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 oher stuff can configured by the Browser plugin with the mouse. Search engine optimisation (SEO) and localisation is supported. Job Market provides AJAX and a RSS Feed.

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

Version: 1.3.0, 2010-10-30

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

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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http://typo3-job-market.de/

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http://typo3-job-market.de/

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http://typo3-job-market.de/rss-feed/

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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
  - AJAX
  - 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://typo3-job-market.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 (automaketemplate)
- 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 be 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.
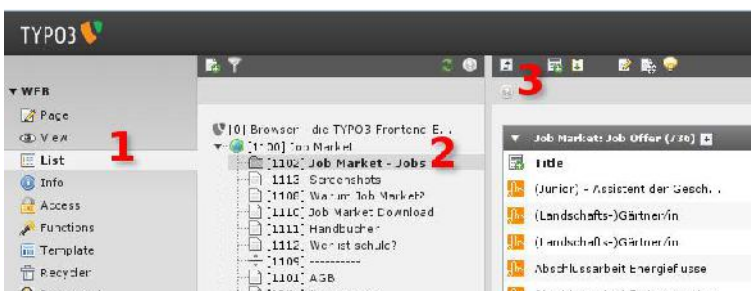

Illustration 6: Page tree and some job records

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".
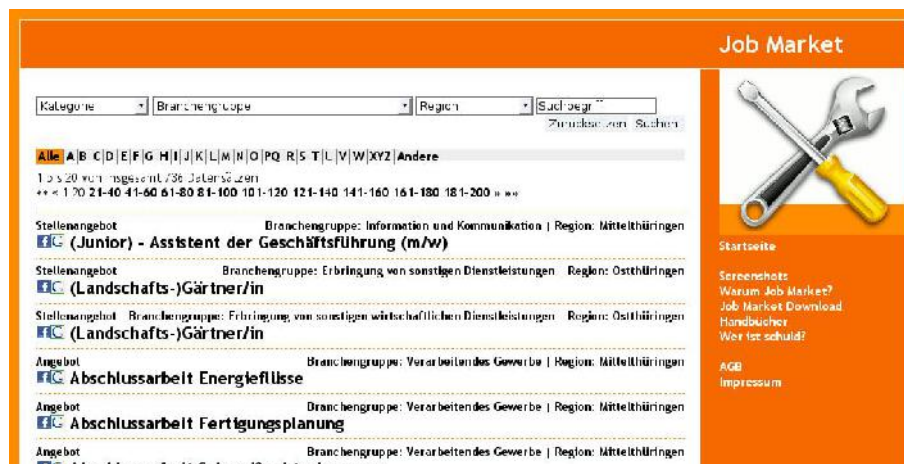
Result in the frontend

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.

AJAX

Enable AJAX with the Browser plugin.

Plugin

1. Content Element: Plugin

2. Plugin: Browser

3. Tab [Javascipt/AJAX]

4. AJAX: Enable AJAX for the list view or for the list and the single view

5. Transition of list view: Should it collapse?

6. Transition of single view: Should it collapse?

7. Single view: Should list view and single view displayed at the same time or alternatively?

AJAX Page Object

If the page is reloaded with AJAX, you don't like to have the whole HTML page. You have to add the TypoScript code snippet below into the setup of your page with the Browser plugin.

TypoScript Snippet

You find the snippet in the extension folder of the Browser at:

- res/typoscript/page_ajax.txt

Beware of the line break in line 5! After copy form one line!

```
1.   ///////////////////////////////////////
2.   //
3.   // AJAX page object
4.
5.   [globalString = GP:tx_browser_pi1|segment=single]
        || [globalString = GP:tx_browser_pi1|segment=list]
        || [globalString = GP:tx_browser_pi1|segment=searchform]
```

```
6.    // Don't handle header of content element
7.    lib.stdheader >

8.    // Don't wrap content element with a default div
9.    tt_content.stdWrap >

10.   // Don't prefix the content element with a comment
11.   tt_content.list.20.stdWrap.prefixComment >

12.   // Remove the current page obeject
13.   page >

14.   // Create a page object for AJAX
15.   page < plugin.tx_browser_pi1.javascript.ajax.page
16. [global]
17. // AJAX page object
```

Further Information

- Browser Tutorial AJAX
  http://typo3.org/extensions/repository/view/browser_tut_ajax_en/current/

The Browser Tutorial AJAX should be helpful, if

- you have any further question,

- you like to use your own HTML template or

- you like to debug Javascript/AJAX.

