

NAME

wikiup – upload content to a topic on a Foswiki or TWiki site.

SYNOPSIS

wikiup [options] destination files...

DESCRIPTION

wikiup attaches one or more files to a topic on a site running Foswiki or TWiki. The user must specify the destination topic, the files to upload, and, if required, credentials to access the site. Currently, only browser based Basic authentication is supported.

Customized values for parameters may be specified in a configuration file, which contain multiple profiles (either for different wiki sites, or for different ways of uploading to the same site).

Options And Arguments*Arguments*

The required arguments (which typically follow any options on the command line) are:

destination

Either the topic view URL or the topic path (see “Specifying the destination topic”).

files

One or more files to upload.

Options

Options may be abbreviated. Options which take values may be separated from the values by whitespace or the “=” character.

–w *integer* | --segment=*integer*

The number of components preceding the web name in a “shortened” URL.

–c *comment* | --comment=*comment*

The comment to be associated with the uploaded files.

–f *filename* | --config=*filename*

Use an alternative configuration file.

–k Ignore upload errors and plow on ahead.

–p *profile* | --profile=*profile*

Use the specified profile.

–u *username* | --user=*username*

The wiki username. If not specified the user will be prompted.

--bin_path *upload path*

The upload path relative to the Wiki’s base url. **wikiup** usually figures this out on its own, but may get it wrong if the wiki is using “shortened” URLs. It falls back to /bin/upload.

–a *attrs* | --attr=*attrs*

Specify a comma separated list of attributes. For example,

--attr=show,link

See “Upload Attributes” for more information.

–r | --rename

Treat the list of files to be uploaded as a list of *pairs* of files. The first element in the pair is the filename as it exists on disk, the second is the filename as it should be reported to the wiki. See “Renaming uploaded files” for more information.

–t *perlexpr* | --transform *perlexpr*

The filenames reported to the wiki will be transformed using the supplied Perl expression, which should modify the \$_ Perl variable. See “Renaming uploaded files” for more information.

- `-i | --interactive`
Prompt before uploading each file.
- `-s seconds | --sleep seconds`
Sleep the specified number of seconds between uploads to reduce load and avoid blacklisting.
Defaults to 5 seconds.
- `-n | --dryrun`
List which files will be uploaded, but don't actually upload anything.
- `-v | --verbose`
Be verbose about what's happening. Repeating the option increases the verbosity.
- `--usage`
Output very short usage information and exit.
- `-h | --help`
Output short usage information and exit.
- `--man`
Output full usage information and exit.

Specifying the destination topic

How you specify the destination topic path (e.g. `Web/Topic`) depends in part on how your wiki server is configured. The URL used to view a topic will typically have one of the following forms:

- a “standard” URL
`http://server.name/wiki/<bin>/<view>/<topic path>`
Note that `<bin>` may be `bin` or `cgi-bin`, and `<view>` may be `view` or `view.cgi`.
- a “shortened” URL
`http://server.name/wiki/<topic path>`

You can specify the destination in one of the following ways:

1. Specify the URL in a profile in the configuration file:

Create a profile in your `$HOME/.wikiuprc` configuration file with the base url:

```
[ mywiki ]
url = http://server.name/wiki
```

When you use the `-p` option and the profile has a URL, **wikiup** will treat the destination provided on the command line as a topic path.

```
wikiup -p mywiki Web/Topic ...
```

If you forget to put the URL in the configuration file, **wikiup** will treat the command line destination as a full URL, which won't work.

2. Use a “standard” view URL:

If the wiki site uses the “standard” form of the view URL, you can cut and paste the view URL from your browser:

```
wikiup http://server.name/wiki/bin/view/Web/Topic ...
```

wikiup can usually figure out the topic path. If it can't it'll stop and output an error. Please report this as a bug. You can work around this bug using approach 1 above.

3. Use a “shortened” view URL:

If the wiki site uses the “standard” form of the view URL, you can cut and paste the view URL from your browser.

Unfortunately in this case **wikiup** can't reliably figure out where the topic path begins. There are two

ways to tell it:

1. You can use the **-w** option to tell it the number of segments (after the server name) which precede the topic path in the URL. For example,

```
wikiup -w 1 http://server.name/wiki/Web/Topic ...
```

2. Create a profile in the configuration file with the base URL:

```
[ mywiki ]
url = http://server.name/wiki
```

and specify the shortened URL

```
wikiup http://server.name/wiki/Web/Topic ...
```

This works because **wikiup** will try to match against the URL's in profiles if it can't figure out the topic path from the view URL.

