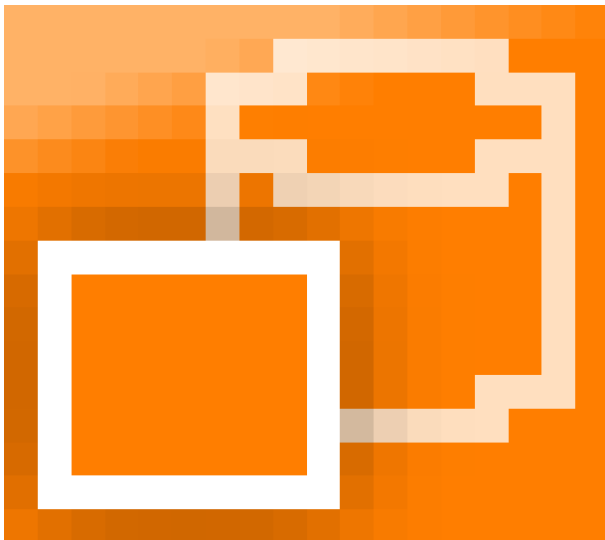


# Browser Tutorial Images (en)

## Browser – TYPO3 without PHP

Manage images with and without the FAL (File Abstraction Layer). Tutorial for the Browser – TYPO3 without PHP.



Version: 7.0.7, 2015-04-09

Extension Key: browser\_tut\_images\_en

Language: en

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# Introduction

## What does it do?

- This is a tutorial for the extension Browser – TYPO3 without PHP (extkey: browser).
- It is a manual how to manage images with or without the FAL (File Abstraction Layer).

## Further Information

### This tutorial in PDF format

You find this tutorial as a PDF file at

- [doc/manual.pdf](#)
- [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)

### Browser Manual

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

- HTML: [http://typo3.org/extensions/repository/view/browser\\_manual\\_en/](http://typo3.org/extensions/repository/view/browser_manual_en/)
- 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)

# FAL

There are two possibilities for managing images in the backend:

- Without the FAL (File Abstraction Layer)
- With the FAL

The managing of images in the backend is independent of the Browser – TYPO3 without PHP.

## Without FAL

Extensions usually manage images without the FAL, which were developed for TYPO3 4.x.

If images are managed without the FAL, the Browser – TYPO3 without PHP – has some templates for managing images for the frontend.

### Features

- You can manage the output by the TypoScript Constant Editor.
- Image code should be responsive.
- The Browser – TYPO3 without PHP – can manage the type of links. These types are
  - record: link to the single view
  - page: link to an internal page
  - url: link to an external url
  - notype: no link, record is displayed in list views only.
- The Browser – TYPO3 without PHP – is compatible with tt\_news and respects these values too:
  - 1: link to an internal page
  - 2: link to an external url

### Sample with tt\_news

The code below is based on a sample with tt\_news. The sample has a tutorial. 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)

### Adapt it to your needs

Please adapt the code from below to your needs. Replace the labels for the table and the fields with the labels of your database of your extension.

## Code snippet

### Constants

```

plugin.tx_browser_pil {
    navigation {
        showUid = newsUid
    }
    templates {
        listview {
            header {
                0 {
                    crop = 40|...|1
                    field = tt_news.title
                    tag = div
                }
            }
            image {
                0 {
                    #default =
                    file = tt_news.image
                    height = 40c
                    path = uploads/pics/
                    seo = tt_news.imagealttext // tt_news.imagetitletext
                    width = 40
                }
            }
            text {
                0 {
                    crop = 56|...|1
                    field = tt_news.short
                }
            }
            url {
                0 {
                    key = tt_news.type
                    page = tt_news.page
                    record = tt_news.uid
                    showUid = newsUid
                    #singlePid =
                    url = tt_news.ext_url
                }
            }
        }
        singleview {
            image {
                0 {
                    caption = tt_news.imagecaption
                    file = tt_news.image
                    height =
                    heightDefault =
                    imagecols =
                    imageorient =
                    path = uploads/pics/
                    seo = tt_news.imagealttext // tt_news.imagetitletext
                    width =
                    widthDefault = 300
                }
            }
        }
    }
}

```

### Setup

```

plugin.tx_browser_pil {
    views {
        list {
            1000 {
                tt_news {
                    ...
                    image < plugin.tx_browser_pil.displayList.master_templates.tableFields.image.0
                    title < plugin.tx_browser_pil.displayList.master_templates.tableFields.header.0
                }
            }
        }
    }
}

```

## With FAL

If images are managed with the FAL, the Browser – TYPO3 without PHP – hasn't any template currently, but an example.  
See: Tutorial with tt\_content

- HTML: [http://typo3.org/extensions/repository/view/browser\\_manual\\_en/](http://typo3.org/extensions/repository/view/browser_manual_en/)
- 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)

## Adapt it to your needs

Please adapt the code from below to your needs. Replace the labels for the table and the fields with the lables of your database of your extension.

