

Configuring DokuWiki

DokuWiki can be configured depending on your needs by «system» options, configuration files for tuning behaviour, styling of the theme and dis/enabling extensions.

What can be configured

The «system» options of DokuWiki can be set in the  [Configuration Manager](#). You need to login as superuser and click the Admin button to start it. The «default» values of the system are read from `conf/dokuwiki.php` file. To customize it, you can make changes in the Configuration Manager, which saves the changes to the file `conf/local.php`. Alternatively, you edit it yourself or create it if it doesn't exist. To find what you can configure within that file, see the list of [available options](#) below.

User names, (encrypted) passwords and Access Control rules are stored in the [users.auth.php](#) and [acl.auth.php](#) files which can be found in the `conf/` directory. These can be edited via the  [User Manager](#) and the  [Access Control List Management](#).

When uploading a new file within the mediamanager, you may encounter a «Upload denied. This file extension is forbidden!» message. This behavior is controlled within the `conf/mime.conf` file. To upload a new type of file, specify it within the [mime.local.conf](#) file.

Some automatic replacements are done when you edit your pages. Some generate tooltips, smileys or some special chars. This behavior is controlled by the [acronyms.conf](#), [smileys.conf](#) or [entities.conf](#).

Configuration files

All configuration files are to be found in the `conf/` folder in your installation (or `/etc/dokuwiki` when installed from a Debian package).

«Main files» usually ship with DokuWiki, whereas «local files» have to be created by the wiki admin.

If local files are supported you should use them instead of modifying the main files to avoid upgrade troubles.

Alternatively, instead of editing the `*.conf` files directly, you can install and use the [Configuration File Manager](#).

main file	local file	type of config	quick info
<code>dokuwiki.php</code>	<code>local.php</code> <code>local.protected.php</code>	see below	general wiki configuration
<code>acronyms.conf</code>	<code>acronyms.local.conf</code>	abbreviations	automatic abbreviation hints
<code>entities.conf</code>	<code>entities.local.conf</code>	entities	automatic text replacements

main file	local file	type of config	quick info
interwiki.conf	interwiki.local.conf	interwiki	interwiki shortcut links
mime.conf	mime.local.conf	mime	mime type settings for uploads
smileys.conf	smileys.local.conf	smileys	image replacements
	acl.auth.php	see acl	Access Control settings
	users.auth.php	see acl	Users and passwords
license.php	license.local.php	license	list of available licenses
scheme.conf	scheme.local.conf	urlschemes	URL schemes to be recognized as links
mediameta.php	mediameta.local.php	exif	Metadata editable for images
wordblock.conf	wordblock.local.conf	blacklist	Spam blacklist
plugins.required.php	plugins.local.php plugins.protected.php	see below	Enabling/disabling plugins
manifest.json	manifest.local.json	manifest	PWA Manifest
lib/tpl/<tpl>/style.ini	conf/tpl/<tpl>/style.ini	style.ini	Style files and variables
	userscript.js	javascript	Custom JavaScript enhancements
	userstyle.css	css	Custom CSS enhancements

Theme configuration files

The configuration file [style.ini](#) for changing the theme is found in `/lib/tpl/dokuwiki` (for the default dokuwiki theme). Style.ini is a text-file that is read by the theme, and the user can configure e.g. the background-color. The [Styling Plugin](#) let you via the Admin interface preview and change the appearance of any template and store in `conf/tpl/<tpl>/style.ini`.

Enabling/disabling plugins

Installed plugins are enabled by default. They could be disabled using the [Extension Manager](#) which writes to the `plugins.local.php` file. You can protect certain plugins by placing them in `conf/plugins.protected.php`.

By default DokuWiki loads its configuration files in the following order:

1. `conf/plugins.php` - default plugins
2. `conf/plugins.local.php` - changed by the extension manager
3. `conf/plugins.required.php` - these core plugins cannot be controlled by the extension manager
4. `conf/plugins.protected.php` - overrides setting in the other files

The loading order of configuration files is controlled by the global `$config_cascade` variable. By using a [preload.php](#) file you can change this behavior.

Configuration Options

Most of [DokuWiki](#)'s features can be configured through various config options. The easiest way to modify these options is using the  [Configuration Manager](#).

