

Random Images

Extension Key: **maag_randomimage**

Copyright 2004-2006, Urs Maag, <urs@maag-matzingen.ch>

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

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Introduction

What does it do?

The Random Image plugin is a Frontend Plugin to show an number of images from a directory and (if wished) its subdirectories. The images are selected randomized. The Random Image extension features include:

- Definition of a begin path
- Definition of pathes to exclude
- Definition of folders to exclude
- Definition of file patterns to exclude
- Set count of images to display
- Dynamic change of a random image in a time of miliseconds
- Define alt of image, define wrap of image (use patterns for dynamic alts)
- Define caption of image (use patterns for dynamic captions)
- Define link of image (use patterns for dynamic captions)
- Define weight of image (for little banner functionality)
- Define mouse-hover effect (show big image on mouse hover)
- Sort selected images
- Configuration over Typoscript and Flexform

Requirements

This extension requires TYPO3 4.0.0+.

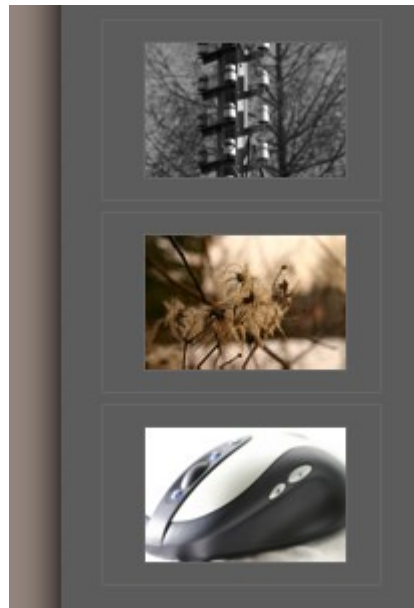
This extension requires Javascript enabled, if the images should change dynamically.

Languages

The extension is currently available in GB English (default) and German.

Screenshots

Show Random Images on your web page:



Make the configuration over flexform in the plugin:

Erweiterung:	
Random Images	
Plugin Optionen:	
Allgemeine Einstellungen Anzeige Maus-Over Effekt Grosses Bild	
Debugging	
Bilder-Pfad	fileadmin/pict/menu/
Bilder-Pfad für grosse Bilder	fileadmin/pict/big/
Pfad ignorieren (Komma-getrennt)	
Ordner ignorieren (Komma-getrennt)	
Dateien ignorieren (Komma-getrennt)	
Imagemagick zur Grössenänderung benutzen	<input checked="" type="checkbox"/>
Allgemeine Optionen:	

Labels and localization

You may adapt the labels in locallang_db.php to to your needs and languages.

Banner Functionality

This extension allows to define a weight for each image so you can say that

- Image1 has a weight of 85%
- Image2 has a weight of 10%
- Image3 has a weight of 5%

If this weights are set, Image1 would shown 85% of the time, Image2 10% and Image3 5% of the time.

To do this, create a file with the extension ".wat" at the same folder and with the same name as the image file. In this .wat-file

write on the first position your wished number of the weight (Expl. 85). Please write only the number without the %-mark! If you want to show this image only at for a while you can write after a blank the time from and to:

You have a image called TestImage.jpg in the folder fileadmin/images.

Create a File called "TestImage.wat" at the same folder (fileadmin/images).

Write in this ".wat"-file following:

85 12:00-16:00

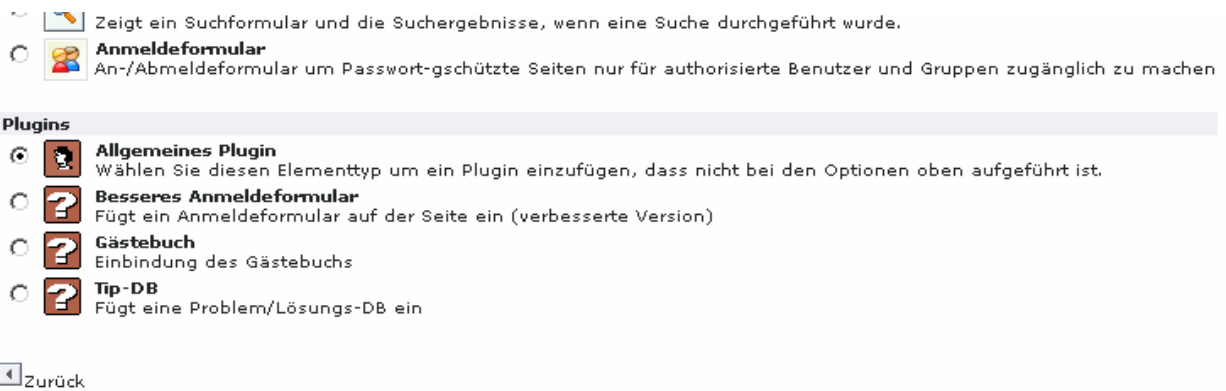
That means:

TestImage1 is shown between 12 and 16 o'clock and have a weight of 85. Other imagefiles without a ".wat"-file have automatically a weight of 1. The step for weights of an image is in minimum 1.

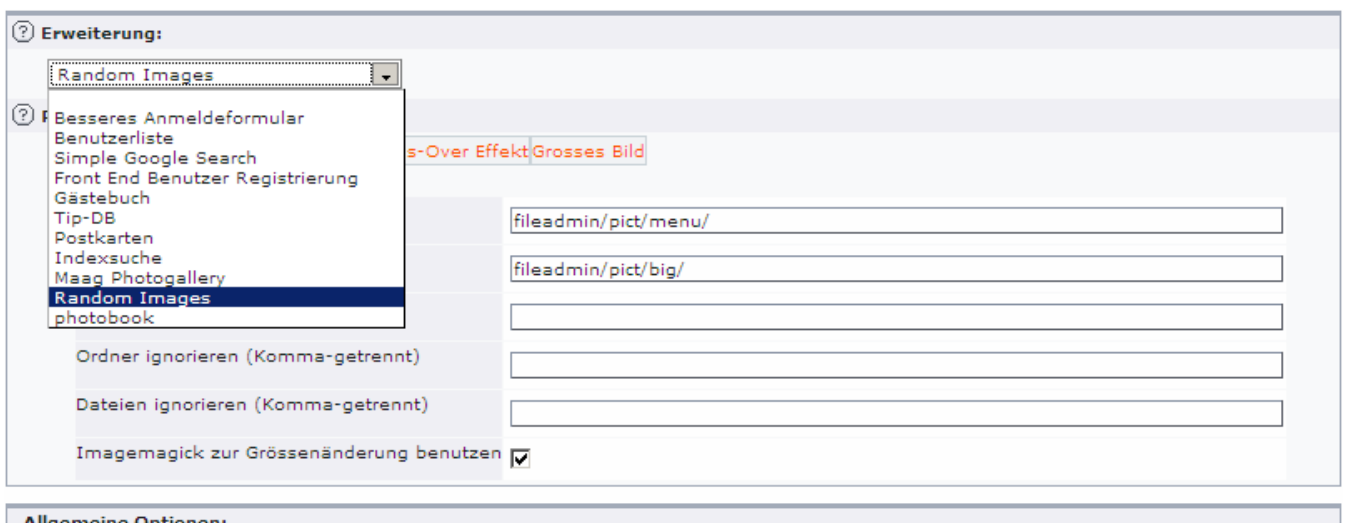
In the ".wat"-file you can write the weight and / or the time. If you want to show the image every time, you can leave the time blank.

Users manual

First, the extension must be installed. After the extension is installed, you can insert the plugin over the Plugin-Section



Choose the Plugin "Random Images".



Configure the plugin over flexform. See the description of properties in the Configuration section.

FAQ

Configuration

General

TypoScript Reference

Please note that the following properties TS template setup.