## Code snippet

### Constants

```
plugin.tx_browser_pil {
    navigation {
        showUid = contentUid
    }
    templates {
        listview {
            image {
                0 {
                    default =
                    file    = tt_content.image
                    height  = 80
                    path    =
                    seo     = tt_content.header
                    width   = 80c
                }
            }
        }
        url {
            0 {
                key      =
                page     =
                record   = tt_content.uid
                showUid  = contentUid
                #singlePid =
                url      =
            }
        }
    }
    singleview {
        image {
            0 {
                caption    =
                file       = tt_content.image
                height     = tt_content.imageheight
                imagecols  =
                imageorient =
                path       =
                seo        = tt_content.header
                width      = tt_content.imagewidth
            }
        }
    }
}
```

## Setup

```

plugin.tx_browser_pi1 {
    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_pi1.displayList.master_templates.tableFields.image.0.default
                        renderObj {
                            file {
                                import {
                                    data = file:current:uid
                                    stdWrap >
                                }
                                treatIdAsReference = 1
                            }
                        }
                    }
                }
            }
        }
    }
}

```

## Constant Editor

### BROWSER - TEMPLATES - LIST - IMAGE 0

plugin.tx\_browser\_pi1.templates.listview.image.0

Property:	Data type:	Description:	Default:
File	string	(Obligate!) Field with the file name. I.e: tx_org_service.image	
Position	int+	Position of the image in the list of files: 0 (and empty) is 1st position (default), 1 is 2nd position, 2 is 3rd position and so on.	
Height	string	Height of the image in pixel. I.e: width = 120c and height = 80c crops 120x80px from the center of the scaled image. Width = 100c-100 and height = 100c crops 100x100px from landscape-images at the left and portrait- images centered. Width = 100c+30 height = 100c-25 crops 100x100px from landscape-images a bit right of the center and portrait-images a bit higher than centered.	
Width	string	Width of the image in pixel. The samples at property height above.	
SEO field	string	Field for Search Engine Optimisation (SEO). The field for alttext and the titletext property. I.e. tx_org_service.imageseo	
Render layout	string	Possible values are: data, default, picture and srcset <ul style="list-style-type: none"> <li>• data: renders an image tag containing data-keys for the different resolutions.</li> <li>• default: renders a normal non-responsive image as a &lt;img&gt; tag.</li> <li>• picture: renders a picture tag containing source tags for each resolutions and an &lt;img&gt; tag for the default image.</li> <li>• srcset: renders an image tag pointing to a set of images for the different resolutions.</li> </ul>	default
Path	string	(Obligate!) Path to the images (with ending backslash!). I.e: uploads/tx_org/	
Default image	string	Full qualified path to the default image. I.e: EXT:browser/Resources/Public/Images/Icons/browser_default_300x200.gif	See description

### BROWSER - TEMPLATES - LIST - IMAGE [1-5]

See "BROWSER - TEMPLATES - LIST - IMAGE 0" on page 8 above.



## BROWSER - TEMPLATES - LIST - URL 0

plugin.tx\_browser\_pi1.templates.listview.url.0

Property:	Data type:	Description:	Default:
Key	string	(Obligate!) Field with the key for controlling the URL type. I.e: tx_org_service.type	
Uid	string	(Obligate!) Field with the uid of the current record. I.e: tx_org_service.uid	
Page	string	(Obligate!) Field with the link to the internal page. I.e: tx_org_service.page	
URL	string	(Obligate!) Field with the link to the external website. I.e: tx_org_service.url	
Force absolute URL	boolean	If it's enabled, a absolute URL will rendered. An absolute URL in a newsletter is obligatory!	
Scheme	string	Scheme is used, if absolute Url is enabled. Possible values: http,https	http
return	string	Possible values: empty, target or url <ul style="list-style-type: none"> <li>empty: a-tag (recommended).</li> <li>url: returns the URL only. Recommended for a rss feed.</li> <li>target: return the target only.</li> </ul>	empty
Alias for showUid	string	If the destination tables is using an alias for the showUid, you must enter it. I.e: jobUid	
PID of single view	int+	Page id of the single view. Leave it empty, if the list view and single have the same pid. I.e: 142	

## BROWSER - TEMPLATES - LIST - URL [1-5]

See "BROWSER - TEMPLATES - LIST - URL 0" on page 9 above.

# Update

## From < 6.x/7.0

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

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

See the samples

- "Without FAL" on page 4 above and
- "With FAL" on page 6 above

# Helpful suggestions

## Forum

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

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

Posts are welcome in English and German.

## New Features and Bug Reports

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

Here you find feature announcements and bug reports.

See

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

## Change Log

- 7.0.7     **Update**  
#i0001: Browser 6.x/7.x, TYPO3 6.x
- 3.6.1     svn revision 43034  
**New Features**
  - 12756: Images got full tt\_content support
- 3.6.0     **New Features**
  - #11211: Wrap for image and image caption with the image number
  - #11204: If a record hasn't any image, a alternate image will be displayed by default
- 3.0.3:     **Improvement**  
Extending the tutorial with an example with jQuery FancyBox (jq\_fancybox)
- 3.0.1:     **Initial release**

## Illustration Index

# Alphabetical Index