

Console

Tiki Console is to administer your Tiki instance via the command line. It is based on Symfony's Console Component.

You can also use via instance:console in Tiki Manager

Please note that the following information is given for Tiki LTS versions, more commands exists and this list will be updated as the next LTS is released. Source code for next version of Tiki is here:

<https://gitlab.com/tikiwiki/tiki/-/tree/master/lib/core/Tiki/Command>

Type this command in the base directory of your Tiki instance to discover all the commands for your version.

```
php console.php
```

If you want to learn the inner workings, source code is here:

<https://gitlab.com/tikiwiki/tiki/-/tree/27.x/lib/core/Tiki/Command>

```
user@server:/www/tiki$ php console.php Tiki Console Tool Usage: command options arguments Options: -h, --help
Display help for the given command. When no command is given display help for the list command -q, --quiet Do no
output any message -V, --version Display this application version --ansi --no-ansi Force (or disable --no-ansi) ANSI output
-n, --no-interaction Do not ask any interactive question --site=SITE Multi-Tiki instance --as-user=AS-USER Run the
command as a different Tiki user -v|vv|vvv, --verbose Increase the verbosity of messages: 1 for normal output, 2 for
more verbose output and 3 for debug Available commands: completion Dump the shell completion script help
Display help for a command list List commands attachments attachments:migrate Convert legacy wiki attachment
storage to file galleries or vice versa depending on settings. backup backup:files Create a backup of Tiki instance
files build build:generateiconlist Generate theme's iconset cache cache:clear Clear Tiki caches cache:generate
Generate Tiki caches calendar calendar:sync Synchronize calendar subscriptions that are due depending on last syn
date and refresh rate daily-report daily-report:sendd Send daily user reports database database:backup Create a
database backup (with mysqldump) database:configure Database: Configure (write local.php) database:install Clear
Tiki install database:patch Apply a specific database schema patch database:update Update the database to the
latest schema dev dev:buildwsconfs Checks or generate .index.php & .htaccess files. dev:configure Install or update
```

development files dev:fixbom Fix BOM and line endings for all files dev:fixstyle Fix code style of changed files dev:remove Remove Tiki development files faker faker:comments Generate comments fake data faker:tracker Generate tracker fake data files files:batchupload Batch upload files into the file galleries files:check Detect orphan or extra files files:copy Copy files from file galleries to a regular directory on the file system files:deleteold Remove expired files which were uploaded using the deleteAfter option files:index Index files files:move Move files from file galleries to a regular directory on the file system files:sync Synchronize direct mapping mode file galleries from source gallery gallery:migrate Migrate images from the Image Gallery to the File Gallery goal goal:check Reviews all active goals and assigns rewards. index index:catch-up Catch-up on incremental indexing. index:cleanup Deletes unused search indexes to free up space and maintain optimal search performance. index:compare-engines Compare search engine results in wikiplugins index:optimize Optimize the unified search index index:rebuild Fully rebuild the unified search index installer installer:lock Disable the installer installer:unlock Enable the installer list list:execute Performs Plugin ListExecute command on a particular page mail-in mail-in:poll Read the mail-in messages mail-queue mail-queue:send Send the messages stored in the Mail Queue markdown markdown:convert Convert wiki pages between Tiki syntax and Markdown ml ml:train Train a particular machine learning model multitiki multitiki:lis List MultiTikis in a path multitiki:move Moves a MultiTiki site from one tiki instance to another notification notification:digest Send out email notification digests objects objects:export-jsonl Export objects in JSONL format, typically to ingest in a machine learning system objects:notify-maintainers Send out email notification to maintainers for objects whose freshness is greater than the limit package package:clearcache Deletes all content from Composer's cache directories. package:disable Disable a Tiki Package package:enable Enable a Tiki Package package:install Install package package:list List installed/available to install packages package:remove Remove package package:update Update package plugin plugin:approve Approve a list of plugin invocations/calls plugin:list List all plugin invocations/calls plugin:pending Send notification to users who can approve plugin plugin:refresh Parses all the pages to refresh the list of plugin invocations/calls preferences preferences:delete Delete a preference preferences:export Export preferences preferences:get Get a preference preferences:rebuild-index Fully rebuild the preferences index preferences:set Set a preference profile profile:apply Apply a profile profile:baseline Generate the SQL patch to assign profile symbols for an existing installation. profile:export:activity-rule-set Export all activity stream rules into a set profile:export:activity-stream-rule Export an activity stream rule profile:export:all-modules

