



Current development on JAMWiki is primarily focused on maintenance rather than new features due to a lack of developer availability. If you are interested in working on JAMWiki please join the [jamwiki-devel mailing list](#).

## Help:Images



This documentation of JAMWiki functionality is based on Mediawiki's reference at [mediawiki:Help:Images](#). Original content licensed in the public domain.

This page explains the **image** syntax when editing the wiki. You or another user must usually [upload an image](#) before you can use it on a page.

Images that are stored on a JAMWiki server are usually rendered by using the `Image:` namespace prefix (but this can be changed using the [Special:VirtualWiki](#) configuration page) as the target of a JAMWiki link. The alternate `Media:` namespace prefix is also usable to reference the original media file content (for rendering or downloading it separately, out of any JAMWiki page).

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## Supported media types for images

The following file formats are supported by default:

- .jpg or .jpeg : bitmap image compressed in the standard JPEG format (this lossy format is most suitable for photographs).
- .png : bitmap image in the *Portable Network Graphics* format (specified by the *W3 Consortium*).
- .gif : bitmap image in the legacy *Graphics Interchange Format*.

Other media types may be supported, but it may not be possible to display them inline.



## Rendering a single image

### Syntax

The full syntax for displaying an image is:

```
[[Image:filename.extension|options|caption]]
```

where *options* can be zero or more of the following, separated by pipes (**|**):

- Format** option: one of **border** and/or **frameless**, **frame**, **thumb** (or **thumbnail**);
  - Controls how the rendered image is formatted and embedded in the rest of the page.
- Resizing** option: one of
  - `{width}px` — Resizes the image to fit within the given maximum width in pixels, without restricting its height;
  - `x{height}px` — Resizes the image to fit within the given maximum height in pixels, without restricting its width;
  - `{width}x{height}px` (JAMWiki 0.9.0+) — Resizes the image to fit within the given width and height in pixels;
  - upright** — Resizes an image to fit within reasonable dimensions, according to user preferences (suitable for images whose height is larger than width).
    - Note that the image will always retain its aspect ratio, and can only be reduced (not increased) in size unless it's in a scalable media type (bitmap images cannot be scaled up).
    - The default maximum size depends on the *format* and the internal image dimensions (according to its media type).
- Horizontal alignment** option: one of **left**, **right**, **center**, **none**;
  - Controls the horizontal alignment (and inline/block or floating styles) of the image within a text (no default value).
- Vertical alignment** option (JAMWiki 0.9.0+): one of **baseline**, **sub**, **super**, **top**, **text-top**, **middle**, **bottom**, **text-bottom**;
  - Controls the vertical alignment of a non-floating inline image with the text before or after the image, and in the same block (the default vertical alignment is **middle**).
- Link** option (JAMWiki 0.9.0+): one of
  - link={target}** — Allows to change the target (to an arbitrary page title, or URL) of the generated link, activable on the rendered image surface; e.g. `[[Image:Example.jpg|20px|link=http://www.wikipedia.org]]` renders as  (internal link).
  - link=** (with an empty value) — Displays an image without any activable link; e.g. `[[Image:Example.jpg|20px|link=]]` renders as .
    - ! Link does **not** work with thumb, thumbnail or frame.
- Other specific options:
  - alt={alternative text}** — (JAMWiki 0.9.0+) Defines the alternative text (maps to the HTML attribute `alt="..."` of the generated `<image />` element) of an image that will be rendered if either the referenced image cannot be downloaded and embedded, or if the support media must use the alternative description text

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 Like 0

(e.g. when using a Braille reader or with accessibility options set by the user in its browser).





The options can be given in any order. If the given *options* conflict each other, the latter is applied, except for the *format* options, where the options take the priority in the order of: **frame**; **thumb** (or **thumbnail**); **frameless** and/or **border**.

