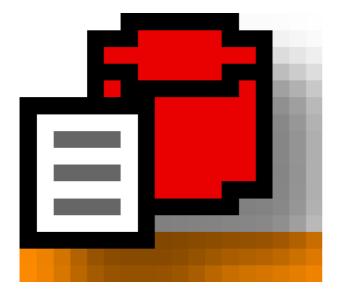# Browser - TYPO3 without PHP

This is an abstract only. The manual is an own extension.
See: browser_manual_en

Publish your data in list and single views! You don't need neither any own plugin nor any line PHP code. The Browser - TYPO3 without PHP - provides an indexed browser (a-z), a page browser, a record browser, a search form, filters, category menus and AJAX by default. Your data will be detected as objects, i.e. images will be wrapped automatically. SEO - Search Engine Optimization - is supported.
The Browser enables the development of TYPO3-Extensions without any line PHP. TYPO3 developers and TYPO3 integrators will be eight times faster! The browser is very suitable for database development.

Version: 4.0.0 - 2012-06-06

Extension Key: browser

Language: en

Keywords: forAdmins, forIntegrators, forDevelopers, forBeginners, forIntermediates, forAdvanced, browser, frontend-engine, frontend, engine, sql, relation building, seo, search engine optimization, index browser, a-z browser, alphabetical browser, alpha browser, page browser, sql browser, templating

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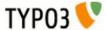
The content of this document is related to TYPO3

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

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Screen shot

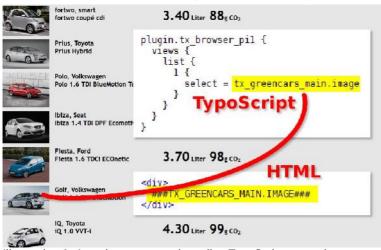## Key image: Develop TYPO3 eight times faster!

Illustration 1: Amazing - you need one line TypoScript to render an image.

Revolution for TYPO3 developers and TYPO3 integrators: If you like to publish you own database, you don't neither need any own plugin nor any line PHP code. The Browser – TYPO3 without PHP – investigate your database relations and your database fields. The extension turns every field of the database into a TypoScript object. Developers can save up to 85 percent of there operating expense.

More screen shots in the manual

See

- Browser Manual
  http://typo3-browser.de/typo3conf/ext/browser_manual_en/doc/manual.pdf

- Extension key: browser_manual_en

Introduction

The Browser – TYPO3 without PHP – enables developers and integrators to develop own extensions without any own plugin and without any own line PHP code. If you are using the Browser, you will develop TYPO3 eight times faster. The Error: Reference source not found is illustrated on page Error: Reference source not found Error: Reference source not found.

What does it do?

- With one line TypoScript you will get a result list with a search form, a page browser and an a-z-browser for your tt_news records or for any other tables of any other extension. With one line TypoScript more you will get a single display of your record extended with a record browser.

- The Browser provides data in the frontend from any backend database.

- 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 extension tries to detect the type of fields automatically. It renders images as images and handles documents as documents and displays it with the mime type icon.

- SEO, Search Engine Optimisation, is supported.

- 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.

- The Browser supports AJAX by default.

- The Browser supports to export 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 it depending on URL parameters.

- piVars are available in the TypoScript. For example: A user searches for 'browser'. The search word is stored in the piVar tx_browser_pi1[sword]. You can display the search word 'browser' in your template with the marker ###SWORD### everywhere.

- All values from the TYPO3 array $GLOBALS are available at runtime. $GLOBALS contains hundred and thousands of values like session ids, the data of the client browser, the data of a current frontend user among others. The Browser enables to design your HTML depending of that values and properties at runtime.

- The Browser is supported by the DRS - Development Reporting System. The DRS displays both errors and workflows. For example: If you have problems with 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 extend the Browser with apllications out-of-the-box – so called one-mouse-cklick-extensions like Organiser and Quick Shop. You can install the TYPO3 swiss knife (org) or the online shop quick_shop – based on the Browser - with sample data and ready configured by one mouse click.

- The Browser is a team player: with the extensions wt_cart and powermail you are able to build your own webshop without any own line PHP.

- The Browser supersedes the template engine Smarty.

What do you need?

- Experience in TypoScript.

- The extension devlog, if you want to use the DRS – the Development Reporting System.

100% open source, 100% costless

- The Browser is 100% open source and 100% costless.

- We don't like so called premium versions or latest version with costs.

- We like a powerful TYPO3 community and a common development supported by integrators and developers.

- The latest Browser version is available at the SVN repository of TYPO3.

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.

Obligatory Requirements

- Database MySQL

Non possible features

- The Browser doesn't support versioning.

- The Browser doesn't support different workspaces.

- The Browser hasn't any interface for frontend editing.

Manual

See

- Browser Manual
  http://typo3-browser.de/typo3conf/ext/browser_manual_en/doc/manual.pdf
- Extension key: browser_manual_en