RSS Feed

Quick Installation

- Create a page "rss"

- Add an extension template.

- Include the static template "+Job Market - RSS".

- Maintain some values with the TypoScript Constant Editor.

- Remove the current page object and replace it with the rss page object of the Browser.

- Add the plugin "Browser" and configure it to your needs.

Add a Page, a Plugin and the Extension Template

1. Add a page to your page tree.
   Call it "RSS".

2. Add the Browser plugin to the page.
   Call it "[Browser for RSS]".
   Set the header type to: [hidden].
   Configure the other properties later (see below).

3. Add an extension template to your page.
   Call it in the format "type_name-of-your-page_uid-of-yourTypoScript-template".
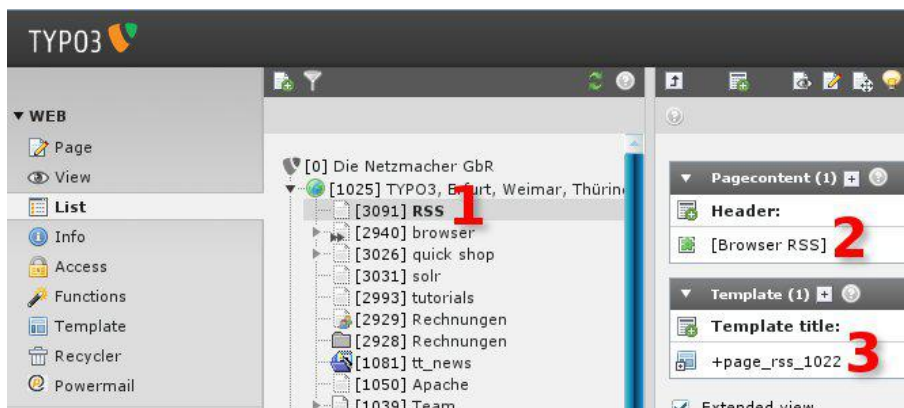   Here: "+page_rss_1022"

Illustration 8: RSS page with the browser plugin and the TypoScript template

Configuring

Template

Configure the extension template.

[General]

Add in the tab [General] into the field "setup" the code from below.

```
///////////////////////////////////////////////////////////////////////////////
//
// RSS page object

// 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_pi1.rss.page
// RSS page object
```

You find this code at res/ts/rssPage.txt in the directory of the extension Browser.

[Includes]

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

- +Job Market - RSS (job_market)

Constant Editor

Please configure some values with the TypoScript Constant Editor:

1. Web Modul > Template

2. Page Tree: page "RSS"

3. Edit Area: [Constant Editor]
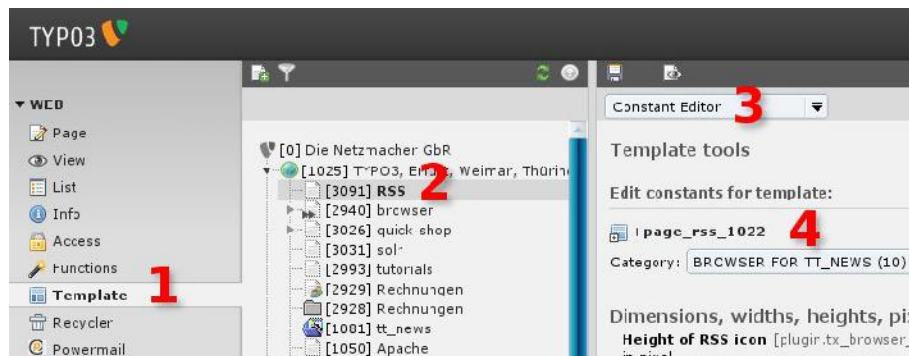
4.   Category [JOB MARKET RSS]

Illustration 9: The TypoScript Constant Editor

Three values are obligated:

