

# Gallery Plugin

description: This Syntax Plugin allows you to embed an automatically created image gallery into a page.

## Syntax

A basic gallery can be added by selecting a [namespace](#) like this:

```
{{gallery>:namespace}}
```

All image files in the selected namespace will be added to the image gallery. Don't forget the „:“ in front of the namespace.

Instead of using a whole namespace of images, you can also specify a single image – this makes more sense when combined with the lightbox mode (see below).

```
{{gallery>:namespace:someimage.jpg}}
```

The created gallery can be aligned by using white space (defaults to centered):

```
{{gallery> namespace}} (right aligned)
{{gallery>namespace }} (left aligned)
{{gallery> namespace }} (centered)
```

Instead of a namespace, you can also give an HTTP(s) URL to any [Media RSS](#) or ATOM feed with enclosures (as produced by most photo sharing sites like Flickr). The images will then be pulled from that feed instead:

```
{{gallery>http://www.23hq.com/rss/schabloni}}
```

Note: since the question mark is used to separate the parameters (see next section) the URL can not contain any question mark. To use such a feed URL with the gallery plugin, just use one of the many short URL services like <http://bit.ly>.

E.g. instead of

[http://api.flickr.com/services/feeds/photos\\_public.gne?id=22019303@N00&lang=en-us&format=rss\\_200](http://api.flickr.com/services/feeds/photos_public.gne?id=22019303@N00&lang=en-us&format=rss_200) use a shortened URL like <http://bit.ly/HurZM>.

Additionally, to have thumbnail creation correctly working you need to set [fetchsize](#) big enough to get the remote images downloaded.

## Parameters

A number of parameters can be set by appending them with ? character to the namespace or image. Each parameter needs to be separated with a & character. Defaults for all parameters can be set in

the config manager. If a parameter is enabled by default it can be disabled in the syntax by prefixing it with the syllable no. E.g. the parameter cache is usually enabled and can be disabled using the keyword nocache. Below is a list of all recognized parameters

Parameter	Default	Description
<number>x<number>	120x120	Sets the size for thumbnails. Unless the crop option is set, this is a boundary box into which the thumbnail will be fitted, maintaining the correct aspect ratio.
<number>X<number>	800X600	Sets the size for the linked images in direct mode. This is a boundary box into which the image will be fitted, maintaining the correct aspect ratio. Note the uppercase X.
<number>	5	The number images per row in the gallery table. If you specify a 0 no table is used instead all thumbnails are added in a sequence.
=<number>	=0	Limits the output to the given number of images. 0 means all.
+<number>	+0	Skip the first number of images. Useful with the option above.
~<number>	~0	Add a pagination for the thumbnails displaying the number of given thumbnails per page. 0 disables pagination. Pagination is added through JavaScript - when no JavaScript is available all thumbnails are displayed
cache	enabled	Usually the output of the created gallery is cached. When the images in your selected namespace change, you have to manually force an update of the gallery page's <a href="#">cache</a> . To disable the cache for the page showing the gallery, set nocache as option.
crop	disabled	Make thumbnails the exact given thumbnail size big, cropping when needed.
direct	disabled	Link thumbnails with the bigger sized images not with their detail page
lightbox	disabled	Show images in a fancy JavaScript modal browsing window, see below for details. Setting this option automatically implies the direct mode
reverse	disabled	Reverse the order of the displayed images
recursive	enabled	Find images in the given namespace and all sub namespaces
random	disabled	Sort images randomly. You might want to use nocache as well
modsort	disabled	Sort images by file modification date
datesort	disabled	Sort images by EXIF date
titlesort	disabled	Sort images by EXIF title
showname	disabled	Show filename below thumbnails
showtitle	disabled	Show the EXIF tag Headline as title below thumbnails
anything containing a *	jpg,gif,png images	This can be used to filter the list of files found in the given namespace. * work as simple wildcard symbol.

### Example

```
{{gallery>images:vacation?image_*.jpg&80x80&crop&lightbox}}
```

This displays all images beginning with `image_` and ending in `.jpg` from the namespace `images:vacation`. Thumbnails are cropped to 80x80 pixels and images will be opened in lightbox mode.