The available settings are listed below. Their default values are stored in a file called `conf/dokuwiki.php`. If you want to modify a setting you should do this in a file called `conf/local.php` – this makes sure your special configs are not overwritten by a later upgrade. The [Config Manager](#) will use this file as well. The file `conf/local.protected.php` can be used for configuration settings which cannot be modified in the Config Manager.

Here is a sample `conf/local.php`:

```
<?php
$config['title']      = 'Admin\'s Wiki';

$config['useacl']      = 1;
$config['superuser'] = 'admin';
```

Some notes about the config file. The file is a piece of PHP code so the PHP syntax has to be preserved. E.g. each line has to have a semicolon at the end. There are multiple types of variables:

- **Numbers** can be written as is. Example: 9
- **Strings** have to be enclosed in single or double quotes. Example: 'foo bar'
- **Booleans** can be either 1 or 0
- **Arrays** contain multiple values of one of the above types

Available Options

- **Basic Settings**
 - [title](#)
 - [start](#)
 - [lang](#)
 - [template](#)
 - [tagline](#)
 - [sidebar](#)
 - [license](#)
 - [samedir](#)
 - [basedir](#)
 - [baseurl](#)
 - [cookiedir](#)
 - [dmode](#)
 - [fmode](#)
 - [allowdebug](#)
- **Display Settings**
 - [recent](#)

- [recent_days](#)
- [breadcrumbs](#)
- [youarehere](#)
- [fullpath](#)
- [typography](#)
- [dformat](#)
- [signature](#)
- [showuseras](#)
- [toptoclevel](#)
- [tocminheads](#)
- [maxtoclevel](#)
- [maxsecllevel](#)
- [camelcase](#)
- [deaccent](#)
- [useheading](#)
- [sneaky_index](#)
- [hidepages](#)
- **Authentication Settings**
 - [useacl](#)
 - [autopasswd](#)
 - [authtype](#)
 - [passcrypt](#)
 - [defaultgroup](#)
 - [superuser](#)
 - [manager](#)
 - [profileconfirm](#)
 - [rememberme](#)
 - [disableactions](#)
 - [auth_security_timeout](#)
 - [securecookie](#)
 - [samesitecookie](#)
 - [remote](#)
 - [remoteuser](#)
 - [remotecors](#)
- **Anti-Spam Settings**
 - [usewordblock](#)
 - [relnofollow](#)
 - [indexdelay](#)
 - [mailguard](#)
 - [iexssprotect](#)
- **Editing Settings**
 - [usedraft](#)
 - [htmllok](#) (removed since release 2023 Jack Jackrum)
 - [phpok](#) (removed since release 2023 Jack Jackrum)
 - [locktime](#)
 - [cachetime](#)
- **Link Settings**
 - [target](#) (wiki, interwiki, extern, media, windows)
- **Media Settings**
 - [mediarevisions](#)
 - [gdlib](#)

- [im_convert](#)
- [jpg_quality](#)
- [fetchsize](#)
- [refcheck](#)
- **Notification Settings**
 - [subscribers](#)
 - [subscribe_time](#)
 - [notify](#)
 - [registernotify](#)
 - [mailfrom](#)
 - [mailreturnpath](#)
 - [mailprefix](#)
 - [htmlmail](#)
 - [dontlog](#)
- **Syndication Settings**
 - [sitemap](#)
 - [rss_type](#)
 - [rss_linkto](#)
 - [rss_content](#)
 - [rss_media](#)
 - [rss_update](#)
 - [rss_show_summary](#)
 - [rss_show_deleted](#)
- **Advanced options**
 - [updatecheck](#)
 - [userrewrite](#)
 - [useslash](#)
 - [sepchar](#)
 - [canonical](#)
 - [fnencode](#)
 - [autoplural](#)
 - [compress](#)
 - [cssdatauri](#)
 - [gzip_output](#)
 - [send404](#)
 - [compression](#)
 - [broken_iua](#)
 - [xsendfile](#)
 - [renderer_xhtml](#)
 - [readdircache](#)
 - [search_nslimit](#)
 - [search_fragment](#)
- **Network Settings**
 - [dnslookups](#)
 - [jquerycdn](#)
 - [proxy](#) (host, port, user, pass, ssl, except)
 - [trustedproxy](#)
 - [safemodehack](#) (removed since release 2020 [Hogfather](#))
 - [ftp](#) (host, port, user, pass, root) (removed since release 2020 [Hogfather](#))
- **Feature Flags**
 - [defer_js](#)

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