Export all module definitions profile:export:article Export an article definition profile:export:article-topic Export an article topic definition profile:export:article-type Export an article type definition profile:export:calendar Export a calendar profile:export:category Export a category profile:export:file-gallery Export a file gallery definition profile:export:finalize Clean-up the working profile of intermediate data profile:export:forum Export a forum definition profile:export:goal Export a goal profile:export:goal-set Export all goals into a set profile:export:group Export a group definition profile:export:include-profile Includes references from an other profile as valid objects profile:export:init Initialize profile export for current site. profile:export:menu Export a menu definition profile:export:module Export a module definition profile:export:preference Include a preference within the profile definition profile:export:rating-config Export an advanced rating configuration profile:export:rating-config-set Export all advanced rating configurations into a set profile:export:recent-changes List the recent changes in prevision of export profile:export:rss Export an RSS Feed definition profile:export:tabular Export a tracker import-export format definition profile:export:tracker Export a tracker definition profile:export:tracker-field Export a tracker field definition profile:export:tracker-item Export a tracker item definition profile:export:wiki-page Export a wiki page profile:forget Forget a profile installation recommendation recommendation:batch Identify and send recommendations reportcache reportcache:clear Clean user reports cache rss rss:clear Clear incoming RSS feed cache rss:refresh Refresh incoming RSS feeds scheduler scheduler:heal Heal scheduled tasks scheduler:run Run scheduled tasks security security:vendorcheck Check vendor files against known security issues. sieve sieve:filters Execute defined Sieve filters in Cypht sitemap sitemap:generate Generate sitemap theme theme:install Install a new theme theme:remove Remove a theme theme:update Update a theme tiki tiki:info Displays the Tiki and/or PHP version tiki:stats Display a table with the KPIs tokens tokens:clear Remove expired tokens tracker tracker:clear Clear all items from a tracker without warning or notifications. Use with care! tracker:convert-attachments Convert tracker attachments tracker:export Export a CSV file from a tracker using a tracker import-export format tracker:import Import a CSV file into a tracker using a tracker import-export format or initiate an ODBC import tracker:recalc Recalculate all math fields items from a tracker translation translation:englishupdate Fix English strings after modifying them. translation:export Update language.php translations from the database translation:getstrings Update language.php files with new strings translation:percentage Get the translation percentage for each language.php file users users:create Create a new user users:list Display the list of users in the system

users:password Set the password to a given user users:remove-cookies Remove expired cookies users:temporary Create temporary user(s) with specific privileges users:unlock Unlock a user vcs vcs:automerge Semi Auto Merge vcs:update Update Tiki to latest version & perform tasks for a smooth update.