If a parameter does not match any of the other possibilities, it is assumed to be the caption text. Caption text shows below the image in **thumb** and **frame** formats, or as mouseover text in **border**, **frameless** formats or when the format is omitted. Caption text displayed in the **thumb** and **frame** formats may contain wiki links and other formatting. In the other options, wiki-formatting will not work though transclusion will.

If no caption text is supplied, a caption is automatically created showing the file name. To completely remove the caption, set it to `<span title=""></span>`. For example, `[[Image:Example.jpg|20px|<span title=""></span>]]` renders as .

## Format

The following table shows the effect of all available formats.

Description	You type	You get
<p>no format specified Rendered as a floating block: no Rendered inline: yes</p>	<pre>... text text text [[Image:example.jpg caption]] text text text ...</pre>	<p>text text</p>  <p>text</p> <p>text text</p>
<p><b>border</b> results in a very small gray border Rendered as a floating block: no Rendered inline: yes</p>	<pre>... text text text [[Image:example.jpg border caption]] text text text ...</pre>	<p>text text</p>  <p>text</p> <p>text text</p>
<p><b>frameless</b>, like thumbnail, respect user preferences for image width, but without border and no right float Rendered as a floating block: no Rendered inline: yes</p>	<pre>... text text text [[Image:example.jpg frameless caption]] text text text ...</pre>	<p>text text</p>  <p>text text text text text text text text text text text</p> <p>text text</p>
<p><b>frameless</b> and <b>border</b> Rendered as a floating block: no Rendered inline: yes</p>	<pre>... text text text [[Image:example.jpg frameless border caption]] text text text ...</pre>	<p>text text</p>  <p>text text text text text text text text text text text</p> <p>text text</p>
		<p>text text</p> <p>text text text text text text text</p>

**frame**  
 Rendered as a floating  
 block: yes  
 Rendered inline: no

```
... text text text  

[[Image:example.jpg|frame|caption]]  

text text text ...
```



caption

text text text text text text text text text text text text text text text text text  
 text text text text text text text text

**thumb or thumbnail**  
 Rendered as a floating  
 block: yes  
 Rendered inline: no

```
... text text text  

[[Image:example.jpg|thumb|caption]]  

text text text ...
```



caption

text text text text text text text text text text text text text text text text text  
 text text text text text text text text  
 text text text text text text text text text  
 text text text text text text text text  
 text

When the height of an image in thumbnail is bigger than its width (i.e. in portrait orientation rather than landscape) and you find it too large, you may try the option `upright`, which will try to adjust its size to a more desirable size by reducing the height instead of the width. The alternative is to specify the desired maximum height (in pixels) explicitly.


Note that by writing `thumb={filename}`, you can use a different image for the thumbnail.

## Size and frame

Among different formats, the effect of the size parameter may be different, as shown below.






- For how it appears when its size is not specified, see [Format](#) section above.
- When the format is not specified, or only `bordered`, the size can be both reduced and enlarged to any specified size.
- In the examples below, the original size of the image is 400 × 267 pixels.
- An image with `frame` always ignores the size specification, the original image will be reduced if it exceeds the maximum size defined in user preferences.
- The size of an image with `thumb` can be reduced, but can not be enlarged beyond the original size of the image.

Format	Reduced	Enlarged
<i>(not specified)</i>	<pre>[[Image:Example.jpg 50px]]</pre>	<pre>[[Image:Example.jpg ]] (no size specified)</pre>
<b>border</b>	<pre>[[Image:Example.jpg border 50px]]</pre>	<pre>[[Image:Example.jpg border ]] (no size specified)</pre>
	<pre>[[Image:Example.jpg frame 50px]]</pre>	<pre>[[Image:Example.jpg frame ]] (no size specified)</pre>

frame		
thumb	<pre>[[Image:Example.jpg thumb 50px]]</pre> 	<pre>[[Image:Example.jpg thumb ]] (no size specified)</pre> 
frameless	<pre>[[Image:Example.jpg frameless 50px]]</pre> 	<pre>[[Image:Example.jpg frameless ]] (no size specified)</pre> 

## Horizontal alignment

Note that when using the `frame` or `thumb[nail]` formats, the default horizontal alignment will be `right`.

