

Job Market

Job market is a catalogue with job offers. It has list and single views optimised for jobs. Views, the a-z-browser, the page-browser, the search, social bookmarks and a lot of other stuff can be configured by the Browser plugin with the mouse. Search engine optimisation (SEO) and localisation is supported.

Job Market hasn't any PHP code. It is based on the TYPO3-Frontend-Engine Browser. Job Market should be easy to adapt to the own needs.



Version: 1.1.1, 2010-10-18

Extension Key: job_market - Tutorial for the extension Browser (extkey: browser)

**You need the Browser in Version 3.5.
We scheduled the publishing of this version to 1st of November 2010.**

Language: en

Keywords: forAdmins, forDevelopers, forBeginners, forAdvanced, job market, jobs

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The content of this document is related to TYPO3

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

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Screen Shots

List and Single View



Illustration 1: Job Market in the list view

http://job_market.typo3-browser-forum.de/



Illustration 2: Job Market in the single view

http://job_market.typo3-browser-forum.de/

RSS Feed




Illustration 3: Job Market as RSS-Feed

http://job_market.typo3-browser-forum.de/rss/

The Browser Plugin

General
Plugin
Access

Plugin:
 Browser

Plugin Options:

General
Lists
Templating
Marker & RealUrl
Social Media
TCA

Check List

Tutorial
☐ Social media: http://typo3.org/extensions/repository/view/browser_tut_socialmedia_en/current/

Social Bookmarks
enabled (I'm using my own HTML template)

Bookmarks in list views: table.field for the title property of the bookmark (example: tt_news.title):
tx_quickshop_products.title

Bookmarks in list views

Selected:
Items:

Facebook
hype it!
Twitter

Add This
Ask.com
Backflip

Bookmarks in single views

Selected:
Items:

Facebook
google.com
hype it!
live.com
Mister Wong
Technorati
Twitter

Add This
Ask.com
Backflip
BlinkBits
blinklist
BlogMarks
Bluedot

Illustration 4: The Browser plugin - here the tab [Social Media]

Introduction

What does it do?

- Job Market (extkey: job_market) offers jobs
- Job Market has a lot of features like
 - a search form
 - filters
 - a A-Z-Browser
 - a page browser
 - search engine optimisation (SEO)
 - localisation
 - a RSS feed
- Job Market has a template out of the box. See Job Market Template (base_jobmarket).
- Job Market is based on the TYPO3-Frontend-Engine Browser. This has a lot of advantages like:
 - Database and work flow are separated. Job Market hasn't any own PHP code.
 - Job Market should be easy to extend with new database fields. Developers have only to maintain TypoScript.
 - Job Market is stable
- It's easy to integrate Job Market into the Facebook API and to offer Jobs on facebook.com.

Demo Website

Online demo: http://job_market.typo3-browser-forum.de

What does is not do?

- Job Market doesn't enable frontend users, to offer jobs. If visitors should announce jobs, please check the TYPO3 extension JobControl.
- Job Market doesn't provide any form for contact. Feel free to extend Job Market with this feature. Please send us a mail.

What do you need?

If you want to adapt the extension, you need experience in TypoScript. You should know the TCA – the TYPO3 Configuration Array.

Audience

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

Non possible features

- Job Market doesn't support versioning.
- Job Market doesn't support different workspaces.

Quick Installation

- Install the extensions browser (browser) and Job Market (job_market)
- If you like to use the Job Market Template for your website, install Job Market Template (base_jobmarket)
- Add the pages "Job Market" and the sysfolder "Job Market - Jobs"
- Add to the sysfolder "Job Market - Jobs" some jobs
- Add to the page "Job Market"
 - a template
 - Include the "browser" template
 - Include the "Job Market" template
 - the plugin "browser"
 - Link the starting point to the folder with the jobs

Installation

Extension Manager

Open the extension manager, download the extensions below.

