

EXT:fdfx_be_image

Extension Key: **fdfx_be_image**

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PDF-Version available at

http://www.4many.net/manual/fdfx_be_image/manual.pdf

The content of this document is related to TYPO3

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

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Introduction

What does it do?

Often articles are decorated with images uploaded to the server. These images are optimized to be displayed at a special position or just provide a general overview.

But what if an editor just needs a special section for a teaser or a header image or some background for CSS?

Manipulating it on the local computer is requiring additional programs...

As you can imagine: **fdfx_be_image** is the beginning of server-based image processing focused on the TYPO3-Framework. At the moment it provides the capability to crop images. Further functionality will follow depending on requirements.

Starting with version 1.4.0 it is now automatically detected if DAM is available. If so, an icon for image cropping will be added.

Sponsoring

The initial development of this extension was sponsored by www.weltkunst.de.

Acknowledgment

This extension is based on developments provided by Alf Magne Kalleland at www.dhtmlgoodies.com.

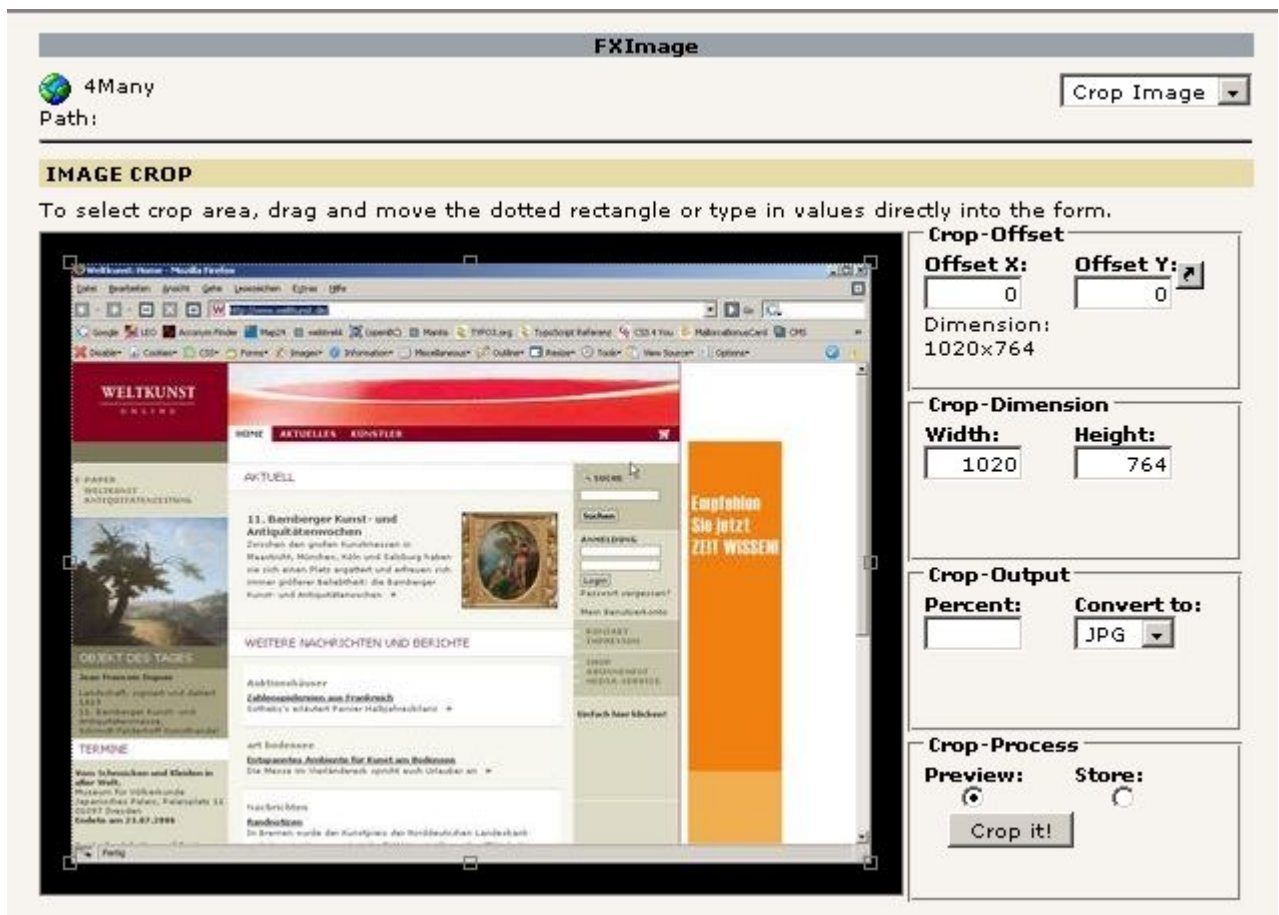
The server-based image cropping was totally rewritten to be compatible with the TYPO3-Framework and meet the security requirements. Additional changes on the original Javascript code for the AJAX communication were required.

