \* map.openLayers.css -> map.design.css
  - \* map.height -> map.design.height
  - \* map.openLayers.imgPath -> map.design.imgPath
  - \* map.path.categoryIcon -> map.design.path.categoryIcon
  - \* map.width -> map.design.width
  - \* map.controls.debugging -> map.openlayers.controls.debugging
  - \* map.controls.default -> map.openlayers.controls.default
  - \* map.modules.debugging -> map.openlayers.modules.debugging
  - \* map.modules.default -> map.openlayers.modules.default
  - \* map.modules.routes.debugging -> map.openlayers.modules.routes.debugging
  - \* map.modules.routes.default -> map.openlayers.modules.routes.default
  - \* map.popup.behaviour -> map.openlayers.popup.behaviour
- \* #51477: BrowserMaps: mobile navigation
  - displayList.master\_templates.map.descriptionWiLinkToSingle.30 moved from TEXT to COA

#### 4.5.14

- Improvements
  - \* #i0026: Replace 3.x-method global\_stdWrap with 4.x-method cObjGetSingle
  - \* #i0025: Flash Messages GPX-Data Upload

#### 4.5.13

- Features
  - \* #51477: BrowserMaps: mobile navigation
  - \* #51478: BrowserMaps: automatic rendering of latitude and longitude
- Bugfix
  - \* #51464: Whitespace in PHP file breaks XML (RSS) output

#### 4.5.12

- Improvements
  - \* #i0024: alias for showUid is controlled by the Constant Editor
    - NEW constant: plugin.tx\_browser\_pi1.navigation.showUid
    - Replaced Constant: plugin.tx\_browser\_pi1.recordBrowser.uidName > plugin.tx\_browser\_pi1.navigation.showUid

#### 4.5.11

- Improvements
  - \* #i0023: Flexform: All fields: excluded is set from 1 to 0
  - \* #i0022: BrowserMaps: oxMap.Render\_1.3.07.js is added
  - \* #i0021: BrowserMaps: CSS .tx-browser-pi1 .mapview-content: padding: 1em; moves to padding: 1em 0;
  - \* #i0020: BrowserMaps: route row to cObj
  - \* #i0019: BrowserMaps: cat devider
  - \* #i0017: BrowserMaps: Constant Editor
    - plugin.tx\_browser\_pi1.map.marker.position.\* moves to plugin.tx\_browser\_pi1.map.icon.listNum.\*
- Bugfix
  - \* #50222: Record Browser is broken
    - \* CSS: #record-browser is moved to .indexBrowser
    - \* HTML: id of ul contains uid of the current plugin
    - \* tx\_browser\_pi1-0.0.5.js is moved to tx\_browser\_pi1-0.0.6.js
  - \* #50214: Fix core error prompts
  - \* #50195: mysql\_real\_escape\_string: Bug in case of no MySQL connection
  - \* #i0022: jQuery UI labels in the flexform
  - \* #i0018: htmlentities in BrowserMaps popup

#### 4.5.10

- Feature
  - \* #50069: Placement controlling of JSS scripts

#### 4.5.9

- Bugfix
  - \* #49495: Unporoper methods for TYPO3 >= 6.x

#### 4.5.8

- SECURITY FIX!
  - \* #i0017: if showUid has an alias it will removed from piVars too, if there is a security risk.
- Improvements
  - \* #i0014: DRS: Warning in case of several plugins
  - \* #i0013: Different controlling of the URL for a marker or for a path
    - mapLinkToSingle
  - \* #i0010: oxMap Route Categories
    - 1.3.05 -> 1.3.06
- Bugfix

- \* #i0016: andWhere isn't a COA
- \* #i0015: oxMap Route Marker  
1.3.06 ->1.3.07
- \* #49495: Unporper methods for TYPO3 >= 6.x
- \* #i0012: DRS prompt, if Map +Routes is enabled by Constant Editor but a Browser plugin doesn't have a proper SQL query
- \* #i0011: Error prompt, if TypoScript is missing

