

# HelpOnActions

- [AttachFile](#)

# AttachFile

Please edit system and help pages  
ONLY in the master wiki!

For more information, please see  
MoinMoin:MoinDev/Translation.

```
##master-page:Unknown-Page ##master-date:Unknown-Date #acl -All:write Default #format wiki  
#language en = Attach File Action = == Disabling the AttachFile action ==
```

The `AttachFile` action lets a page have multiple attached files.

Since file uploads could be abused for DoS (Denial of Service) attacks, `AttachFile` is an action that can be disabled by the wiki administrator. See [\[\[HelpOnConfiguration#file-attachments|Configuration of MoinMoin\]\]](#) for details.

== Creating attachments ==

To create a new attachment, you can either add an attachment link to any page (see below on how to do that), or click on the `AttachFile` link at the bottom of the page. In the first case, you will see an `Upload new attachment` link after saving the page. Clicking on it will lead you to the upload page, just like directly clicking on the `AttachFile` link.

The upload form consist of two fields. In addition to the file input there is an optional field (`Rename to`), used to give the file a different name than on your own computer.

Existing attachments may be viewed, downloaded, or removed, depending on the configuration of the wiki and the access rights of the user. For example, an attachment cannot be deleted if the user doesn't have the `delete` permission on the particular page.

Any upload or deletion of attachments is reflected on RecentChanges and thus subject to peer review. Unlike page changes, there is no history though, so "keep a local copy of files" so you can revert possible vandalism.

== Listing and information about attachments ==

Two macros are defined which give information about attachments on a page. The {{{<<AttachInfo>>}}} macro gives a short sentence about any attachments:

<<AttachInfo>>

The {{{<<AttachList>>}}} macro lists files attached to a page:

<<AttachList>>

It has three optional parameters:

- <<AttachList(pagename)>> lists the attachments of the page with the given pagename.
- <<AttachList(pagename,mimetype)>> lists the attachments of that page, but only those that have the given mimetype.
- <<AttachList(,mimetype)>> lists attachments of the current page that are of the given mimetype.
- <<AttachList(,searchterm)>> lists attachments of the current page that match a search pattern. == Linking to attachments ==

To refer to attachments on a page, use [[attachment:a file with blanks.txt]].

Do "not" use the URL of the [get] link you can see on the attachments upload page, since these links are subject to change and can break easily on reconfiguration of the wiki. To refer to files attached to other pages, use [[attachment:WikiName/filename.ext]].

== Embedding of attachments == If you like to transclude/inline/embed the target, use the {{{attachment:image.png}}} syntax. When using transclusion, some target file types might get pretty rendering (e.g. syntax highlighting), depending on the support moin has for that mimetype.

== Editing vector drawings ==

An embedding looking like {{{drawing:picturename}}} will allow you to "interactively" edit vector diagrams via the built-in Java applet. The applet will then store three attachments, "picturename.draw", "picturename.png" and "picturename.map". After you first saved a drawing, the generated PNG picture is displayed for the {{{drawing:picturename}}} markup. The MAP is used to activate parts of the image as links. This means that you only need Java enabled for editing, while displaying the results works with any browser.

To edit a drawing after the first save, click on AttachFile and use the [edit] link that is displayed instead of [view] for the .draw attachment. You can also click on the invisible 5 pixel border around the picture to reach the edit mode. Saving a drawing is reflected in RecentChanges.

/!\ Note: the applet is not WikiName sensitive. You need to supply actual (either relative or absolute) URLs as links.

/!\ Note: drawings containing non-ascii characters in their name are not supported currently.

For details on using the drawing applet, see TWiki:Plugins/TWikiDrawPlugin.

== Installing packages == See HelpOnPackageInstaller.

== Unzipping files == To get access to the unzip feature you need the following rights on the page:

- read
- write
- delete

e.g. {{{ #acl UserName:admin,read,write,delete All:read }}}}

We implemented some protection for the server against abuse of this feature. Zip files in a Zip file are dropped by unzipping them. By definition of the configuration option {{{unzip\_attachments\_space}}}, only this total amount of bytes can be used to unzip files. If there are already files in the directory, the amount of them are subtracted from this number. The size of a single file in the archive which will be extracted can be limited using the configuration option {{{unzip\_single\_file\_size}}}. By {{{unzip\_attachments\_count}}} you could restrict the number of files which are extracted from the zip file.

The rules for unzipping are implemented in the same way as for uploading one file. It is not allowed to overwrite an existing file by unzipping a file.

By unzipping a zip file only files from the first layer are unzipped. Files in directories are ignored.

A valid zip file could be created this way:

{{{ zip example.zip \*.jpg }}}}

=== Uploading a zip file === After you have uploaded a zip file, you can see the {{{unzip}}} link. {{{attachment:unzip1.png}}}

=== No rights to unzip === If you have not enough rights, you only see the usual dialogue. {{{attachment:unzip7.png}}}

=== Not enough free space free === If the resulting unpacked files exceed the limit of filespace for attachments, you get this warning. {{{attachment:unzip2.png}}} "This behaviour is controlled by the variable:" {{{unzip\_attachments\_space}}}

=== Successfully unzipped === {{{attachment:unzip3a.png}}} <<BR>> {{{attachment:unzip3b.png}}}

=== Extracted files would be too large === If a file in the archive exceeds the defined {{{unzip\_single\_file\_size}}} then it is not unzipped. {{{attachment:unzip5.png}}}

= move a file = A "move" action link will be shown for each attachment file if you have "delete" rights on the wiki page it is attached to.

{{attachment:move\_example1.png}}

Just click on "move" to get to this dialogue:

{{attachment:move\_example2.png}}

Now you can either just rename the file (keeping it attached to the current page) or move the file to a different page (and even rename it, if you like). You need "write" rights on the target page (and the target page must be an already existing page).