Property:	Data type:	Description:	Default:
uniqueKey	string	A key to identify the plugin unique. Used for caching of images generated with "imcommand" and "bigimageimcommand" if there are more than one maag_randomimage plugin on the same page	TSFE:id
path	string	Root-Path to the images. This is the begin path of the images which would be shown on the page. Note: the path must begin with "fileadmin" or "user_upload". This because if it is not so, there is a security risk of reading directories on filesystem.	Fileadmin/pict/
bigImagePath	string	Root-Path to big images. This is the begin path of the images which would be shown on mouse over. The subdirectory structure must be the same as the subdirectory structure in the path of small images and the image-names must be the same as the small image. You must use the bigImagePath only if "uselmagemagick" is set to false. Otherwise you can copy the big image in your "path" an typo3 resizes the images with imagemagick. Note: the path must begin with "fileadmin" or "user_upload". This because if it is not so, there is a security risk of reading directories on filesystem.	fileadmin/pict/big/
ignore	string	Pathes to exclude. If Random Images go recursive from the root directory, subdirectories can be excluded. Write the full path (fileadmin/pict/images/excludedimages). More than one Path would be separated by comma.	
ignorefolder	string	Folders to exclude. If Random Images go recursive from the root directory, folders can be excluded. More than one Folder would be separated by comma.	
ignorefile	string	Files to exclude. It can be a string like 'cached_file', what means that all files which inherit 'cached_file' in the directory and filename will be excluded. It also can be a regular expression. If its a regular expression, it must be included by { }. An example is '{.+\.gif}'! This example means, that all files with the extension 'gif' will be excluded. With the flag 'i', its not case sensitive.	
uselmagemagick	boolean	If set to true, the extension resizes the image for view as small images. You don't have to make a small and a big image.	1
imparams	string	Imagemagick additional parameters for image effects: For Example: -geometry 50x67! -colorspace RGB -quality 70 Valid settings are: -geometry -gamma -blur -sharpen -rotate -solarize -swirl -wave -charcoal -gray -edge -emboss -flip -flop -colors -shear -invert	

Property:	Data type:	Description:	Default:
bigimageimparams	string	<p>Imagemagick additional parameters for image effects of big image: For Example: -geometry 100x67! -colorspace RGB -quality 10</p> <p>Valid settings are:</p> <ul style="list-style-type: none"> -geometry -gamma -blur -sharpen -rotate -solarize -swirl -wave -charcoal -gray -edge -emboss -flip -flop -colors -shear -invert 	
imcommand	string	<p>A explicit image magick command for the image without parameters. Allowed commands are:</p> <ul style="list-style-type: none"> animate compare composite conjure convert display identify import mogrify montage stream <p>Other than these commands are NOT allowed and give an exception.</p>	
imcommandparams	string	<p>The image magick command parameters for the image without the command itself (convert, composite, ...). The Extension creates a image magick command and execute it. Can be used for example watermarking:</p> <p>composite -geometry 300x300 -dissolve 40% -gravity southeast RANDOMIMAGE /var/www/fileadmin/randomimages/watermark.jpg -interlace Line OUTIMAGE</p> <p>Use the Placeholder RANDOMIMAGE for reference of current image. It must be written in UPPERCASE.</p> <p>Use the Placeholder OUTIMAGE if the command must have a output image parameter. It must be written in UPPERCASE.</p> <p>References of images in the command must be written with the physical path of the image</p> <p>Write more commands delimited by semicolon</p> <p>ATTENTION: The images created with imcommand are cached in typo3temp/pics/ To clear this "cache", delete all files named impic_* from this directory</p>	
bigimageimcommand	string	<p>A explicit image magick command for the image without parameters. Allowed commands are:</p> <ul style="list-style-type: none"> animate compare composite conjure convert display identify import mogrify montage stream <p>Other than these commands are NOT allowed and give an exception.</p>	