#### 4.5.7

- SECURITY FIX!
- \* #48859: Security fix
- Feature
- \* #47631: Route Interface oxMap  
Marker  
\* ###JSONDATA### -> ###RAWDATA###
  - \* #47630: Backend Routes
  - \* #47628: BrowserMaps Route Integration: Integration GeoJSON
  - \* #46062: BrowserMaps: Localisation of the form labels
  - \* #33336: Export: filter are respected
  - \* #i0007: TypoScript version
- Bugfix
- \* #i0009: Bugfix oxMap Route Categories  
1.3.04 ->1.3.05
  - \* #i0008: 3x->get\_queryArray .-> 3x->get\_query\_array

#### 4.5.6

- Feature
- \* #47823: Extend cObj->data +++ second step
  - \* #47632: oxMap 1.3 for Routes
    - \* Properties
      - \* Constant Editor
        - \* plugin.tx\_browser\_pi1.map.field.\* -> plugin.tx\_browser\_pi1.map.marker.field.\*
      - \* Setup
        - \* plugin.tx\_browser\_pi1.navigation.map.configuration.categories.fields.category -> plugin.tx\_browser\_pi1.navigation.map.configuration.categories.fields.category
  - \* #43397: filter CSV export
- Bugfix
- \* #48613: Unproper URL for icons in Backend-Module
  - \* #47700: SQL functions 3.x: orderBy evaluation is unproper in case of aliases
  - \* #47680: Engine 4.x query building: doesn't respect SQL manual mode  
class.tx\_browser\_pi1\_sql\_manual\_3x.php -> class.tx\_browser\_pi1\_sql\_manual.php
  - \* #47679: tmpRowIsExtraUidField( ) is unporper in SQL manual mode
  - \* #47678: Localisation mode isn't set in manual SQL mode
  - \* #47089: Filter can cause an unproper value in \$arrConsolidate['addedTableFields']

#### 4.5.5

- Bugfixes
- \* #i0006: \* array\_multisort() : invalid arguments passed in line 989  
\* array\_diff() : invalid arguments passed in line 192

#### 4.5.4

Update Sponsors

#### 4.5.3

- Improvement
- \* #i0005: Updating the manual from 4.4.3 to 4.5.3  
Publishing 4.5.3 in the TER

#### 4.5.2

- Bugfix
- \* #46776: Handle periods over days: With and without Browser +Calendar

#### 4.5.1

- Bugfix
- \* #i0004:
    - \* implode( ): invalid arguments passed in line 592
    - \* end( ): expects parameter 1 to be array line 576
    - \* array\_flip( ) expects parameter 1 to be array line 572
    - \* in\_array( ) expects parameter 2 to be array, null given in line 863

#### 4.5.0

- Feature
- \* #45846: Controlling JSS alerts
  - \* #43108: TYPO3 6.0 compatibility
    - \* t3lib\_div::intInRange -> t3lib\_utility\_Math::forceIntegerInRange()
    - \* t3lib\_div::int\_from\_ver -> t3lib\_utility\_VersionNumber::convertVersionNumberToInteger()
    - \* t3lib\_div::cHashParams -> t3lib\_cacheHash

