

PluginWikiTeX

This plugin allows you to insert [LaTeX](#) code in your wiki and have it displayed as an image. With [WikiTeX](#) you can use math notation but also write music and chess schemes and much more!

Syntax example:

```
{TEX(type=>math) \LaTeXe {TEX}}
```

[other examples](#) are [here](#)

Installation

[Download WikiTeX](#) and extract it to `tiki/lib/extensions/wikitex/`. Then put the file attached to this page in `tiki/lib/wiki-plugins/`.

WikiTeX need latex to work, read WikiTeX's [readme](#) to know what you have to install to be able to use the extensions you want.

Be sure that your php configuration allows you to use the php function `shell_exec`. If you are in `safe_mode` you can substitute it by `exec` (in `wikitex/wikitex.php`) and eventually move `wikitex.sh` the script to be executed in your `safe_mode_exec_dir` directory. And make sure that php can write in `tiki/lib/extensions/wikitex/tmp/`.

You may want to put an `index.php` file in `tiki/lib/extension/` and in `tiki/lib/extension/wikitex/` like the one you find in `tiki/lib/` and a `.htaccess` file containig

```
<Files *>
    order deny,allow
    deny from all
</Files>
```

to deny access, but you must allow access to `tiki/extensions/wikitex/tmp/` by putting in it a `.htaccess` file like this one

```
<Files *>
    order deny,allow
    allow from all
</Files>
```

If there are extensions that you don't want to use you can comment them out from `wikitex/wikitex.inc.php` You can also write your own extensions to WikiTeX by following it's documentation.

Beware that using latex may cause security issues - read wikitex's doc!

In effects `))WikiTeX((` limits the commands that can be passed to latex.

Also note that `wikitex` mantains his own cache of images in `wikitex/tmp/` (you may want to delete them sometimes)