Obligatory

- Job Market (job_market)
- Browser – the TYPO3-Frontend-Engine (browser)

Optional

If you want to use the Job Market Template please install

- Template Auto-parser (automakemtemplate)
- Job Market Template (base_jobmarket)

If you like search engine optimisation (SEO) please install

- RealURL: speaking paths for TYPO3 (realurl)

If you like to use galleries please install

- jQuery FancyBox (jq_fancybox)

You can use every other gallery software too, but you have to adapt the TypoScript for images.

The List

The list of your extensions in the extension manager should look like in the illustration below, if you have installed all.

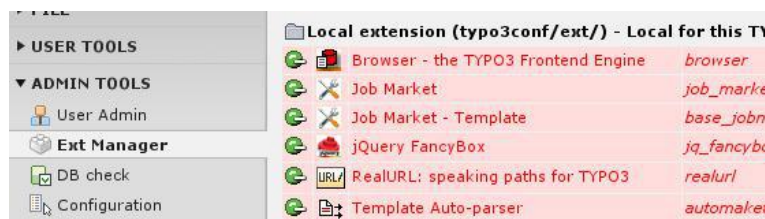


Illustration 5: Installed extensions

Page Tree

Create a page tree like the example below:

- Job Market
 - Job Market - Jobs [sysfolder]

Insert some Jobs

Insert into the sysfolder "Job Market - Jobs" some jobs.

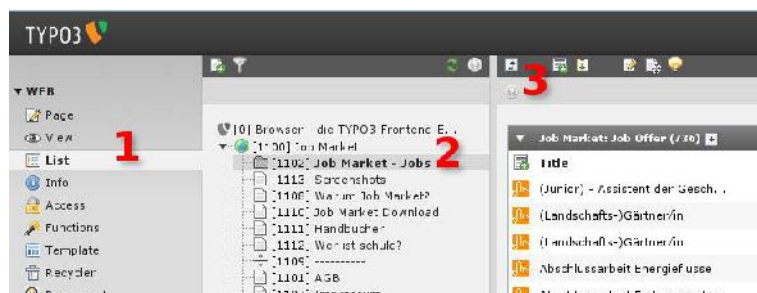


Illustration 6: Page tree and some job records

1. Moudl: Web > List
2. Page tree: Job Market - Jobs [sysfolder]
3. Edit area: Click the Icon "Add Records" on top of the edit area

Configure Page "Job Market"

Add to the page "Job Market"

- a Template
- the "Browser" plugin

Template

Call your template in the format type-pageTitle-templateUid like +page_jobmarket_131

- Register [General], Field "Template Title:": +page_shop_131

Include static templates from extensions.

- Register [Includes] -> Include static (from extensions): -> Selected:
 - Browser (browser)
 - Browser for Job Market (job_market)

Plugin

Link the starting point to the sysfolder "Job Market - Jobs".

Result in the frontend

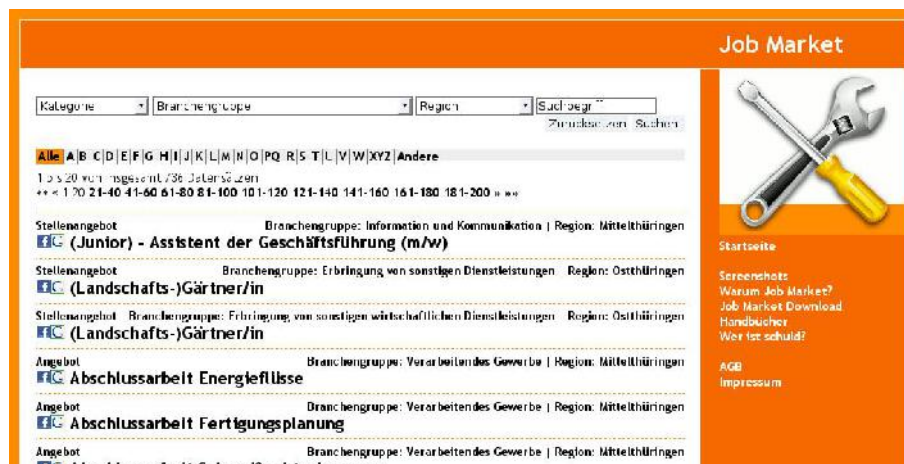


Illustration 7: Result in the frontend

This is the result in the frontend. The single view is available too.