### Example

```
{{gallery>?crop&lightbox}}
```

This displays all images in the current namespace using 2 parameters. Parameterlist begins with ? additional ones are concatenated with &.

## About the Lightbox mode

This mode will open the clicked picture inside the current browser window without leaving the current page.

You can close the picture view by clicking the X button in the upper right corner. You can move to the next or previous image by using the arrow buttons in the lower bar. You can also use the keyboard shortcuts listed below for navigation and closing. Mobile users can swipe to navigate and use the back button to close the gallery.

The following keys can be used to navigate:

Key	Action
→	next image
←	previous image
ESC	close the image view

## Manipulate EXIF Tags

If you want to show a title below the image using the parameter `showtitle` it may appear that the title shown is not as you expected (e.g. `einstein.jpg` instead of `Albert Einstein`).

If you want to adapt the image's subtitle shown in the gallery, you have to manipulate the EXIF Tag called `Headline`. This can be done with the [fullscreen media manager](#). Alternatives include [ExifTool](#) for which even a [Windows GUI](#) exists to adapt the EXIF data to your needs. On *Windows*, the small picture viewer [IrfanView](#) can also be used to change only IPTC values.

Note that the EXIF-tags used for display can be changed. See [EXIF and IPTC metadata](#) for details. By default, the following tags are used:

- `IPTC:Headline` for the title
- `IPTC:Caption-Abstract` for the description below the picture in lightbox-mode
- `IPTC:By-line` for the photographer name
- `IPTC:CopyrightNotice` for the copyright
- `IPTC:Keywords` for keyword list

# Known Limitations and Caveats

## Uploading Images

Uploading images is beyond the scope of this plugin. Do not request any features regarding this.

- Use the [media manager popup](#) or [fullscreen media manager](#) to upload multiple image at once with compatible browsers, otherwise one by one.
- Use the [archiveupload](#) plugin to upload multiple images in a Zip file
- Upload the files manually via FTP to the `data/media` directory. Keep in mind that image names need to be valid [pagenames](#), all lowercase, no spaces or special chars!
- Images previously rotated 90° and saved in that orientation no longer appear that way when used in dokuwiki.

## Caching

The gallery output is cached by default. When you add pictures later, they may not show up in the gallery: add `&purge=true` to the end of the URL to clear the cache. See [caching](#) for details.

Optionally use the `nocache` parameter of the plugin (not recommended).

## EXIF Data Problems

Problems with accessing [EXIF or IPTC](#) data in the images, should be reported as DokuWiki bugs and not for this plugin. All EXIF handling is in DokuWiki core. Currently EXIF Data is expected in UTF-8 encoding.

## Lightbox Problems

When the lightbox mode doesn't work and instead images are simply opened in the same window, the JavaScript was not correctly loaded. This is most likely a Browser-Cache issue. Simply follow the steps described for fixing a similar problem with the [toolbar](#). Also make sure you don't have any conflicting plugin installed. You should **not** install any additional lightbox plugin.

## Images are not Resized

There are different reasons why thumbnails are not created:

- libGD extension is missing ⇒ Install the extension or configure DokuWiki to use [imagemagick](#)
- libGD extension is installed, but the source image size + overhead is larger than `memory_limit` set in `php.ini` ⇒ Lower the source image size or increase the `memory_limit`

## MediaRSS feed displays "nothing found"

When no images from your feed are shown, be sure you don't have a question mark in your URL. Use an URL shortener as suggested above. Also be sure your feed URL (before shortening) starts with `http://` or `https://` and not with `feed://`. The latter is just a renamed HTTP link - simply rename it back.

## External Images are not Resized

As written above, you need to increase the `fetchsize` config option. Also make sure LibGD or ImageMagick are installed.

## Discussion

Be sure to read the [Known Limitations and Caveats](#) section first. Questions should be asked in the [forum](#). Bugs and feature wishes should be reported in the [issue tracker](#). Any comments/discussions on this page will be removed.

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