- 4.4.8 Improvement
  - \* #i0003: Optimise query string for DRS. Replace ',' with ', '
- 4.4.7 Feature
  - \* #45422: Calendar: Handle periods over days
- 4.4.6 Improvement
  - \* #42788: BrowserMaps will extended for Google Maps
    - \* param mapZoomWheel is moved to zoomWheelEnable
    - \* mapMarker and MarkerInfo removed
    - \* New Api
- 4.4.5 Feature
  - \* #i0002: class.tx\_browser\_cssstyledcontent.php is integrated in the DRS
 Improvement
  - \* #i0001: Optimise cObjObjGetSingle
  - \* #44858: Extend cObj->data +++ first step
- 4.4.4 Improvement
  - \* #00000: BrowserMaps Constant Editor
  - Debug mode for modules
 Feature
  - \* #44858: Extend cObj->data +++ first step
 Bugfix
  - \* #44849: BrowserMaps: dummy category in single-view
    - \* dummy got a LL-value
    - \* dummy is displayed only if there isn't any category
- 4.4.3 Improvement
  - \* #44619: BrowserMaps: cHash in links to the single view
  - mapLinkToSingle: useCacheHash
 Bugfix
  - \* #44621: Filter and localisation: localisation is ignored in some cases
- 4.4.2 Bugfix
  - \* #44584: Download: broken images and archives
- 4.4.1 Improvement
  - \* #00000: Tree view can enabled and disabled by the constant editor
- 4.4.0 New Features
  - \* #42788: BrowserMaps will extended for Google Maps
  - \* Moved files
    - \* default\_0.0.9.tmpl -> default\_1.1.01.tmpl
    - \* OpenLayers\_2.10.0 -> OpenLayers\_2.12
    - \* oxMapConfig\_0.0.10.js -> oxMapConfig\_1.1.01.js
    - \* oxRenderMap\_0.0.10.js -> oxRenderMap\_1.1.02.js
    - \* ID of filter is moved from filter to oxMapFilter
  - \* TypoScript constants are moved from ... to ...
    - \* zoomLevel.fixed -> zoomLevel.start
    - \* TypoScript properties are moved from ... to ...
    - \* MapControls -> oxMapConfigMapControls
    - \* MapMarker -> oxMapConfigMapMarker
    - \* MapMarkerInfo -> oxMapConfigMapMarkerInfo
    - \* MapMarkerEvent -> oxMapConfigMapMarkerEvent
    - \* MapZoomLevels -> oxMapConfigNumZoomLevels
    - \* MapZoomWheel -> oxMapConfigMapZoomWheel
    - \* OSMConfigCenter -> oxMapConfigCenter
    - \* OSMConfigZoom -> oxMapConfigStartLevel
 Improvements
  - \* #44318: Workaround bug t3lib\_BEfunc::implodeTSParams
  - \* #44316: Improve performance: substitute\_marker\_rekurs( ) is deprecated.  
Substitute it with substitute\_tablefield\_marker( )
  - \* #44306: Improve jquery loading
  - \* #44299: t3jquery: respect dontIntegrateOnUID
  - \* #44300: Update jQuery 1.6.2 -> 1.8.3
 Bugfix
  - \* #44313: GPvar is not interpreted in some case: Case is org\_npzch  
Cause: GPvar is deprecated. Use GP instead

- \* #44296: Rotation of modes: \$(...).effect is not a function
- \* #44295: Rotation of modes: Content is empty!

#### 4.3.1

##### New Features

- \* #44131: Additional HTML templates main and margin

##### Bugfixes

- \* #44125: SQL statements: brackets without slash

Thanks to tomcat (Kuschmann) for reporting the fix on typo3-browser-forum.de

#### 4.3.0

##### New Features

- \* #43854: Workaround: don't use relation twice
- \* #43808: Reintegration of groupby feature from 3.x to 4.x
- \* #43780: New manual: Browser out of the box

See extension browser\_manual\_ootb\_en

- \* #43746: Preconfigures view
- \* #43741: Centralised jQuery UI configuration
- \* #43732: Integration of index browser in jQuery UI themes
- \* #43627: TypoScript snippets for HTML templates
- \* #33841: AJAX: optimised JSS code for transparency in IE 8

##### Improvement

- \* #43737: Remove button method

tx\_browser\_pi1\_cleanup\_4.1.21.js -> tx\_browser\_pi1\_cleanup\_4.2.0.js

tx\_browser\_pi1-0.0.4.js -> tx\_browser\_pi1-0.0.5.js

##### Bugfix

- \* #43889: consolidation module: foreign table is missing, if andWhere contains table.uid
- \* #43852: CSV-Export: Is ignored, if you are using several plugins  
Workaround documented. See  
\* [http://typo3.org/extensions/repository/view/browser\\_tut\\_rss\\_en/](http://typo3.org/extensions/repository/view/browser_tut_rss_en/)  
\* [http://typo3.org/extensions/repository/view/browser\\_tut\\_severalplugins\\_en/](http://typo3.org/extensions/repository/view/browser_tut_severalplugins_en/)
- \* #43803: Category menu: li-tags are missing
- \* #43778: Filter aren't handled proper in some cases
- \* #43692: jQuery isn't loaded in some cases of a treeview
- \* #41004: SQL table join: NULL safe comparsion  
Thanks to Christian Weiske for the bug report