Screenshots

Left-clicking on a image in your Filelist provides an additional menu entry: FXImage.



You will get the image manipulation section. At the moment all you can do is cropping the image.



To crop an image just drag and move the dotted rectangle. Further you can just type in the values directly. If you select **Preview** and click on **Crop** and preview window will display the resulting selection.



Due to the fact of floating CSS layout the size of the image displayed can be now resized due to user TSCONFIG (see. Configuration)

If you select **Store** the image gets saved at the place defined during extension setup.



As you see the new filename is calculated automatically.

PDF

The actual version of this manual can be downloaded in PDF format at
http://www.4many.net/manual/fdfx_be_image/manual.pdf

Users manual

There is nothing more to say at the moment as just refer to the Screenshots.

Administration

Installation

Just download the extension using the extension manager. Starting with version 1.3.0 local installation is now supported.

Setup

During installation or at any time you click in the extension manager you can setup some general settings.

Variable	Definition	Type	Default	Comment
MAX_WIDTH	Defines the image maximum width for the BE output. This will NOT have any influence on the final output. This is just used to scale larger images nicely on the display and speed up output. Added version 1.0.0: Optimized for a resolution of 1024x768 px Due to the floating CSS layout you should adjust this if you have higher screen resolutions available. Further you can configure that on BE-user base by Preset (s. Configuration)	Integer	400px	Can be overridden on a user base TSCONFIG: e.g. <i>FDFX_BE_IMAGE.display.maxWidth=600</i> see Configuration
MAX_HEIGHT	Defines the image maximum height for the BE output. This will NOT have any influence on the final output. This is just used to scale larger images nicely on the display and speed up output. Added version 1.0.0: Optimized for a resolution of 1024x768 px Due to the floating CSS layout you should adjust this if you have higher screen resolutions available. Further you can configure that on BE-user base by Preset (s. Configuration)	Integer	300px	Can be overridden on a user base TSCONFIG: e.g. <i>FDFX_BE_IMAGE.display.maxHeight=450</i> see Configuration
SAME_PATH	If set, resulting image will be saved in the same path as the original.	Boolean	false	
IS_ABSOLUTE	If set, the provided path (see NEW_PATH) will be an absolute path on the server. If SAME_PATH is set (i.e. true) this will be with out any influence.	Boolean	false	
NEW_PATH	This will define the path where to store the manipulated image depending in the settings of SAME_PATH and IS_ABSOLUTE.	String	fdfx_image	
RESIZE_COMMAND		String	resize	Due to the fact that ImageMagick change the command from 'size' to 'resize' in the past, you can adjust that here if you experience problems

Configuration

(Added version 1.0.0)

Due to different requirements each BE-user can be configured individually. To do so add this to the user TSCONFIG:

```
FDFX_BE_IMAGE{
  display
  {
    maxWidth=600
    maxHeight=450
  }
}
```

This will override the general settings made during setup of the extension on a user base and will make the best use of the individual hardware.

To-Do list

1. Add additional functionality

Changelog

- 1.5.0 bug fix relies due to a bug that was caused by older versions of IM 4.2.3 as the command for resizing was changed from size tor resize :-(
- 1.4.0 added support for DAM
- 1.3.0 support for local installation
change to run also on local installation required move of class.fdfx_image.php to folder cm1
- 1.2.0 enabled non admin user to to access the module
- 1.1.0 bug fix: if user TSCONFIG was not set, no values were accepted
- 1.0.0 added translation capability
changed CSS to float to improve usages of higher resolutions
added configuration on user base
manual error fixing
- 0.8.0 first public upload