The design depends on your HTML template and on your CSS.

RSS Feed

Quick Installation

- Create a page "rss"
- Add the plugin "Browser" and configure it to your needs.
- Include the static template of Job Market.
- Adapt the TypoScript of Job Market to your needs.
- Remove the current page object and replace it with the rss object of Job Market.

Installation

Create the page "rss"

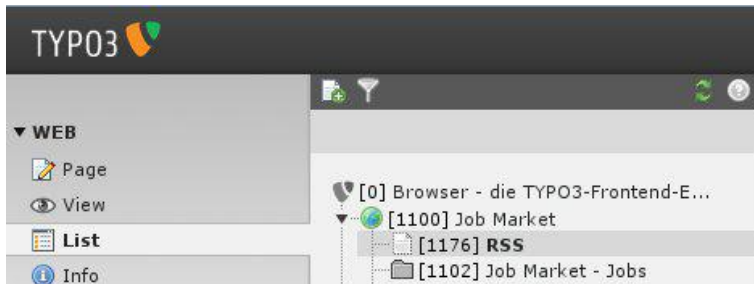


Illustration 8: Job Market with the page "rss"

Create a page "rss" like in the illustration below.

Plugin Browser

If you have a configured plugin with a list view of Job Market, please copy this plugin to the page "rss".

If you don't have this plugin, please create a new plugin Browser on the page "rss".

Call the plugin "[RSS]" and hide the header.

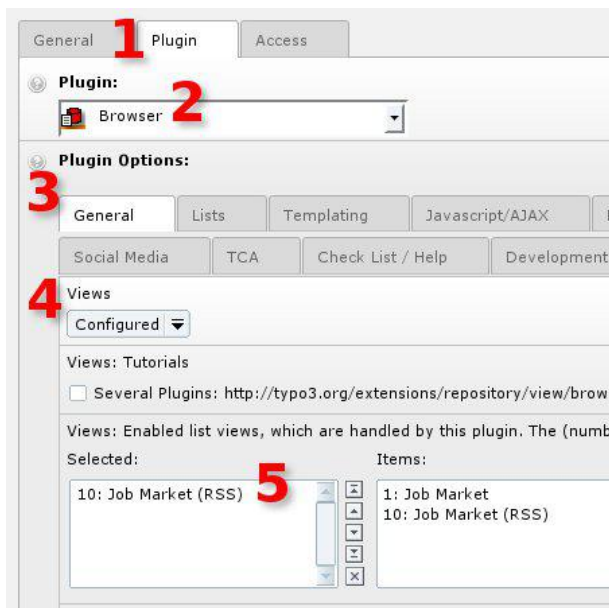


Illustration 9: Browser plugin with the tab [General]

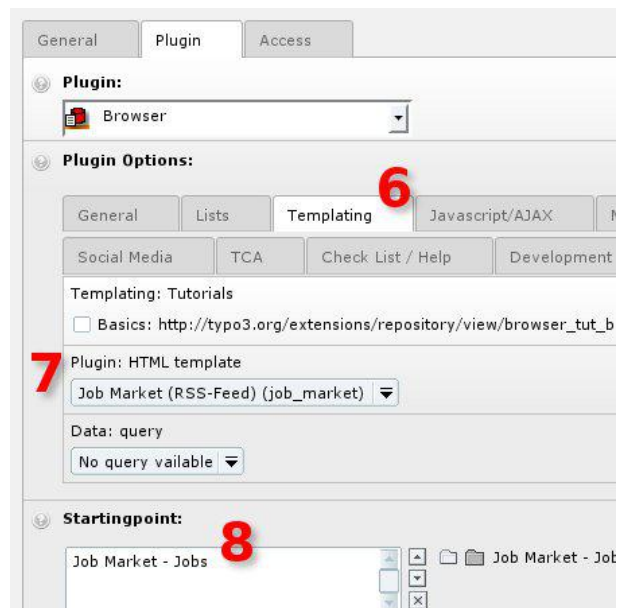


Illustration 10: Browser plugin with the tab [Templating]