If you want to learn the inner workings, source code is here:
<https://gitlab.com/tikiwiki/tiki/-/tree/24.x/lib/core/Tiki/Command>

```
user@server:/www/tiki$ php console.php Tiki Console Tool Usage: command options arguments Options: -h, --help
Display this help message -q, --quiet Do not output any message -V, --version Display this application version --ansi
Force ANSI output --no-ansi Disable ANSI output -n, --no-interaction Do not ask any interactive question --site=SITE
Multi-Tiki instance --as-user=AS-USER Run the command as a different Tiki user -v|vv|vvv, --verbose Increase the
verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug Available commands: help
Displays help for a command list Lists commands backup backup:files Create a backup of Tiki instance files cache
cache:clear Clear Tiki caches cache:generate Generate Tiki caches daily-report daily-report:send Send daily user
reports database database:backup Create a database backup (with mysqldump) database:configure Database:
Configure (write local.php) database:install Clean Tiki install database:patch Apply a specific database schema patch
database:update Update the database to the latest schema dev dev:configure Install or update development files
dev:fixbom Fix BOM and line endings for all files faker faker:comments Generate comments fake data faker:tracker
Generate tracker fake data files files:batchupload Batch upload files into the file galleries files:check Detect orphan
or extra files files:copy Copy files from file galleries to a regular directory on the file system files:deleteold Remove
expired files which were uploaded using the deleteAfter option files:index Index files files:move Move files from file
galleries to a regular directory on the file system gallery gallery:migrate Migrate images from the Image Gallery to
the File Gallery goal goal:check Reviews all active goals and assigns rewards. index index:catch-up Catch-up on
incremental indexing. index:compare-engines Compare search engine results in wikiplugins index:optimize Optimize
the unified search index index:rebuild Fully rebuild the unified search index installer installer:lock Disable the
installer list list:execute Performs Plugin ListExecute command on a particular page mail-in mail-in:poll Read the
mail-in messages mail-queue mail-queue:send Send the messages stored in the Mail Queue ml ml:train Train a
```

particular machine learning model multitiki multitiki:list List MultiTikis in a path multitiki:move Moves a MultiTiki site from one tiki instance to another notification notification:digest Send out email notification digests objects objects:notify-maintainers Send out email notification to maintainers for objects whose freshness is greater than the limit package package:clearcache Deletes all content from Composer's cache directories. package:disable Disable a Tiki Package package:enable Enable a Tiki Package package:install Install package package:list List installed/available to install packages package:remove Remove package package:update Update package plugin plugin:approve Approve a list of plugin invocations/calls plugin:list List all plugin invocations/calls plugin:refresh Parses all the pages to refresh the list of plugin invocations/calls preferences preferences:delete Delete a preference preferences:export Export preferences preferences:get Get a preference preferences:rebuild-index Fully rebuild the preferences index preferences:set Set a preference profile profile:apply Apply a profile profile:baseline Generate the SQL patch to assign profile symbols for an existing installation. profile:export:init Initialize profile export for current site. profile:forget Forget a profile installation recommendation recommendation:batch Identify and send recommendations rss rss:clear Clear incoming RSS feed cache rss:refresh Refresh incoming RSS feeds scheduler scheduler:heal Heal scheduled tasks scheduler:run Run scheduled tasks scss scss:compile Compile SCSS theme files into CSS sitemap sitemap:generate Generate sitemap theme theme:install Install a new theme theme:remove Remove a theme theme:update Update a theme tiki tiki:info Displays the Tiki and/or PHP version tiki:stats Display a table with the KPIs tokens tokens:clear Remove expired tokens tracker tracker:clear Clear all items from a tracker without warning or notifications. Use with care! tracker:export Export a CSV file from a tracker using a tracker tabular format tracker:import Import a CSV file into a tracker using a tracker tabular format or initiate an ODBC import tracker:recalc Recalculate all math fields items from a tracker translation translation:englishupdate Fix English strings after modifying them. translation:export Update language.php translations from the database translation:getstrings Update language.php files with new strings translation:percentage Get the translation percentage for each language.php file users users:create Create a new user users:list Display the list of users in the system users:password Set the password to a given user users:remove-cookies Remove expired cookies users:unlock Unlock a user vcs vcs:automerge Semi Auto Merge vcs:fixids Fix the Id's of SVN Keyword for all files vcs:update Update Tiki to latest version & perform tasks for a smooth update.

Examples

Below are some common examples of how to use the console. They are typically for a recent version (so if they don't work, it could be that your Tiki is too old)

Help on database update

```
php console.php database:update --help
```

To mark an upgrade error as registered (so it will be ignored)

```
php console.php database:update --auto-register
```

This is useful if you get database errors such as "Duplicate entry..." sometimes

Help on database install

```
php console.php database:install --help
```

Translations

translation:englishupdate Fix English strings after modifying them. translation:export Update language.php translations from the database translation:getstrings Update language.php files with new strings translation:percentage Get the translation percentage for each language.php file

Translation Update Examples

For example if you fix a typo in a string which is already translated, e.g. you fix "Setttings" to "Settings":

Fixing a typo in the original English string for all languages

```
php console.php translation:englishupdate
```

It will update all languages without modifying the translated part (in case it was already translated), so e.g. in the French language.php it will fix this:

```
"Setttings" => "Paramètres",
```

To this:

```
"Settings" => "Paramètres",
```

Without the need to re-translate the string which had a typo in the English original again.