#### 4.1.26

##### Improvements

- \* #00000: tx\_browser\_pi1-0.0.3 -> tx\_browser\_pi1-0.0.4
- \* #00000: Qualified prompt in tx\_browser\_pi1\_localisation::zz\_promptLLdie()
- \* #00000: category\_menu.treeview.enabled.value = 0

##### Bugfixes

- \* #43685: Treeview and localisation: language prefixes are ignored
- \* #43558: navigation.indexBrowser.defaultTabWrap isn't handled since 4.0
- \* #43530: BUG at tx\_browser\_pi1\_backend::evaluate\_pluginInitRecordBrowser
- \* #42738: CSV-Export: Supbart isn't processed
- \* #42736: "Is not an array" in cal, map,  
Missing parameters in tmplRowFieldOfSingleViewIsEmpty( )  
Thanks to Thomas.Scholze@HS-Lausitz.de for bug report and a patch
- \* #42302: Invalid database result resource detected

#### 4.1.25

##### New Features

- \* #42125: OpenStreetMap: offset for categories
- \* #42124: OpenStreetMap: improve performance  
oxMapConfig\_0.0.9.js -> oxMapConfig\_0.0.10.js  
oxRenderMap\_0.0.9.js -> oxRenderMap\_0.0.11.js

##### Bugfixing

- \* #42566: BrowserMaps: remove the cat divider from categories
- \* #42565: Unproper result, if first children is 0, empty or null

#### 4.1.24

##### Update

- \* #00000: \* pi3/locallang.xml

#### 4.1.23

##### New Features

- \* #42173: OpenStreetMap: configurable zoomWheel

Effected files:

- \* static
- \* constants.txt
- \* setup.txt

- \* #42172: OpenStreetMap: configurable event mode

Effected files: see #42173

- \* #42126: OpenStreetMap: individual design of control panel

Effected files: see #42173

#### 4.1.22 Bugfixing

- \* #42127: OpenStreetMap: filter aren't proper in Internet Explorer 8

oxMapConfig\_0.0.2.js -> oxMapConfig\_0.0.9.js

oxRenderMap\_0.0.2.js -> oxRenderMap\_0.0.9.js

Effected files:

- \* pi1/class.tx\_browser\_pi1\_map.php

- \* res/html/map/default\_0.0.9.tmpl

- \* static

- \* setup.txt

- \* downgrade/3.9.0/setup.txt

- \* t3jquery.txt

- \* #42128: OpenStreetMap: filter aren't proper while using the zoom

Effected files: see #42127

- \* #42129: OpenStreetMap: tooltips aren't proper

Effected files: see #42127

- \* #41570: jquery.t3browser-0.0.2.js -> jquery.t3browser-0.0.3.js

marginBottomPx: width -> height

Effected files:

- \* res/js/jquery/plugins/jquery.t3browser/jquery.t3browser-0.0.3.js

- \* static

- \* setup.txt

- \* downgrade/3.9.0/setup.txt

- \* t3jquery.txt

- \* #00000: inc3ludeLibs -> includeLibs

Effected files:

- \* static/setup.txt

#### 4.1.21 New Feature

- \* #41753: Treeview as checkbox

- \* #41753.01: New COA TREEVIEW

Effected files

- \* pi1

- \* class.tx\_browser\_pi1\_filter\_4x.php

- \* class.tx\_browser\_pi1\_javascript.php

- \* res/js/jquery

- \* tx\_browser\_pi1\_cleanup\_x.x.x.js

- \* tx\_browser\_pi1\_jstree\_x.x.x.js

- \* static

- \* constants.txt

- \* setup.txt

Improvement

- \* #41754: Filter: optimise performance

CHECKBOX is enabled for treeviews

- \* #41754.01: \$arr\_andWhereFilter isn't never allocated

- \* #41754.02: init\_aFilterIsSelected (boolean) is moved to get\_selectedFilters (array)

