How to install Tiki Wiki CMS Groupware on ClearOS

2021-07-20: WikiSuite will now support all major Linux distros. Thus, the information below is no longer updated. It may still be valid, or not. It will be eventually removed from this site, so anything relevant should be moved to the appropriate site. For anything related to ClearOS, please search among the following: ClearOS site, code base, Developer docs, Wiki or forum.

Please contact us if you would like to help out.

The guide is to install Tiki directly on ClearOS. Instead, you may prefer to install TRIM (and install one or many Tikis via TRIM)

High level overview

1. Install the dependencies: Apache web server, PHP and MariaDB
   - Since the default PHP version is too old (5.4), you need to get a more recent version
2. Set the firewall rules (by default, it's closed so specific ports need to be opened up)
3. You create a website via the web interface, and indicate domain name and settings. At this point, you could install any PHP application.
4. Install Tiki as you would on any other web host (like on shared hosting)

Dependencies

- How to install a PHP version picker on ClearOS (This will automatically install Apache)
- How to install MariaDB on ClearOS

If you will install Tiki via SVN (or TRIM)

- How to install patch on ClearOS

At one point, you will likely be asked to choose between OpenLDAP, Samba and Active Directory. Pick OpenLDAP

Firewall

- You should allow HTTP (port 80) and HTTPS (port 443): How to configure your Firewall on ClearOS
Create website space
See also: How to set up websites on ClearOS

Install Tiki

- As usual: https://doc.tiki.org/Tiki-Installation-Guide
  - Make sure to have an alias from .htaccess to _htaccess (make one if the installer didn't do for you)
  - You may want to override some PHP settings

Optional setups

Configure OpenLDAP
Please see: How to configure Tiki Wiki CMS Groupware with OpenLDAP for ClearOS

Search within files
Optional: How to configure ClearOS to permit Tiki Wiki CMS Groupware to search within files

Data file storage
If you are going to have a lot of files (several hundred or more) or large files (10 Megs or more), you should change the setup to store them in the file system instead of the database. Please see: https://doc.tiki.org/File-Storage#Ideal_scenario

Cron Job to Rebuild Search Index
- https://doc.tiki.org/Cron-Job-to-Rebuild-Search-Index
- https://dev.tiki.org/Cron-job-handing-via-Tiki

Advanced users

Install Tiki from SVN
- How to install Subversion (SVN) client on ClearOS
- https://dev.tiki.org/Get-code
WikiSuite: The most comprehensive and integrated Open Source enterprise solution.

Related links

- Tiki Wiki CMS Groupware
- How to configure Apache for Tiki Wiki CMS Groupware in ClearOS
- Tiki Wiki CMS Groupware development