Property:	Data type:	Description:	Default:
bigimageimcommandparameters	string	<p>The image magick command parameters for the image without the command itself (convert, composite, ...). The Extension creates a image magick command and execute it. Can be used for example watermarking:</p> <pre>composite -geometry 300x300 -dissolve 40% -gravity southeast RANDOMIMAGE /var/www/fileadmin/randomimages/watermark.jpg -interlace Line OUTIMAGE</pre> <p>Use the Placeholder RANDOMIMAGE for reference of current image. It must be written in UPPERCASE.</p> <p>Use the Placeholder OUTIMAGE if the command must have a output image parameter. It must be written in UPPERCASE.</p> <p>References of images in the command must be written with the physical path of the image</p> <p>Write more commands delimited by semicolon</p> <p>ATTENTION: The images created with imcommand are cached in typo3temp/pics/ To clear this "cache", delete all files named impic_* from this directory</p>	
count	int	Count of images, that would be displayed.	3
dynamic	boolean	If set, a image of the displayed images changes its source after a time of milliseconds.	0
interval	int	If the dynamic property is enabled -> the dynamic change in milliseconds.	2000
recursive	boolean	If set, the search of images goes recursive from the root path, else the search of images is only in the root path.	0
maxwidth	int	Max width of image (would be scaled by typo3 standard graphic methods)	
maxheight	int	Max height of image (would be scaled by typo3 standard graphic methods)	
bigimagemaxwidth	int	Max width of big image, shown on mouse over (would be scaled by typo3 standard graphic methods)	
bigimagemaxheight	int	Max height of big image, shown on mouse over (would be scaled by typo3 standard graphic methods)	
sort	int	<p>Sort the selected images (always ascending) either by filename (with or without path) or file date or leave image selection unsorted.</p> <p>Available values are: 1 = unsorted 2 = sorted by file date 3 = sorted by filename without path 4 = sorted by filename with path</p>	1
sortorder	int	<p>Sort order for sorted images</p> <p>Available values are: 1 = ascending 2 = descending</p>	1
sortOnDynamicChange	boolean	If set, the given sort and sortorder takes also effect when dynamic change is set to true	0
stdWrap	stdWrap	Standard wrap of the extension	
image	IMAGE	<p>The IMAGE-Typo3-Object. Give alttext and wrap, etc. Properties of this object are relevant for all shown images of the extension (e.g. "count" is greater than 1).</p> <p>Use the alttext with patterns: #fn# for filename of image (without extension) #fe# for fileextension of image #fd!Ymd!# for filedate, in exclamation marks define the date-format</p> <p>if you want a alttext for a specific image file you can make for this file a .alt-file. In the .alt-file write the alttext for this image (you can also use patterns in this .alt-file): - You have a image named testimage1.jpg - Make a file named "testimage1.alt" in the same folder - Write in this file the alttext (expl. "This is Image 1")</p> <p>Alttext with .alt-files is only enabled, if the image.alttext property is set with a default value.</p>	

Property:	Data type:	Description:	Default:
image.1 image.2 image.3 image. ...	IMAGE	The specific image that would be rendered. If you set the "count" property to 3, you have 3 IMAGE-Objects: image.1, image.2 and image.3	
image.fading	boolean	If set, the change of the small image is with a fade effect.	0
image.fading.style	string	For fading effects, the extension wraps a div around the image. Per default, the div renders next html on a new line. If you dont want it like that, you can define styles for this div. (float: left; to render next html on the same line)	
image.caption	string	<p>If you wish a caption for the image, you can define it here. Use patterns for dynamic captions:</p> <p>#fn# for filename of image (without extension) #fe# for fileextension of image #fd!Ymd!# for filedate, in exclamation marks define the date-format</p> <p>if you want a caption for a specific image file you can make for this file a .cap-file. In the .cap-file write the caption for this image (you can also use patterns in this .cap-file):</p> <ul style="list-style-type: none"> - You have a image named testimage1.jpg - Make a file named "testimage1.cap" in the same folder - Write in this file the caption (expl. "This is Image 1") <p>Captions with .cap-files is only enabled, if the image.caption property is set with a default value.</p>	
image.caption.style	string	Define the CSS-Style of your caption (expl. "color: blue;")	
image.link	string	<p>The typolink around the image. If set, it gives a link around the shown images. Make it like a typolink (e.g. "http://www.google.com _blank" for open Google in a new Browser-Window).</p> <p>Use patterns for dynamic arguments: #fn# for filename of image (without extension) #fe# for fileextension of image #fp# for filepath of image without servername with / at the end (e.g. "fileadmin/pictures/beach/malibu") #fd!Ymd!# for filedate, in exclamation marks define the date-format</p> <p>If you want a link per image you can make to each image a .txt-file. In the .txt-file write the link-url for this image:</p> <ul style="list-style-type: none"> - You have a image named testimage1.jpg - Make a file named "testimage1.txt" in the same folder - Write in this file the Link (expl. "http://www.typo3.org_top") <p>If you want link around a specific image (expl. the second image of 3 shown images) you can make in your template:</p> <pre>plugin.tx_maagrandomimages_pi1 { image.2 { link = http://www.google.ch/search?q=#fn#_blank } }</pre> <p>if you want no link araound a specific image (expl. the second image of 3 shown images) you can use the word "none":</p> <pre>plugin.tx_maagrandomimages_pi1 { image.2 { link = none } }</pre>	
showBigImageOnHover	boolean	If set, a big image is shown, when you make the mouse hover of the image.	0
hideBigImageOnOut	boolean	If set, a big image is hidden, when you make the mouse out of the image.	1
changeBigImage	boolean	If set, the big image changes, when small image changes and mouse is over the small image and showBigImageOnHover is set to true.	1
loadingImageText	string	Message shown, until the big image is loaded. The Message appears in a div element wich can designed over the loadingImageStyle property.	Bild wird geladen ...
loadingImageStyle	string	Style of the div tag, for message "Image is loading"	padding: 10px; background-color: white; color: silver; border: 2px solid silver; font-weight: bold;