- \* #41754.03: SQL optimisation: new method sql\_resAllItemsFilterWoRelation( )

- \* #41754.04: Improve performance reports

Effected files

- \* pi1

- \* class.tx\_browser\_pi1\_template.php

- \* class.tx\_browser\_pi1\_wrapper.php

BE AWARE: It isn't tested in localised context

- \* #41776: Make filter 4.x independent of filter 3.x

Effected files:

- \* pi1

- \* class.tx\_browser\_pi1\_cal.php

- \* class.tx\_browser\_pi1\_filter\_4x.php

- \* class.tx\_browser\_pi1\_filter\_4x.php

- \* class.tx\_browser\_pi1\_template.php

Bugfix

- \* #41814: Filter: local table isn't proper, if hits aren't displayed

- \* #41811: Filter areas: last item doesn't count hits

- 4.1.20 Improvement
  - \* #00000: oxRenderMap 0.0.9
- 4.1.19 Development
  - \* #00000: Treeview Checkboxes
- 4.1.18 Improvement
  - \* #00000: t3jquery.txt for supporting the configuration of t3jquery
  - \* #00000: jsTree: non used files and folders are removed
  - jsTree TypoScript Constant Editor: dots and icons
  - \* #00000: jQuery 1.8.x is checked with success
  - \* #00000: res/js/jquery
    - tx\_browser\_pi1\_jstree-3.9.21.js is moved to tx\_browser\_pi1\_jstree-4.1.18.js
  - Bugfix
    - \* #00000: res/js/tx\_browser\_pi1\_ajax-0.0.4.js
- 4.1.17 Bugfix
  - \* #00000: oxRenderMap 0.0.7
- 4.1.16 Bugfix
  - \* #00000: Filter areas: If any filter is matched in localised context, alls records were displayed
  - \* #00000: Filter weren't displayed in case of any record doesn't matched
- 4.1.15 Improvement
  - \* #41372: Filter areas: strings aren't supported proper
- 4.1.14 Improvement
  - \* #00000: oxRenderMap 0.0.6
- 4.1.13 New Features
  - \* #41057: Open Street Map with custom image layer;
    - Effected files:
      - \* pi1
        - \* class.tx\_browser\_pi1\_map.php
      - \* static
        - \* constants.txt
        - \* setup.txt
  - \* #41129: Registers for rows and columns, first, last, even and odd
    - \* browser\_numColumn
    - \* browser\_numColumnFirst
    - \* browser\_numColumnLast
    - \* browser\_numColumnOdd
    - \* browser\_numRow
    - \* browser\_numRowFirst
    - \* browser\_numRowLast
    - \* browser\_numRowOdd
  - Effected files:
    - \* pi1/class.tx\_browser\_pi1\_template.php
  - Improvement
    - \* #00000: Update OpenLayers from 1.x to 2.10
    - Effected files:
      - \* static/setup.txt
      - \* static/downgrade/3.9.0/setup.txt
    - Bugfix
      - \* #41051: UPPER causes bugs in some SQL engines. Solution UPPER -> upper
      - \* #00000: Invalid argument supplied for foreach() in
        - \* lib
          - \* class.tx\_browser\_cssstyledcontent.php line 904
        - \* pi1
          - \* class.tx\_browser\_pi1\_cal.php line 2419
          - \* class.tx\_browser\_pi1\_filter\_3x.php line 454
          - \* class.tx\_browser\_pi1\_filter\_3x.php line 1105
          - \* class.tx\_browser\_pi1\_filter\_4x.php line 4948
          - \* class.tx\_browser\_pi1\_localisation\_3x.php line 863
          - \* class.tx\_browser\_pi1\_sql\_auto.php line 2747
          - \* class.tx\_browser\_pi1\_sql\_auto.php line 2748
- 4.1.12 Bugfix
  - \* #11401: Filter: ###UID### replacement depends on localtable or foreigntable