1. Tab [Plugin]
2. Plugin [Browser]
3. Tab [General]
4. Views [Configured]
5. Views selected [10: Job Market (RSS)]
6. Tab [Templating]
7. Plugin: HTML Template [Job Market (RSS-Feed) (job_market)]
8. Startingpoint: [The folder with your job records]

TypoScript

TypoScript Constant Editor

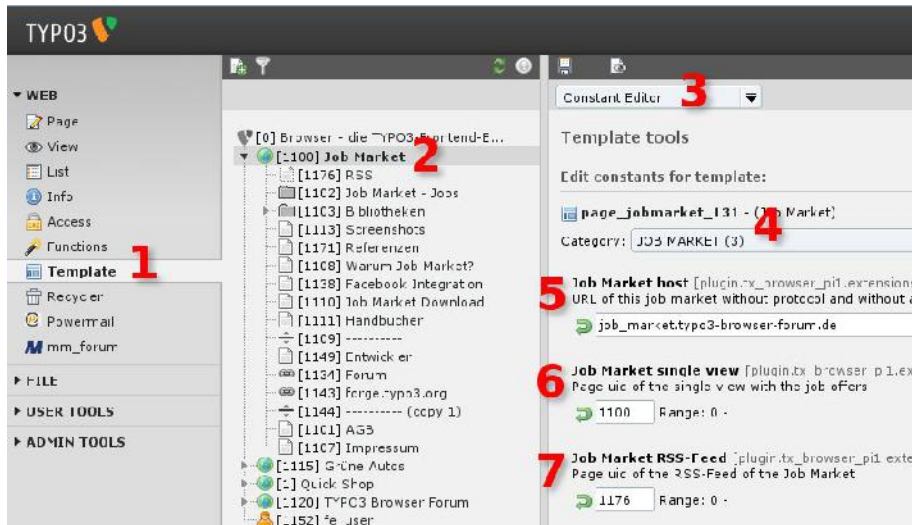


Illustration 11: TypoScript Constant Editor

Please adapt some values to your needs:

1. Web > Template
2. Page tree: Root page! Here: Job Market
3. Edit area: [Constant Editor]
4. Category [JOB MARKET]
5. Job Market Host: Your host without any protocol and without any slash.
Examples:
www.my_host.net
job_market.typo3-browser_forum.de
6. Job Market single view: The uid of the page with the single view of your job offers.
7. Job Market RSS-Feed: The uid of the page with your RSS-Feed (the current page)

Extension Template

Add an extension template to the page "rss". It is called +page_rss_138 in our example. See (3) in the illustration below.



Illustration 12: Page "rss" (1) with the Browser plugin (2) and the extension template (3)