1. Host: Host of the RSS feed. No protocol, no slash! I.e: www.typo3-job-market.de

2. Job Market single view: Page uid of the single view with the jobs

3. RSS-Feed: Page uid of the RSS-Feed with the jobs

Browser Plugin / Flexform

[Templating]

1. Browser plugin tab [Templating]

2. Field "Plugin: HTML template: [Job Market (RSS-Feed) (job_market)]
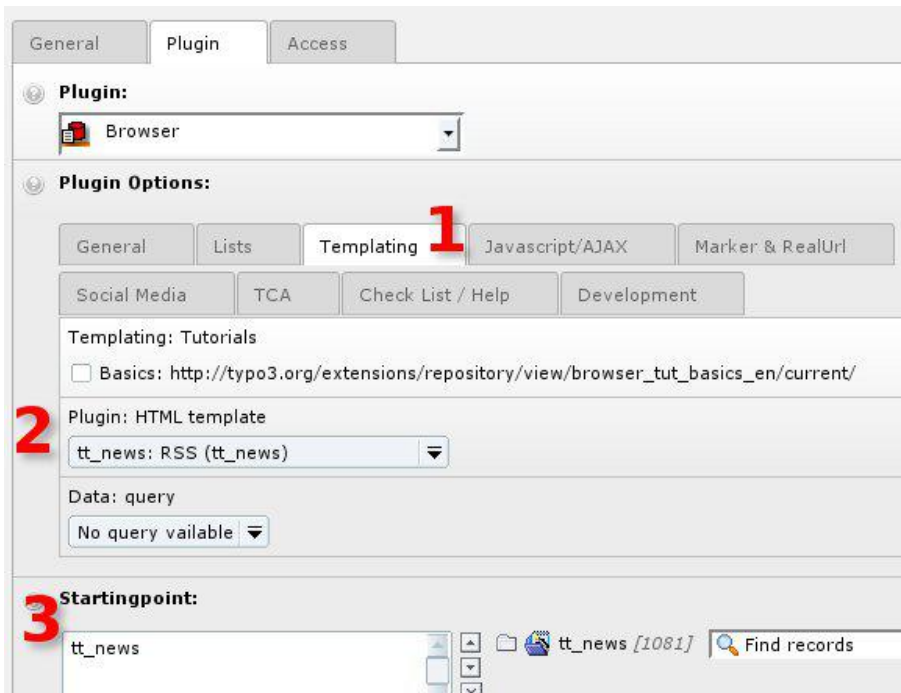
3. Startingpoint: The folder with your job offers.

Illustration 10: Browser plugin tab [Templating]

[General]

4. Browser plugin tab [General]

5. Views: [Configured]

6. Views: Filter [X]

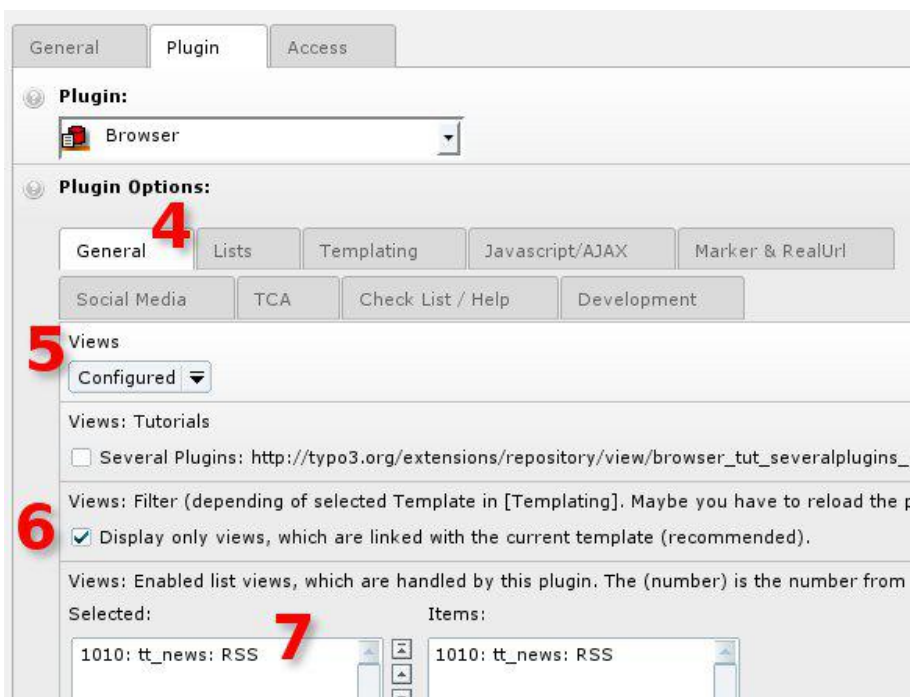7. Views Selected: 10: Job Market (RSS)