#### 4.1.11 New Feature

- \* #40959: Multiple plugins: Flexform [General] got the new property:  
Views: If plugin is included by a foreign page, ...  
If "add tx\_browser\_pi1[plugin]", the plugin will ignore piVars of other plugins of the current page.  
Effected files:
  - \* pi1
  - \* class.tx\_browser\_pi1\_flexform
  - \* flexform\_sheet\_sDEF.xml
  - \* locallang\_flexform.xml

#### 4.1.10 New Feature

- \* #00000: Register [General] of the plugin / flexform got the field "my comment"  
Bugfix
- \* #40958: Multiple plugins: if you are using multiple plugins but any filter, piVars are missing in the URL.
- \* #40960: Multiple Plugins: Record Browser doesn't use piVars[plugin] in links to the single view  
Effected files:
  - \* pi1/class.tx\_browser\_pi1\_navi\_recordbrowser.php
  - \* static/setup.txt
- \* #00000: \* SearchForm: remove hidden field for plugin  
Effected files:
  - \* res/sample/tt\_news/default.tmpl

#### 4.1.9 Bugfixes

- \* #40937: Empty list at start without any effect

#### 4.1.8 New Feature

- \* #40495: Record browser links back to the list view depending on the last configuration  
Thanks to <http://freemedia.ch> for sponsorship  
Effected files:
  - \* pi1/class.tx\_browser\_pi1\_navi\_recordbrowser.php
  - \* pi1/class.tx\_browser\_pi1\_session.php
  - \* static/setup.txt

#### 4.1.7 New Feature

- \* #41055: Enable OSM (map) to process category icons delivered by the database  
Effected files:
  - \* pi1/class.tx\_browser\_pi1\_map.php
  - \* static/constants.txt
  - \* static/setup.txt
- Improvements
- \* #00000: Plugin check: record storage page and access to root level records  
Bugfixes
- \* #00000: Plugin check: Fatal error, if plugin wasn't never saved
- \* #40354: Checkbox without input-tag  
Effected file: static/setup.txt
- \* #40354: Checkbox and radiobuttons
  - \* items without proper line breaks
  - \* items without a name
  - \* items without hits
- Effected files:
  - \* pi1/class.tx\_browser\_pi1\_filter\_4x.php
  - \* static/setup.txt

#### 4.1.6 Update

- \* #00000: Sponsors
  - \* Drei Gorillas
  - \* r-system

#### 4.1.5 Improvements

- \* #00000: static/setup.txt
- Bugfix
- \* #00000: static/setup.txt

#### 4.1.4 New Feature

- \* #00000: Filter for map  
Effected files:
  - \* pi1/class.tx\_browser\_pi1\_map.php
  - \* static/constants.txt
  - \* static/setup.txt



#### Bugfix

\* #00000: Array error in lib/class.tx\_browser\_befilter\_hooks.php::getDBlistQuery

4.1.3

#### Improvement

\* #00000: Code is cleaned up in class.tx\_browser\_pi1\_views.php

\* #38612: Record browser is able to overwrite sys\_language\_overlay temporarily (freemedia case)

Effected file: static/setup.txt

4.1.2

#### Improvement

\* #00000: Record browser got an own class. See class.tx\_browser\_navi\_recordbrowser.php

\* #38612: Record browser respects all items of the listview and not only the displayed one

\* #00000: Session management of the record browser differs languages

\* #00000: navi class moved to navi\_3x class

#### Bugfix

\* #38611: Pagebrowser is confused in localisation mode

4.1.1

#### Improvement

\* #00000: Extension Manager. Effected file: ext\_conf\_template.txt

4.1.0

#### New Feature

\* #32654: OpenStreetMap

4.0.0

#### Publishing

\* #00000: Release 4.0.0

All change logs from 1.0.2 to 3.9.9 see file ChangeLog.

1.0.1

#### Major Version Release

New Tools like SQL Autorelation Building and Field Autowrapping Renaming

- Browser (extkey: browser)

- Former: Frontend Database Browser (extkey: fe\_db\_browser)

All change logs from 0.0.2 to 0.9.9 see file ChangeLog.

0.0.1

#### Initial release

Frontend Database Browser (extkey: fe\_db\_browser)

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