TypoScript Object Browser

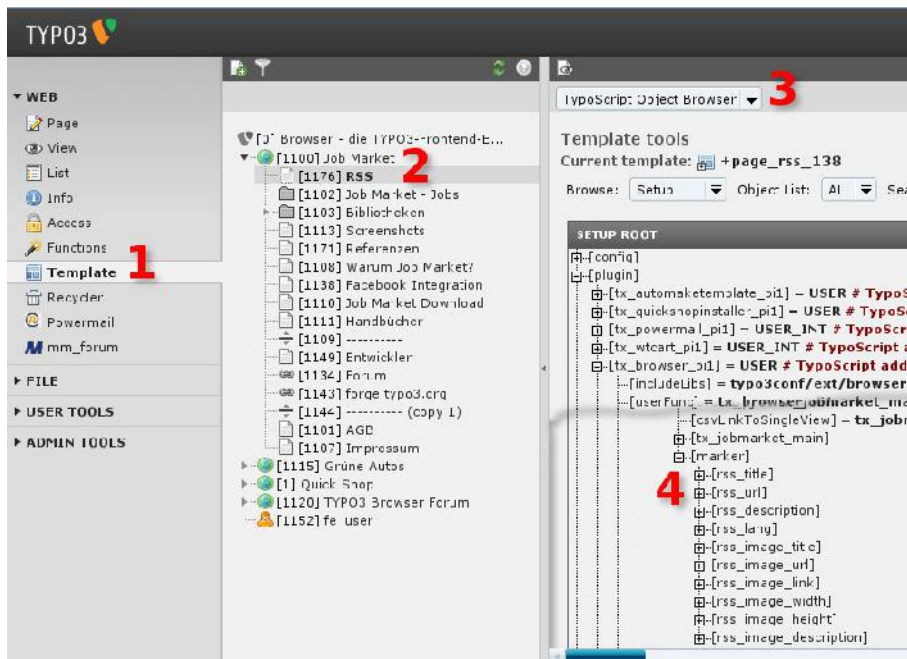


Illustration 13: TypoScript Object Browser

Adapt the values in the RSS header like title and image to your needs.

1. Web > Template
2. Page tree: page "rss"
3. Edit area: [TypoScript Object Browser]
4. Open the elements of the marker array and adapt the values to your needs. See plugin.tx_browser_pi1.views.list.10.marker

Page Object for a RSS Feed

Now you have to configure your page object. You can't take the default page object, because it delivers some stuff, which isn't compatible with XML like the TYPO3 comment in the HTML head section.

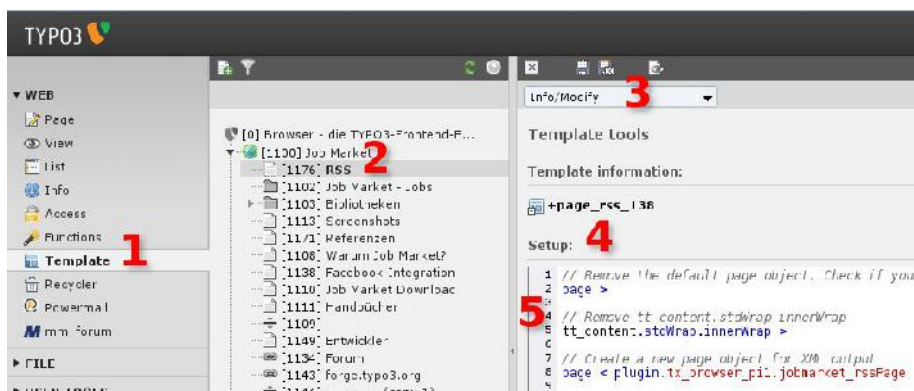


Illustration 14: TypoScript Setup

1. Web > Template
2. Page tree: page "rss"
3. Edit area: [Info/Modify]
4. [Setup]
5. Copy the code from below into the setup field.

Code Snippet

You find the code snippet at res/typoscript/page_rss.txt

```
// Remove the default page object. Check if your page object is called "page"!
page >

// Remove tt_content.stdWrap.innerWrap
tt_content.stdWrap.innerWrap >

// Create a new page object for XML output
page < plugin.tx_browser_pil.jobmarket_rssPage
```

Result in the Frontend

Visit your RSS feed in the frontend. The result should look like in the illustration below.



Illustration 15: Job Market as RSS-Feed

Indicate your RSS Feed on the Root Page

You can indicate your RSS feed on your root page and on every other page.

You have to add an alternative link to your HTML head section.

