

## htaccess

The .htaccess-file is mainly separated in two parts

1. some php/apache-settings
2. rewrite rules for [SEFURLs](#)

The second part, the search engine friendly URLs and rewrite rules, are described in [Rewrite Rules](#). See there for more information.

To activate

Tiki bundles a file named `_htaccess`. You should **copy** it to `.htaccess`

Alternatively, on Linux, you can make a symlink.

---

```
ln -s _htaccess .htaccess
```

## PHP Settings

In some cases it is possible to overwrite some values from the `php.ini` file given by your ISP, by means of a file `php.ini` in the tiki root folder, or by means of some changes in the `.htaccess` file in the tiki root folder also. In this second case, place your special `.htaccess` file in the tiki root directory or just rename the `_htaccess` file given by Tiki to `.htaccess` and make your changes. You can visit `tiki-phpinfo.php` to check whether or not your changes were successful.

## PHP Version

One of the critical settings is the PHP version that should correspond to the Tiki version you are using. (see [https://doc.tiki.org/Requirements#PHP\\_](https://doc.tiki.org/Requirements#PHP_)). It is possible in some case to have several PHP versions installed on your host/server and you may need to set a different one than the default version used. You can change the value for a specific Tiki in the `.htaccess` file:

### Values in .htaccess by default

```
# Option 2: PHP7 #AddType application/x-httpd-php7 .php #AddHandler application/x-httpd-php7 .php
```

Some shared host may use a different setup and require a different path for the PHP version you need. Please check with your server Admin or the company that manages it.

### Example of specific shared host value

```
AddType x-httpd-php72 .php
```

## PHP Memory Limit

Another important setting is the php memory limit. The maximum amount of memory a script may consume. On many shared hosts this variable is set to 64MB. Tiki runs fine with 64MB but depending on your special needs and options it is necessary to uncomment and increase this value to 128MB. (which is the default value on recent PHP versions)

---

```
# memory limit php_value memory_limit 256M
```

## Error Display

To display php errors on your display activate / uncomment this setting. Error output is very useful during development, but it could be very dangerous in production environments. Depending on the code which is triggering the error, sensitive information could potentially leak out of your application such as database usernames and passwords or worse.

---

```
# to activate the error display, uncomment the following line php_flag display_errors on # to set the
error_reporting level, uncomment the following line. Values are explained here:
http://www.php.net/manual/en/errorfunc.constants.php php_value error_reporting E_ALL
```

## Execution Time

PHP uses a default script execution time of 30s before a script is terminated by the server. In some cases with huge wiki pages with many plugins it's necessary to increase the execution time to 90s

---

```
# increase execution time (default value in php use to be 30, and in some cases of long wiki pages with
many plugins it may take longer) php_value max_execution_time = 90 ; Maximum execution time of
each script, in seconds php_value max_input_time = 90 ; Maximum amount of time each script may
spend parsing request data
```

## Maximum File and Post Size

The maximum allowed size for uploaded files and maximum size of POST data that PHP will accept.

---

```
# increase the maximum file size for uploads allowed by php for Tiki (default value in apache use to be
2M which is usually too low for pdf or documents with some images, screenshots, etc) php_value
upload_max_filesize 10M php_value post_max_size 11M
```

## Include Path

---

```
# In some cases you may see open_basedir warnings about Smarty accessing php files that it shouldn't
# The following line (uncommented) will reset the include path to use only Tiki's files which will solve
this in most cases php_value include_path ""
```

Also see [latest default htaccess from code base](#)

.htaccess content for 24.x

---

```
# $Id$ [This line is used to check that this configuration file is up # to date. Do not edit this line and
leave it as the first line.] # # These are suggested configuration directives for use with Tiki. # They
enhance security and permit clean URLs. # In your Tiki instance, visit tiki-admin.php?page=sefurl to
```