Description	You type	You get
<b>no horizontal alignment specified, or default alignment</b> Rendered as a floating block: no Rendered inline: yes	<pre>... text text text [[Image:example.jpg 100px caption]] text text text ...</pre>	<pre>text text</pre>  <pre>text text</pre>
<b>specify horizontal alignment as: none</b> Rendered as a floating block: no Rendered inline: no	<pre>... text text text [[Image:example.jpg none 100px caption]] text text text ...</pre>	<pre>text text</pre>  <pre>text text</pre>
<b>specify horizontal alignment as: center</b> Rendered as a floating block: no Rendered inline: no	<pre>... text text text [[Image:example.jpg center 100px caption]] text text text ...</pre>	<pre>text text</pre>  <pre>text text</pre>
<b>specify horizontal alignment as: left</b> Rendered as a floating block: yes Rendered inline: no	<pre>... text text text [[Image:example.jpg left 100px caption]] text text text ...</pre>	<pre>text text</pre>  <pre>text text</pre>
<b>specify horizontal alignment as: right</b> Rendered as a floating block: yes Rendered inline: no	<pre>... text text text [[Image:example.jpg right 100px caption]] text text text ...</pre>	<pre>text text</pre>  <pre>text text</pre>

## Vertical alignment

The vertical alignment options take effect only if the image **is** rendered as an inline element and **is not** floating. They alter the way the inlined image will be vertically aligned with the text present in the same block before and/or after this image on the same rendered row.

Note that the rendered line of text where inline images are inserted (and the lines of text rendered after the current one) may be moved down (this will increase the line-height conditionally by additional line spacing, just as it may occur with spans of text with variable font sizes, or with superscripts and subscripts) to allow the image



external link	<pre>... text text text [[Image:example.jpg link=http://wikipedia.org/wiki/Test caption]] text text text ...</pre>	 <p>text text</p>
no link (external or file page)	<pre>... text text text [[Image:example.jpg link= caption]] text text text ...</pre>	 <p>text text</p>

**Warning :**

The licencing requirements on your wiki may not allow you to remove all links to the description page that displays the required authors attributions, the copyrights statements, the applicable licencing terms, or a more complete description of the rendered image (including its history of modifications).

If you change or remove the target link of an image, you will then have to provide somewhere else on your page an explicit link to this description page, or to display the copyright and author statement and a link to the applicable licence, if they are different from the elements applicable to the embedding page itself.

Your wiki policy may restrict the use of the alternate link parameter, or may even enforce a prohibition of alternate link parameters for embedded media files (in which case, the link parameter will be ignored), or may only accept them after validation by authorized users or administrators.

## Rendering a gallery of images

**⚠ This feature is supported in JAMWiki version 1.1.0+.**

### Gallery syntax

It's easy to make a gallery of thumbnails with the <gallery> tag. The syntax is:

```
<gallery>
Image:file_name.ext|caption
Image:file_name.ext|caption
{...}
</gallery>
```