Property:	Data type:	Description:	Default:
positionLeft	string	Left position of the big image. Values are "relative" and "fixed". relative: Show the image from the right margin of the small image fixed: Show the image from the left margin of the browser relativefixed: Show the image from the left margin of the first small image	relative
positionTop	string	Top position of the big image. Values are "relative" and "fixed". relative: Show the image from the top margin of the small image fixed: Show the image from the top margin of the browser relativefixed: Show the image from the top margin of the first small image	relative
marginLeft	int	Margin from the left position in pixel	0
marginTop	int	Margin from the top position in pixel	0
displayonload	boolean	If set, a big image would be displayed at page load	0
imagenumber	int	If "displayonload" is set, this is the number of the small image, that would be displayed as big image (0 = random)	0
imagenname	string	If the wished big image to show on load is not by the shown small images, you can enter here a path and imagenname.	
showDebugInfo	boolean	Write Debug-Information on Webpage if property "dynamic" is set to true	0

TypoScript Setup

When installing this extension, you should use the following setting (example):

```
temp =< plugin.tx_maagrandomimage_pi1 {
    path = fileadmin/pict/menu
    ignore = fileadmin/pict/menu/hochzeit
    ignorefolder = computer,kontakt
    ignorefile =
    count = 3
    interval = 2000
    dynamic = 1
    recursive = 1
    maxwidth = 100
    maxheight =
    sort = 1
    sortorder = 1
    sortOnDynamicChange = 0
    stdWrap.wrap =
    image {
        alttext = Bild: #fn#
        alttext.lang.en = Picture: #fn#
        fading = 1
        fading.style = float: left;
        caption = #fn#
        caption.style = color: blue;
        link = http://www.google.ch/search?q=#fn#\_blank
        params = hspace="0" vspace="0"
    }
    image.2 {
        wrap = <div style="border: 1px solid green;">|</div>
        link = none;
```

```

}
image.3 {
  wrap = <div style="border: 1px solid blue;">|</div>
}
showBigImageOnHover = 1
hideBigImageOnOut = 1
changeBigImage = 1
positionLeft = relative
marginLeft = -10
positionTop = relative
marginTop = -300
loadingImageText = Bild&nbsp;wird&nbsp;geladen ...
loadingImageStyle = padding: 10px; background-color: white; color: silver; border: 2px solid silver; font-weight: bold;
bigimagemaxwidth = 500
bigimagemaxheight =
displayonload = 0
imagenumber = 0
imagename =
useImagemagick = 1
imparams = -geometry 50x67! -colorspace RGB -quality 70
bigimageimparams = -geometry 100x67! -colorspace RGB -quality 10
imcommand = composite
imcommandparams = -dissolve 40% -gravity southeast RANDOMIMAGE
/var/www/fileadmin/randomimages/watermark.jpg -interlace Line OUTIMAGE
showDebugInfo = 0
}

```

To-Do list

Changelog

Version 0.1.1:

- Initial version.

Version 0.2.0:

- Was not working with Typo3 on Linux Systems.

Version 1.0.0:

- "hideBigImageOnOut" added (hide Big Image on Mouse out)
- "Sort" added (sorting the selected images by filename (with or without path) or filedate)

Version 1.0.1:

- Sortorder added

Version 1.1.0:

- Added display big image on page load
- fixed a bug with E_NOTICE Messages

Version 1.1.1:

- Added possibility to enter for big image on load a specific path and imagename

Version 1.1.2:

- fixed various little bugs

Version 1.1.3:

- Attach Javascript-Load-Event with Attach-Event-Method

Version 1.1.5:

- Make the Javascript-Tags with valid XHTML

Version 1.1.6:

- Fix a XHTML-Bug (image tag without src attribute)

Version 1.2.0:

- You don't have to make images in the right size, it would be scaled by typo3 standard graphic methods
- BigImagePath skipped
- Scale image width typo3 standard graphic methods (e.g. Imagemagick)
- Possibility to give a max width and height for image and big image

Version 1.2.1:

- various bug fixes
- Deleted the imageposition for setting the position of the big image on load (now the position comes from the position of the hover-effect).