make Tiki use clean URLs in generated links. # # The .htaccess file may be enabled in number of different ways (in order of the most to the least recommended): # Option 1: Let the installer handle it. # Option 2: Create a symbolic link from .htaccess to \_htaccess. This will keep the configuration up-to-date. # Option 3: Copy \_htaccess to .htaccess. Note : Do not move (rename) \_htaccess, it is required (used internally) by some Tiki features (like SEFURL). # Option 4: Add the content of this file to your httpd.conf. # The last two options should be repeated when the reference \_htaccess file changes (when upgrading Tiki). # # DEVELOPERS: This configuration must be kept synchronized with the configuration for other Web servers. # See

```
http://dev.tiki.org/Operating+System+independence#Keep_web.config_and_.htaccess_synchronized #
-- Prevent Browsing of Certain File Extensions -- # <FilesMatch
"\.(bak|inc|lib|sh|tpl|sql|shtml|asp|xml|.dist)$"> <IfModule mod_authz_core.c> Require all denied
</IfModule> <IfModule !mod_authz_core.c> order deny,allow deny from all </IfModule>
</FilesMatch> # -- Prevent Browsing of Certain File Names -- # <FilesMatch
"(changelog\.txt|_htaccess|README|INSTALL|web_config|copyright\.txt|composer\.*)"> <IfModule
mod_authz_core.c> Require all denied </IfModule> <IfModule !mod_authz_core.c> order deny,allow
deny from all </IfModule> </FilesMatch> <IfModule mod_dir.c> # -- Home Page Feature -- # #
Option 1: (recommended) Not using home page feature. DirectoryIndex index.php # Option 2: If using
home page feature you may avoid the home page name being appended to the url by using this option.
#DirectoryIndex tiki-index.php index.php </IfModule> # -- Ensure Caching Proxy Sends Content to
Correct Client -- # # In some distributions of Apache (e.g. Wampserver 2.5) you may also need to
enable mod_filter as well for this to work. #<IfModule mod_filter.c> <IfModule mod_deflate.c>
<IfModule mod_headers.c> # Make sure proxies don't deliver the wrong content. Header append Vary
User-Agent env=!dont-vary </IfModule> AddOutputFilterByType DEFLATE text/css text/x-component
application/x-javascript application/javascript text/javascript text/x-js text/html text/richtext
image/svg+xml text/plain text/xsd text/xsl text/xml image/x-icon application/json <IfModule
mod_mime.c> # DEFLATE by extension. AddOutputFilter DEFLATE js css htm html xml svg
</IfModule> </IfModule> #</IfModule> # -- Client Cache Method -- # # Google wants either Last-
Modified or ETag. Using ETags will improve the YSlow scores. # Option 1: recommended FileETag
none <IfModule mod_headers.c> # -- httpoxy mitigation -- # RequestHeader unset Proxy early #
Option 2: #Header unset ETag # -- Client Cache Expiration -- # # Google suggests to use Expires in
favour of Cache-Control. # Option 1: (recommended) Header unset Cache-Control #Option 2: #Header
unset Expires # -- Persistent Connections -- # # Allow multiple requests to be sent over the same TCP
connection. Enable if you serve a lot of static content # but, be aware of the possible disadvantages! #
Read more: http://httpd.apache.org/docs/current/en/mod/core.html#keepalive #Header set Connection
Keep-Alive # -- CORS-enabled Images (@crossorigin) -- # Send CORS headers if browsers request
them; enabled by default for images. # Read more: developer.mozilla.org/en/CORS_Enabled_Image #
Read more: blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html # Read more:
hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/ # Read more:
wiki.mozilla.org/Security/Reviews/crossoriginAttribute <IfModule mod_setenvif.c> # Mod_headers, y u
no match by Content-Type?! <FilesMatch "(?i)\.(gif|png|jpe?g|svgz?|ico)$"> SetEnvIf Origin ":"
IS_CORS Header set Access-Control-Allow-Origin "*" env=IS_CORS </FilesMatch> </IfModule> # --
Webfont Access -- # # Allow access from all domains for webfonts. # Alternatively you could whitelist
your subdomains like "subdomain.example.com". <FilesMatch "(?i)\.(ttf|ttc|otf|eot|woff2?)$"> Header
set Access-Control-Allow-Origin "*" </FilesMatch> # -- Enable video/audio seek -- # Header set Accept-
Ranges bytes </IfModule> # -- Expires Headers -- # # If the site is in active development, you may
want to comment out this section. <IfModule mod_expires.c> <FilesMatch
"(?i)\.(gif|png|jpe?g|svgz?|ico)$"> ExpiresActive on ExpiresDefault "access plus 1 month"
</FilesMatch> <FilesMatch "(?i)\.(js|css)$"> ExpiresActive on ExpiresDefault "access plus 1 month"
</FilesMatch> </IfModule> <IfModule mod_rewrite.c> # More information:
http://doc.tiki.org/Rewrite+Rules RewriteEngine On # -- Tiki Root -- # # You need to customize the
RewriteBase value below if Tiki is installed in a subdirectory of your web root. # The value needs to
match the subdirectory name that Tiki is installed in. # You will get errors otherwise. e.g. "The
requested URL /absolute/path/tiki-index.php was not found on this server" #RewriteBase /tiki # --
```