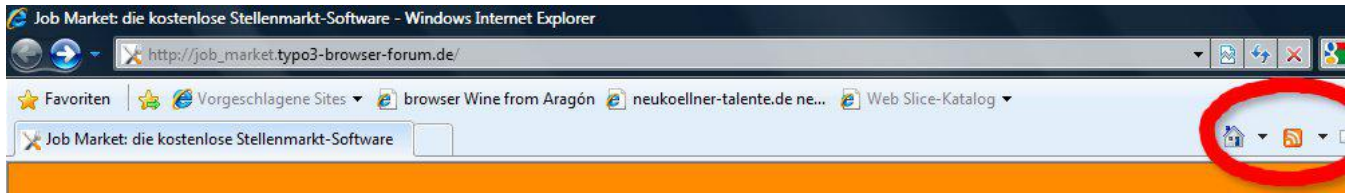


Illustration 16: RSS Icon in the Internet Explorer

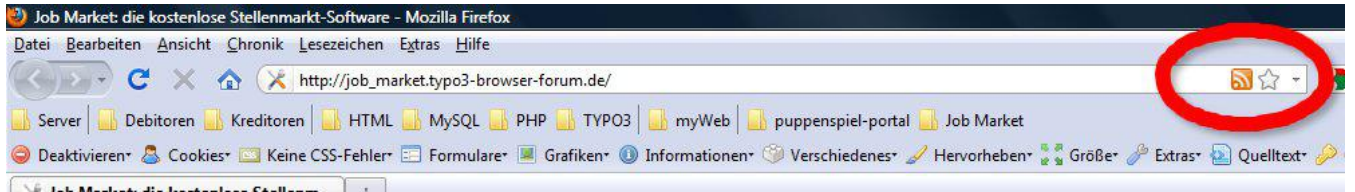


Illustration 17: RSS Icon in the Firefox



Illustration 18: RSS Icon in the Safari

If visitors of your site click on the RSS icon of the browser, they will be guided to the page with the RSS feed.

TypoScript

You have to add this snippet to the TypoScript of your root page.

You find the snippet at: res/typoscript/page_root.txt

Adapt it to your needs.

```

////////////////////////////////////
//
// RSS alternate link in the HTML head section

page {
    headerData {
        99 = COA
        99 {
            10 = TEXT
            10 {
                value = <link rel="alternate" type="application/rss+xml" title="TYP03 Job Market" href="
            }
            20 = TEXT
            20 {
                stdWrap {
                    typolink {
                        parameter = {$plugin.tx_browser_pi1.extensions.job_market.pages.rss_feed}
                        returnLast = url
                    }
                }
            }
            30 = TEXT
            30 {
                value = " />
            }
        }
    }
}

// RSS alternate link in the HTML head section

```

Integration in Facebook

It is easy to integrate the Job Market into facebook.com.

Tutorial

Job Market is based on the TYPO3-Frontend-Engine Browser. Every TYPO3-Extension can be publish on facebook with a minimum of costs, which is based on the Browser - your own database too. The Browser has a tutorial for the issue "Social Media" and especially with the Facebook Integration (21 pages, 28 illustrations). See

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

What's new

Version 1.1

RSS-Feed

1.1.1 Job Market is provided with an RSS feed

Helpful suggestions

The TYPO3-Browser-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.

Job Market on TYPO3 forge

You find scheduled new Features and Bug Reports on TYPO3 forge. See

- http://forge.typo3.org/projects/show/extension-job_market/

You are welcome to report any bug, suggestion or feature request on TYPO3 forge.



Illustration 19: The TYPO3-Frontend-Engine Browser Forum

To-Do List

Nothing to do.

Further Information

About the plugin icon














Illustration 20: The logo

The concept of the icon:

- The screwdriver and the adjustable wrench should symbolize work - precondition for a job.
- The colour of the stripe, orange, is the one of the TYPO3 colours, and the main colour of the corporate design of the Netzmacher GbR (<http://die-netzmacher.de>), which developed this extension.