Authentication

If the Wiki requires authentication, the user must specify a username and password. If they are not provided via the command line or the configuration file, the user will be prompted. For security reasons, it is not possible to specify the password on the command line.

Profile Matching

If a profile is not specified via the **-p** option, **wikiup** will try to select one in the user's configuration file by matching on the base wiki URL.

Upload Attributes

Upload attributes indicate additional actions that can be performed during the upload. They may be specified via the **--attrs** option or in the configuration file.

show | hide

These attributes indicate whether the uploaded files should be shown in the attachment table.

link | no-link

These attributes indicates whether a link to the attachment should be added in the topic text.

CONFIGURATION FILE

wikiup's behavior can be customized using a configuration file. The configuration file must be readable only by the user (because it may contain passwords); if not, **wikiup** will exit with an error message.

A configuration file may contain multiple profiles (either for different wiki sites, or for different ways of uploading to the same site).

Configuration file format

Lines which begin with # are ignored. Lines which have the form

```
variable = value
```

define configuration variables, and lines which have the form

```
[ profile_name ]
```

define a new profile. Variable definitions which follow a profile definition are part of that profile until a new profile is defined.

Variable definitions which *precede* profile definitions are used as defaults.

To unset a variable in a profile (e.g. to discard the default value), set it to an empty value.

Variables

The following variables are recognized:

url

The base URL for the wiki site.

user

The wiki user name used to authenticate with the wiki server

password

The password used to authenticate with the wiki server

profile

Specify the default profile. Only useful in the default section of the configuration file.

read_root_config

If present in the default section of a configuration file, it causes the root configuration file (*\$HOME/.wikiuprc*) to be read. (This has no effect if it's in the root configuration file.)

web

The web to which to upload the files. This has meaning only if the `url` variable is also specified. If this is specified, the command line destination should be the topic name, without a web.

sleep

The number of seconds to sleep between uploads.

transform

See the `--transform` option.

bin_path

The path (relative to the base URL) of the upload command. By default it is `/bin/upload`.

Specifying Upload Attributes

Upload attributes are specified in the same manner as variables. Set them to 1 to enable them, 0 to disable them.

Configuration file location

By default **wikiup** will first look in the current directory for *.wikiuprc*. If that is not present, or if the `read_root_config` variable is set it will look for *\$HOME/.wikiuprc*. **wikiup** can be persuaded to look elsewhere with the `-f` option.

Configuration File Examples

```
# Mickey Mouse has the same username and password on most sites
```

```
user = MickeyMouse
```

```
password = SqueakSqueak
```

```
# Hide attachments and don't create links to them
```

```
hide = 1
```

```
link = 0
```

```
# these are "shortened" URL sites; specify the URL so automatic
```

```
# profile recognition works
```

```
[ site1 ]
```

```
url = http://site1/wiki
```

```
[ site2 ]
```

```
url = http://site2/wiki
```

```
# reset the password so as to force password prompting for this site
```

```
[ site3 ]
```

```
url = http://site3/wiki
```

```
password =
```

EXAMPLES

Renaming uploaded files

Foswiki and TWiki currently only allow a topic to include an attached file (via `%INCLUDE{ "%ATTACHURL%/filename" }%`) if it ends in `.txt` or `.html`. **wikiup** supports two means of changing the name that is reported to the wiki server, so that the user doesn't have to rename the file prior to uploading it.

- Use the `--rename` option:

`--rename` instructs **wikiup** to treat the list of files to be uploaded as a list of *pairs* of files. The first element in the pair is the filename as it exists on disk, the second is the filename as it should be reported to wiki. For example,

```
wikiup -p mysite -r Web/Topic file1.fit file1.fit.txt file2.x file2.txt
```

will upload *file1.fit* as *file1.fit.txt* and *file2.x* as *file2.txt*.

- Use the `--transform` option:

This is a more advanced technique which uses a Perl expression to transform the file name. It is most useful when uploading a number of files using a shell glob pattern, as in

```
wikiup -p mysite Web/Topic foo.*
```

The Perl expression should modify the `$_` Perl variable. Here are a couple of examples:

Rename all files ending in `.fit`, changing it to `.txt`, using Perl regular expressions:

```
-t 's/.fit$/ .txt/'
```

Append `.txt` to all files ending in `.fit`.

```
-t '/.fit$/ and $_ .= ".txt"'
```

```
-t 's/(.*.fit)/$1.txt'
```

FILES

`$HOME/wikiuprc`

The user's configuration file.

BUGS

None reported.

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