Redirect Missing Directories To Homepage -- # # Prevent broken pages and slow upload times. e.g., try yourdomain.com/bogus/ or yourdomain.com/tiki/bogus/ # The below may not work in all configurations depending on redirects already in place. # If directories containing other programs are legitimate (e.g. when Tiki is installed in a subdirectory), then modify and enable the following line. #RewriteCond %{REQUEST\_URI} !(!/otherokaydirectory/) # If Tiki is installed in the web root and your home page is named HomePage, then enable this. #RewriteRule ^(.+[^/])\$ /HomePage [R=301,L] # If Tiki is installed in a subdirectory of the web root, then customize and enable it below. #RewriteRule ^(.+[^/])\$ /tiki/HomePage [R=301,L] # -- Legacy Template Image Locations -- # # Since Tiki9, image locations have changed. If your custom template links to these images enabling these # options may fix your broken images. # The preferred solution is to change the directory paths in your custom template. # Read more: <http://dev.tiki.org/ImgDirectoryRevamp> #RewriteRule ^img/icons2/(.\*)\$ img/icons/\$1 #RewriteRule ^pics/large/(.\*)\$ img/icons/large/\$1 #RewriteRule ^img/mytiki/(.\*)\$ img/icons/large/\$1 #RewriteRule ^pics/(.\*)\$ img/\$1 #RewriteRule ^images/(.\*)\$ img/icons/\$1 # Redirect drawio requests to the correct path RewriteRule ^img/lib/(.\*)\$ vendor/tikiwiki/diagram/img/lib/\$1 [NC,L] # -- Apache Authorization Header -- # # Rewrite rules for passing authorization with Apache running in CGI or FastCGI mode RewriteCond %{HTTP:Authorization} ^(.\*) RewriteRule ^(.\*) - [E=HTTP\_AUTHORIZATION:%1] # -- Prevent HTTP TRACE method -- # RewriteCond %{REQUEST\_METHOD} ^TRACE RewriteRule .\* - [F] # -- Disallow access to hidden files (apart from well-known ones) -- # RewriteRule "(^|/)\.(?!well-known/)" - [F,L] # Redirect robots.txt to dynamic tiki-robots.php file. RewriteRule ^robots\.txt\$ route.php [L] # -- If the URL Points to a File Then do Nothing -- # RewriteCond %{REQUEST\_FILENAME} -s [OR] RewriteCond %{REQUEST\_FILENAME} -l [OR] RewriteCond %{REQUEST\_FILENAME} -f [OR] RewriteCond %{REQUEST\_FILENAME} -d RewriteRule (.\*) - [L] # -- CalDAV/CardDAV service auto-discovery -- # RewriteRule ^.well-known/caldav\$ tiki-caldav.php [R=301,L] RewriteRule ^.well-known/carddav\$ tiki-carddav.php [R=301,L] # -- Profiles Repository -- # # Set the parentId (here set as 1) to the Id of the category containing your profile pages. # Enable feature\_wiki\_export, feature\_wiki and feature\_categories in your Tiki settings. # Enable tiki\_p\_view\_category and tiki\_p\_export\_wiki in Tiki for anonymous to be a repository. # Read more: <http://doc.tiki.org/Profiles> #RewriteRule ^profiles\$ tiki-browse\_categories.php?find=&deep=on&type=wiki+page&parentId=1&sort\_mode=name\_asc&plain&maxRecords=1000000 [L] # -- Plain Text Sitemap SEO -- # # Makes a short link to a list of objects to export as a plain text sitemap. # Set the parentId (here set as 2) to the id of a category containing the objects you wish to be # crawled by search engines. #RewriteRule ^sitemap.txt\$ tiki-browse\_categories.php?find=&deep=on&type=wiki+page&parentId=2&sort\_mode=name\_asc&links&maxRecords=1000000 [L] # -- RSS Feeds -- # # Example rewrite rule to use the search as a simple RSS feed #RewriteRule feed-(.\*)\.rss tiki-searchindex.php?httpaccept=application%2Frss%2Bxml&filter~content=\$1 [QSA,L] # If you use session\_protected and want to use apache monitoring you may get "certificate verify failed" errors on https://127.0.0.1/server-status # If so, uncomment this line which will route these requests straight to apache and so not get forced into https # RewriteRule ^server-status.\* - [L] # -- Tiki URL Rewriting -- # # Read more: <https://dev.tiki.org/URL+Rewriting+Revamp> RewriteRule .\* route.php [L] # -- Tiki Username Link -- # # Option 1: Exact Match. # Access a link to any user by providing its username e.g www.yourtiki.me/u:myusername. #RewriteRule ^u:([A-Za-z0-9]+) tiki-view\_tracker\_item.php?user=\$1&view=+user [QSA,L] # Option 2: String Match. # Adapt with your user tracker id and user selector field id #RewriteRule ^u:([A-Za-z0-9]+) tiki-view\_tracker.php?trackerId=1&filterfield=3&filtervalue\{3\}=\$1 [QSA,L] </IfModule> # -- Prevent Directory Browsing -- # # Some shared hosting environments block options, so first check if the module is enabled <IfModule !mod\_dir> Options -Indexes </IfModule> # -- Developer cTag Blocking -- # # This prevents reading of tags file for developers who run ctags on their server. #<Files tags> # <IfModule mod\_authz\_core.c> # Require all denied # </IfModule> # <IfModule !mod\_authz\_core.c> # order deny,allow # deny from all # </IfModule> #</Files> # -- Web Server Auth -- # # Option 1: recommended #AuthType Basic #AuthName "Restricted Access" #AuthUserFile /etc/httpd/passwords #Require valid-user # Option 2: Allows services that POST back to Tiki, but less secure. #<Limit GET>

