


DokuWiki Server

This guide is for installation instructions of a DokuWiki private site, or a DokuWiki help server for a Joomla 3.9 website installation and help pages served by DokuWiki. This is specific for my personal needs, but might help you in setting up a highly customized dokuwiki server instance.

Installation

1. Go to [Download DokuWiki](#) and configure your download to include:
 - Version: stable
 - Languages: en, de, fr, ko, th
 - Popular Plugins: CAPTCHA, Upgrade, Wrap, Translation.
 - For a general purpose server, add Popular Plugins: Video Share, Gallery.
2. Unzip the download to your web server directory, then run `/path/to/wiki/install.php`
3. Install bethico template for DokuWiki
4. Install the [Icons Plugin](#) for FontAwesome icons
5. Install the [condition Plugin](#)
6. Install the [Include Plugin](#)
7. Install the [date Plugin](#)

General Purpose Server

1. Install [sqlite Plugin](#) (required for Calendar Plugin)
2. Install [davcal Plugin](#) (Calendar Plugin with CalDAV sharing support)
3. Install [Comment Plugin](#)
4. Install [Discussion Plugin](#)
5. Install [Google Maps Plugin](#)
6. Install [whoisonline Plugin](#)
7.  **Fix Me!** hover css and icon links to websites



1. [Google Maps Plugin](#) → **grep -r "<html"** and remove all `<html>` tags, disable html
2. [color Plugin](#) → **grep -r "<color"** and replace with wrap plugin

Settings

- Add "admin" group for every administrator of the help server in *User Manager*.
- Create the language namespaces (e.g. en, fr, de, ko, th) and set permissions to *Read only* for @ALL in *Access Control List Management*
- Set "Use first heading for pagenames" to **Always** under *Display* in DokuWiki's *Configuration Settings*.
- Set "Top level for table of contents=2", "Minimum amount of headlines that determines whether the TOC is built=1", "Maximum level for table of contents=4", and "Maximum section

edit level=4" under *Display* in DokuWiki's *Configuration Settings*.

- Uncheck icon libraries other than *FontAwesome* from Icons plugin configuration in DokuWiki's *Configuration Settings*.
- Add "_blank" to "Target window for external links" and "Target window for media links" under *Links* in DokuWiki's *Configuration Settings*.

Customization

There are a few core hacks required to make this work as a help server, but they are simple and thus easy to maintain, even after an update of DokuWiki or any of the extensions.

- Copy 'doku.php' to 'help.php' in the DokuWiki root folder
- Create the language fallback to English for non-existent translation pages by adding 3 lines to /help.php at line #41, just below '\$ID = getID();'. Remember to update after you add or remove languages.

```
// bco: 20181114. Get requested language and set language fallback
require_once(template('dispatcher.php'));
$langcode = help_language();
```

- Modify 'help.php' and replace line #119+4 and #120+4

```
//do the work (picks up what to do from global env)
act_dispatch();
```

with

```
// bco: 20181114. Set language and load act_dispatch override
init_lang($langcode);
help_dispatch();
```

- Modify '/inc/template.php' and add after line #130 (\$toc = \$TOC) in function tpl_toc

```
// bco: 20181116. Fix toc issues due to use of condition Plugin
require_once(template('dispatcher.php'));
help_toc($toc);
```

- After a DokuWiki upgrade make sure that
 - If '/inc/actions.php' has been upgraded, reflect the changes in '/lib/tpl/bethico/dispatcher.php'
 - If '/inc/template.php' has been upgraded, reflect the changes in function tpl_toc
 - If '/doku.php' has been upgraded, reflect the changes in '/help.php'
- If you use a template other than 'bethico', you must copy '/lib/tpl/bethico/css/userstyle.css' to '/conf'
- Optional: replace favicon and logo in '/lib/tpl/bethico/images/'.

The following files must be checked against the previous version after upgrading

File	DokuWiki File	Todo
help.php	doku.php	line 12: \$updateVersion and verify content (compare doku.php to previous version)
inc/template.php	inc/template.php	line 131-133: call to <i>help_toc</i> in function <i>tpl_toc</i>
lib/scripts/page.js	lib/scripts/page.js	line 13: change 3rd parameter of 'dw_page.makeToggle' call in file '/lib/scripts/page.js' from null or 1 to -1 to initialize 'closed' instead of 'opened'
lib/tpl/bethico/dispatcher.php	inc/actions.php	verify function <i>help_dispatch</i>

Joomla Access

- Set the Help URL in the component configuration of com_bethico to

```
'https://your.wiki.server/help.php?id={langcode}:{keyref}'
```

- Add a help button to view 'view' to open the help page

```
JToolbarHelper::help('view', true);
```

- With English as the active language it will invoke

```
https://your.wiki.server/help.php?id=en:view
```

Help system

Joomla's default help url:

```
url example:  
https://help.joomla.org/proxy?keyref=Help{major}{minor}:{keyref}&lang={langcode}
```

Substitute tags:

Tag	Name	Example
{app}	Application name	'Administrator'
{component}	Component name	'com_content'
{keyref}	Help screen key reference	JToolbarHelper::help('{keyref}', true)
{language}	Full language code	'en-GB'
{langcode}	Short language code	'en'
{langregion}	Region code	'GB'
{major}	Joomla major version number	
{minor}	Joomla minor version number	
{maintenance}	Joomla maintenance version number	

Todo: change menu system

- New menu system see /inc/Menu
- [Menus](#)
- [Menus! blog](#)
- [Material Design Icons](#)

Links

- [DokuWiki Help Server with 2 templates](#)
- [Safely include PHP code](#)

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<https://wiki.condrau.com/> - **Bernard's Wiki**

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