Illustration 11: Browser plugin tab [General]

Result in the Frontend

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

Illustration 12: 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.

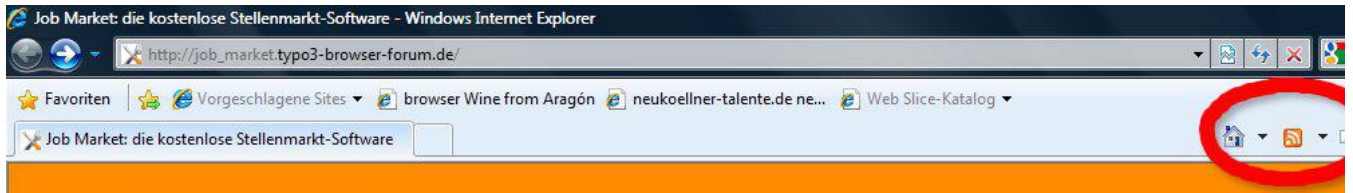You have to add an alternative link to your HTML head section.

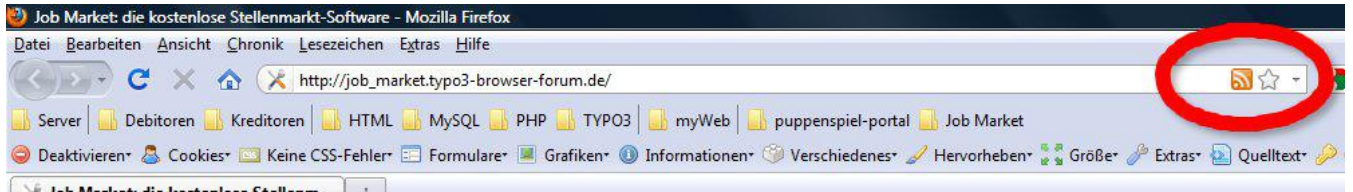Illustration 13: RSS Icon in the Internet Explorer

Illustration 14: RSS Icon in the Firefox

Illustration 15: RSS Icon in the Safari

If visitors of your site click on the RSS icon of the browser, they will 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="TYPO3 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
```

Adapt your feed

If you like to adapt the RSS/XML feed in any way, the Browser tutorial RSS should be a help. See

- http://typo3.org/documentation/document-library/extension-manuals/browser_tut_rss_en/current/

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

AJAX

1.2.1   Job Market is provided with an optimised HTML template for AJAX

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 16: The TYPO3-Frontend-Engine Browser Forum

To-Do List

Nothing to do.

Further Information

About the plugin icon

Illustration 17: 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 subcribing 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 uer 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/

Demo-Website

- Online demo: http://typo3-job-market.de/

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

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  http://www.leg-thueringen.de/

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Illustration 18: The Author - a little bit blurred

Change Log

1.3.0   **Improvement**
       - Adaptation to the Browser version 3.5

1.2.1   **New Feature**
       - AJAX

1.1.1   **New Feature**
       - RSS-Feed

1.0.1   **Publishing**
       - Adding a manual

0.0.1   **Initial release**

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