Version 1.2.2:

- bug fix of maxHeight (did not scale the image, if maxHeight was entered)

Version 1.2.3:

- bug fix. If there are less images than "count" -variable and dynamic change is true, the current image stay shown.

Version 1.2.4:

- Added "ignorefolder" property. Possibility to define folders, which should be ignored. With "ignore" you can define full pathes, with "ignorefolder" you can define folders.

Version 1.2.5:

- bug fix on ignorefolder.

Version 1.2.6:

- fixed a bug on ignorefolder
- Added "ignorefile" property. Possibility to define filenames or regular expressions, which should be ignored. All Files, which are found with the expression, will be excluded.

Version 1.2.7:

- make dynamic call of random image (xmlhttp-request) asynchron.

Version 1.2.8:

- Bugfix in DynamicImage.js. Fill in the bigimage informations only if the bigimage-div exists.

Version 1.2.9:

- Implementation of possibility to debug the informations of xmlhttp requests if dynamic change is set to true

Version 1.2.10:

- Change the "debug" property to "showDebugInfo"
- bug fix with \$conf-variables on ajax-call

Version 1.2.11:

- Implementation of "changeBigImage" property. If set, changes also the big image, when small image is changed and mouse is over the small image and "showBigImageOnOver" is set to "true".

Version 1.2.12:

- removed \$this->wrapInBaseClass of return value (for valid xhtml)

Version 1.2.13:

- Implementation of standardWrap of the extension

Version 1.2.14:

- Image fading effect of dynamic change of small images

Version 1.2.15:

- bug fix. Id of div for image fading effect was written multiple.

Version 1.2.16:

- When fading effect is enabled, by more than one small image, the images are ordered from top to bottom. Now there is a style-sheet-class implemented, which can be defined in your stylesheet. Type in your stylesheet ".tx_maagrandomimage_fade {float: left;}" and your images are ordered from left to right.

Version 1.3.0:

- Choose if you want it with or without imagemagick
- make a link around the image
- make links per image with a .txt-file

Version 1.3.1:

- little bug fix. Called a not necessary javascript function and gives an javascript error.

Version 1.4.0:

- Set imageFading property to image object. Set link property to image object. Use links with patterns. Use alttext with patterns. Captions for images with patterns. Little bug fixes.

Version 1.4.1:

- bug fixes with setting position of fading div (if fading effect is enabled)

Version 1.5.0:

- possibility to set a weight for each image to implement a little banner functionality

Version 1.5.3:

- Implementation of placeholder #fp# (filepath)

Version 1.5.4:

- Dynamic alt-text (like captions and links)
- Bugfix for image-params. Params over typoscript wasn't taken.

Version 1.5.5:

- Implementation of imagemagick additional parameters

Version 1.5.6:

- Bug fix with additional parameters for imagemagick (dynamic change with the character "+" in javascript file)

Version 1.5.7:

- Implementation sort on dynamic change of images

Version 1.5.8:

- Bugfix with order settings

Version 1.6.0:

- Adding image magick commands. Bug fix in javascript for debug mechanism

Version 1.6.1:

- Define any image magick commands, delimited by semicolon

Version 1.6.2:

- Cache files, generated with imcommand or bigimageimcommand

Version 1.6.3:

- Bugfix for imcommand configuration initialization

Version 1.6.4:

- Bugfix for imcommand with quotes

Version 1.6.5:

- Fixed security issues with imcommand

Version 1.6.6:

- Fixed security issue with path variable (going over apache's document root)
- Fixed security issue with exception message (use the htmlentities method)

Version 1.6.7

- make it compatible with php version 5.3.0

Version 1.6.8

- bug fix on path security check with php 5.3.0

Version 1.6.9

- changed security issue with path variable (now checks of beginning path to fileadmin or user_upload)

Version 1.7.0

- using the altText (no more alttext) for newer versions of typo3