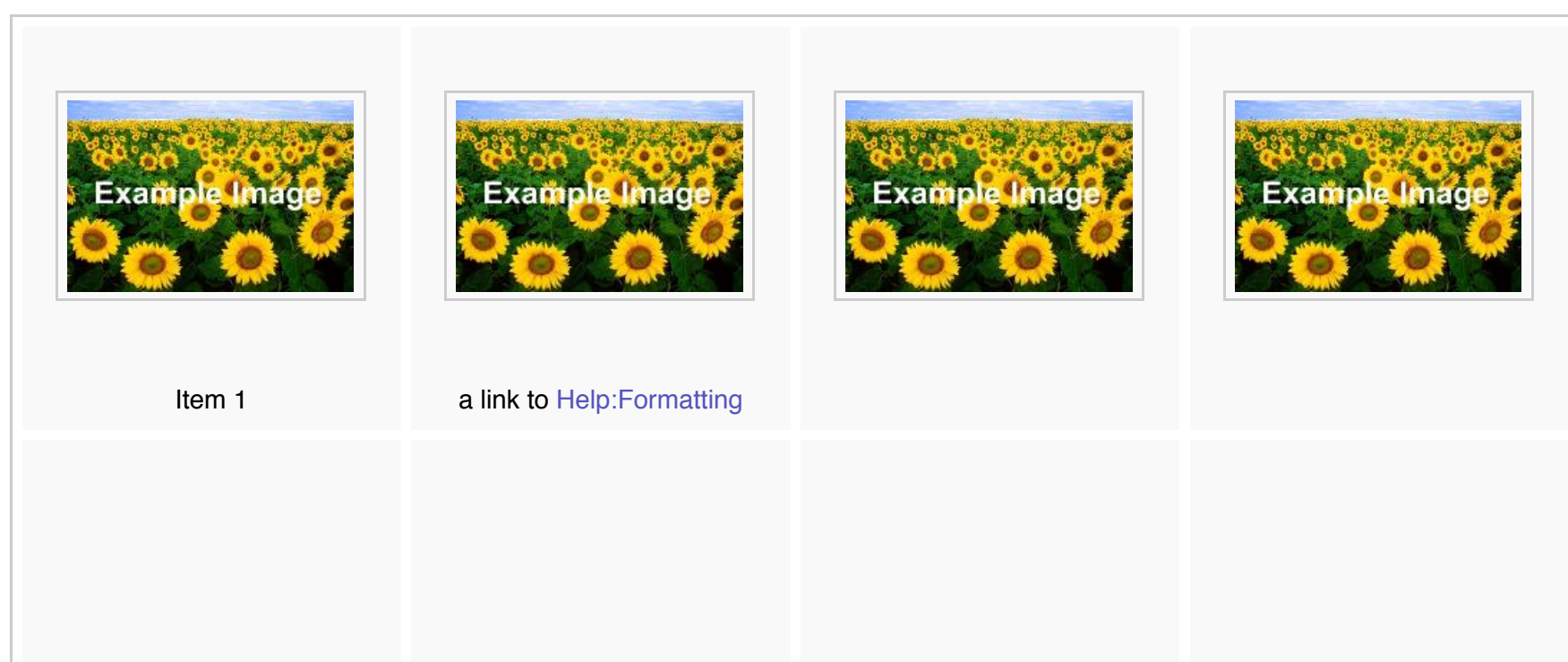
Note that the image code is not enclosed in brackets when enclosed in gallery tags.

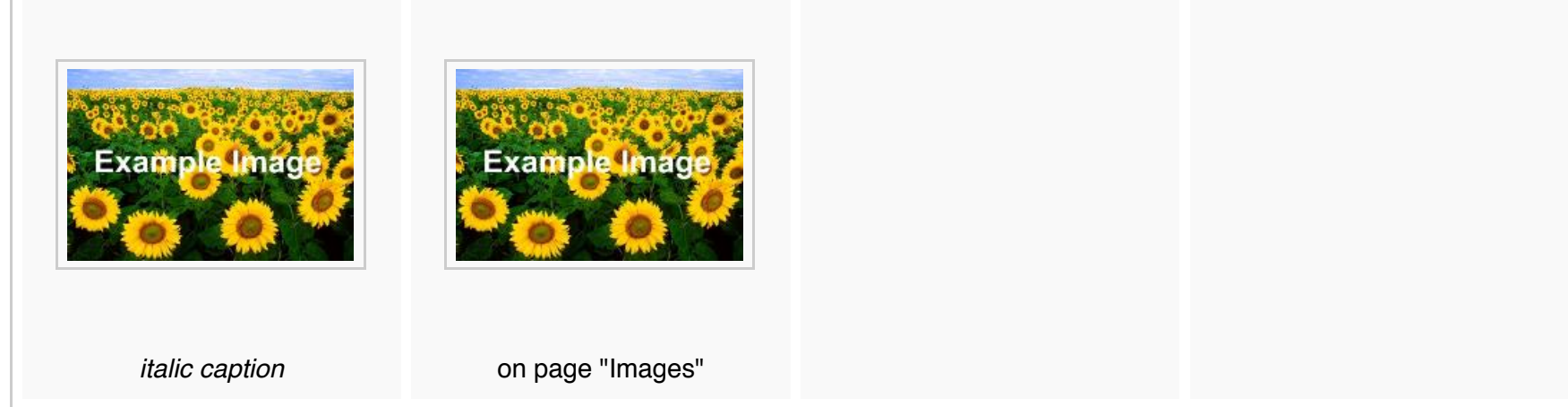
Captions are optional, and may contain wiki links or other formatting.