Other extensions published by Die Netzmacher

-  Browser - the TYPO3-Frontend-Engine. The Browser is the fast way for your data to the TYPO3 frontend. It displays content from related tables. You need 1 line TypoScript for a result list with a search form, a record browser and an a-z browser. Images are wrapped self-acting. SEO, Search Engine Optimization, is integrated. <http://typo3.org/extensions/repository/view/browser/current/>
-  Browser for Virtual Civil Services - List views and single views for the extension Virtual Civil Services (civserv) . It supersedes smarty and enables SEO - search engine optimisation -, Real URL and the TYPO3 cache management. It is out of the box. It You can edit the views by TypoScript. You can add fields and whole views. http://typo3.org/extensions/repository/view/browser_civserv/current/
-  Green Cars (Grüne Autos) - Database optimized for ecological cars. It is a case study and demonstrates, how to get a complex database with the Browser in three hours only. http://typo3.org/extensions/repository/view/green_cars/current/
-  Juridat - Database for Juridical Data. Juridat provides a juridical data base with backend functionality. Juridat is out of the box. It is a teamwork with the Browser. <http://typo3.org/extensions/repository/view/juridat/current/>
-  logical_form: A frontend plugin for evaluating forms. I.e you can evaluate mail addresses. http://typo3.org/extensions/repository/view/logical_form/current/
-  Majordomo: For subscribing to and unsubscribing from a majordomo mailing list. <http://typo3.org/extensions/repository/view/majordomo/current/>
-  Quick Shop (extkey: quick_shop): The fastest shop in the history of TYPO3. Install it with one mouse click only! Quick Shop is based on the Browser and powermail. http://typo3.org/extensions/repository/view/quick_shop/current/
-  Manage your Postfix user accounts with TYPO3. This extension provides a database connected with fe_users and an autoresponder. You can manage the data with backend forms only. <http://typo3.org/extensions/repository/view/postfix/current/>
-  seo_dynamic_tag: Search Engine Optimisation. You can generate values dynamically with this extension especially for the <title>-tag, for the <meta>-tag description and the <meta>-tag keywords. http://typo3.org/extensions/repository/view/seo_dynamic_tag/current/
-  tt_news select configuration (extkey: ttnews_selectconf) enables to select tt_news by any SQL clause. The extension adds an andWhere clause to the SQL query of the tt_news plugin. I. e. it is possible to display tt_news items in dependence on the ownership of a fe_user. http://typo3.org/extensions/repository/view/ttnews_selectconf/current/
-  Wine Catalogue provides a data base for wine with regions, wineries, styles, variety and ageing among others. It is localized. English, German and Spanish is of the box. Wine based on the extension Browser. <http://typo3.org/extensions/repository/view/wine/current/>

Manual and Tutorial in PDF

You find this manual in PDF format at

- [doc/manual.pdf](#)
http://typo3.org/extensions/repository/view/job_market/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

Browser Manual and Browser Tutorial Basics

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

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

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

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

Credits

A part of this extension was sponsored by

- LEG Thüringen (Landesentwicklungs-Gesellschaft Thüringen)
<http://www.leg-thueringen.de/>

About the Author

Dirk Wildt



Illustration 21: The Author - a little bit blurred

Dirk Wildt (* 1963 Hamburg/Germany)
 Founder of Die Netzmacher GbR (Erfurt/Weimar)
 Founder of TYPO3 Usergroup Thuringia
 Member of TYPO3 Usergroup Leipzig
 2003: Founding think visually! It is Die Netzmacher since 2009.
 2000 - 2002: Financial Controller, G.E.B.B
 1999 - 2000: Financial Controller, G|M|Z - Tagesspiegel-Gruppe
 1997 - 1999: Spokesman, Senatsverwaltung für Finanzen, Berlin
 1989 - 1997: Editor and Financial Controller, taz, die tageszeitung
 1982 - 1989: Freelancing Press Photographer

Change Log

- 1.1.1 **New Feature**
 - RSS-Feed
- 1.0.1 **Publishing**
 - Adding a manual
- 0.0.1 **Initial release**

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