Parameters

You can use the following parameters with translation:getstrings

```
[-l|--lang [LANG]] [--outputfiles] [--exclude [EXCLUDE]] [--include [INCLUDE]] [--basedir [BASEDIR]] [--filename [FILENAME]]
```

Getting string for a single language

php console.php translation:getstrings --lang=en

Note: The basedir parameter is working only if it point to this or another Tiki root directory (will search for /lang/...)

Batch Upload

A console command for Batch Upload so you can set a scheduled batch upload cron task

Example command line usage

```
# file according to sub-directory name and create missing galleries php console.php files:batchupload 1 --
  subdirToSubgal --createSubgals # file according using sub-directory with integer name into gallery with
corresponding ID php console.php files:batchupload 1 --subdirToSubgal --subdirIntegerToSubgalId # set file user etc
so apache can manage the files afterwards php console.php files:batchupload 1 --fileUser apache --fileGroup alluser
--fileMode 0775 # upload files from a different directory php console.php files:batchupload 1 --filesPath
/var/www/other/uploads # more help php console.php help files:batchupload
```

Plugin List Execute

Actions can be run in conjunction with PluginListExecute:

```
php console.php list:execute "Page Name" "Action Name"
```

If you see this type of error message:

```
[root@server]# php console.php list:execute "Batch Sync Users" "SyncUsersTrackers" Command not available at this stage. Complete required installation steps. [root@server]#
```

You may need to update the database schema first, with the usual:

```
[root@server]# php console.php d:u
```

Wiki Plugin Approval

plugin:approve plugin:list plugin:refresh

Disable the Installer

Disable the installer:

```
php console.php installer:lock
```

Manage files from file galleries

Copy files from a gallery to a regular directory on the filesystem:

```
php console.php files:copy 1 /tmp/dest/
```

Move files from a gallery to a regular directory on the filesystem:

```
php console.php files:move 1 /tmp/dest/ --confirm
```

Clear Caches and options

All the cache

```
php console.php c:c
```

All the cache

```
php console.php c:c all
```

Help

```
php console.php c:c help
```

Database cache

```
php console.php c:c private
```

Modules cache

```
php console.php c:c modules
```

Templates cache

```
php console.php c:c templates
```

CSS and JS caches

```
php console.php c:c public
```


Users commands

A few commands related to user management are available in the Tiki console.

users users:create Create a new user users:list Display the list of users in the system users:password Set the password to a given user users:unlock Unlock a user

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Note

If you get `Credentials file local.php not found`. See <http://doc.tiki.org/Installation> for more information. message it means you are doing fresh install from command line and need to create the `db/local.php` file manually first or run the Installer via a web browser.

Getting advanced help

```
ssh-w00ec615@dd29038:/www/htdocs/w00ec615/11x$ php console.php help cache:clear
Usage:
  cache:clear [--all] [cache]

Arguments:
  cache                Type of cache to clear (public, private, templates, modules)

Options:
  --all                Clear all caches
  --help (-h)         Display this help message.
  --quiet (-q)        Do not output any message.
  --verbose (-v)      Increase verbosity of messages.
  --version (-V)      Display this application version.
  --ansi              Force ANSI output.
  --no-ansi           Disable ANSI output.
  --no-interaction (-n) Do not ask any interactive question.
  --site              Multi-Tiki instance

ssh-w00ec615@dd29038:/www/htdocs/w00ec615/11x$
```

More advanced examples

See more advanced examples, where memory limit or execution timeout are raised, or rebuild is forced and logged, in [this other page](#):

- Search and List from Unified Index

alias

-
- Command Line Tool | Console Tool | Command-line tool