for example:

```
<gallery>
Image:Example.jpg|Item 1
Image:Example.jpg|a link to [[Help:Formatting]]
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg| ''italic caption''
Image:Example.jpg|on page "{{PAGENAME}}"
</gallery>
```

is formatted as:





## Optional gallery attributes

The gallery tag itself takes several additional parameters, specified as attribute name-value pairs:

```
<gallery {parameters}>
{images}
</gallery>
```

- `caption={caption}`: sets a caption on the gallery.
- `widths={width}px`: sets the widths of the images, default 120px. *Note the plural, widths*
- `heights={heights}px`: sets the (max) heights of the images.
- `perrow={integer}`: sets the number of images per row.

Example:

Coding:

```
<gallery widths=60px heights=60px perrow=7 caption="sunflowers are groovy">
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
Image:Example.jpg
</gallery>
```

Result:



## Linking to an image without displaying it

### Link to description page

If you put a colon (:) before `Image:`, the image will not be embedded and the link will lead to the description page of the file.

```
[[ :Image:Example.jpg]]
[[ :Image:Example.jpg|Sunflowers]]
```

results in

[Image:Example.jpg Sunflowers](#)

### Link to another page

**Note:** link **does not work with thumb or frame**.

This will make a 50px width picture with a link to the page [JAMWiki](#):

```
[[ Image:Example.jpg|50px|link=JAMWiki]]
```



### Link directly to the media file

You can use the pseudo-namespace "Media" to link directly to a file without rendering it, bypassing the description page.

```
[[ Media:Example.jpg]]
[[ Media:Example.jpg|Sunflowers]]
```

results in

[Media:Example.jpg Sunflowers](#)

The same result can be achieved by adding a colon before the namespace (works with categories too):

```
[[ :Image:Example.jpg]]
```

You can also use:

```
{{filepath:Example.jpg}}
```

which can be used to link to a potential file, even if it doesn't exist. You can also use:

```
{{FILEPATH:Example.jpg}}
```

which generates an external URL to the file inline: <http://jamwiki.org/files/en/2011/1/Example-18120507.jpg>

## Requisites

Before using images in your page, the system administrator of your wiki must have enabled file uploads and a user has to [upload the file](#).

## Files at other websites

You can link to an external file available online using the same syntax used for linking to an external web page. With these syntaxes, the image will not be rendered, but only the text of the link to this image will be displayed.

```
[http://url.for/some/image.png]
```

Or with a different displayed text:

```
[http://url.for/some/image.png link text here]
```

Additional wiki markup or HTML/CSS formatting (for inline elements) is permitted in this displayed text (with the exception of embedded links that would break the surrounding link):

```
[http://www.example.com/some/image.png Example '''<del>rich</del>''' '''<ins>link text</ins>''' here.]
```

which renders as: [Example ~~rich~~ \*link text here\*](#).

Categories: [User Documentation](#)