```

# Require valid-user #</Limit> # -- Apache Error Handling -- # # Tiki can catch some errors and deal
with them by redirecting to a similar page, sending you to the # search, etc. However, some errors do
not reach Tiki and are only caught by Apache (ex.: filenameThatDoesntExist.php). # To make Tiki
handle errors caught by Apache, uncomment some of the following lines and adapt the page names. #
You must create the pages before trying to use them. #ErrorDocument 404 /tiki-
index.php?page=File+not+found #ErrorDocument 500 /tiki-index.php?page=Server+error # --
Permanent Redirects -- # # This is useful if you were using another Web application or static HTML
and you want to avoid broken links. #Redirect 301 /oldpage.html /tiki-index.php?page=newpage # --
Force PHP Version -- # # Tiki requires PHP5.6 - PHP7. If your host doesn't run one of these by default,
it's possible that it can # be activated by trying to enable it here. Check with your host. # Option 1:
PHP5 #AddType application/x-httpd-php5 .php #AddHandler application/x-httpd-php5 .php # Option 2:
PHP7 #AddType application/x-httpd-php7 .php #AddHandler application/x-httpd-php7 .php # -- Pass
User/Object Information to Server Logs -- # #SetEnv TIKI_HEADER_REPORT_ID tikiwiki #SetEnv
TIKI_HEADER_REPORT_USER on #SetEnv TIKI_HEADER_REPORT_OBJECT on #SetEnv
TIKI_HEADER_REPORT_EVENTS on # -- PHP Settings -- # # If possible, it's better to change the
following settings through your php.ini file, or through your webhosting control panel. # Some web
hosts will not allow you to change these setting through the .htaccess file. # If you are not using PHP
as an apache module, the following PHP settings will likely have no effect. # For instance, if you use
PHP-FPM, you will need to create a file named .user.ini and the syntax is a little different. # For
instance, a sample line would be "memory_limit=256M" (without the quotes) # To activate the error
display, uncomment the following line. # Read more
http://php.net/manual/en/errorfunc.configuration.php#ini.display-errors #php_flag display_errors on #
To set the error_reporting level, uncomment the following line. # Read more:
http://php.net/manual/en/errorfunc.configuration.php#ini.error-reporting #php_value error_reporting
E_ALL # Increase memory limit (default is 128M). Use this if you are getting blank pages and/or
strange errors. # Read more: http://php.net/manual/en/ini.core.php#ini.memory-limit #php_value
memory_limit 256M # Increase execution time. # Default value in Apache used to be 30, and in some
cases of long wiki pages with many plugins it may take longer. # Read more:
http://php.net/manual/en/info.configuration.php#ini.max-execution-time #php_value
max_execution_time 90 # This sets the maximum time in seconds a script is allowed to parse input
data, like POST and GET. #php_value max_input_time 90 # Increase the maximum file size for uploads
allowed by PHP. # Default value in Apache used to be 2M which is usually too low for PDF or
documents with some images, screenshots, etc. # Read more:
http://php.net/manual/en/ini.core.php#ini.upload-max-filesize # Read more:
http://php.net/manual/en/ini.core.php#ini.post-max-size #php_value upload_max_filesize 10M
#php_value post_max_size 11M # In some cases you may see open_basedir warnings about Smarty
accessing PHP files that it shouldn't. # The following line (uncommented) will reset the include path to
use only Tiki's files which will solve this in most cases. #php_value include_path "." # Set a character
set #php_value default_charset utf-8 # Timezone # Needed for dates and times to work properly in
PHP. # Option 1: recommended #php_value date.timezone "America/New_York" # Option 2: Set the
apache environment variable #SetEnv TZ America/New_York # If the packages control panel is picking
up the wrong version of php (as seen in the "diagnose" tab) # it might be because the apache PATH
directive is set wrongly, so try something like this: #SetEnv PATH
/opt/local/bin:/opt/local/sbin:/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin

```

## Related Links

- [Check](#)
- [Search engine optimization](#)
- [Rewrite Rules](#)
- [apache](#)
- [Lighttpd Clean URLs](#)
- [Operating System independence](#)

- [php.ini](#)
- [Upload file size](#)
- [Apache Clean URLs](#)
- [php.ini](#)
- <http://www.htaccessredirect.net/>

Alias names for this page:

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[\\_htaccess](#) | [.htaccess](#)