gitbacked Plugin

—- plugin —- description: Sync/store DokuWiki pages and media in a git repository. On saving page edits or on media file uploads DokuWiki will commit these changes to a git repository. If configured, commits will be pushed to a remote repo. author : Wolfgang Gassler, Markus Hoffrogge type : action lastupdate : 2025-11-11 compatible : Adora Belle, Weatherwax, Binky, Ponder Stibbons, Hrun, Detritus, Elenor Of Tsort, Frusterick Manners, Greebo, Hogfather, Igor, Jack Jackrum, Kaos, Librarian depends : conflicts : git similar : git tags : git, storage, collaboration

downloadurl: https://github.com/woolfg/dokuwiki-plugin-gitbacked/releases/download/v2025-11-11/dokuwiki-plugin-gitbacked-2025-11-11.zip bugtracker : https://github.com/woolfg/dokuwiki-plugin-gitbacked/issues sourcerepo : https://github.com/woolfg/dokuwiki-plugin-gitbacked/ donationurl:

Installation

Search and install the plugin using the Extension Manager. Refer to Plugins on how to install plugins manually. For all releases and release notes look at gitbacked releases.

Suggested Directories / Structure

To avoid conflicts with the git repository and the DokuWiki files/directories we suggest to use a different directory structure.

For example, add the following setting values to your `local.php` in the global conf directory of your DokuWiki Installation.

- `$conf['datadir'] = './data/gitrepo/wiki/pages';`
- `$conf['mediadir'] = './data/gitrepo/wiki/media';`

Attention: Do not forget to move the original pages and media folders (`./data/pages` and `./data/media`) to the new location (`./data/gitrepo/wiki/`), otherwise DokuWiki will not find any pages and media files.

If you use this structure, you have to setup the corresponding paths for this plugin as well (in the Admin-Area of DokuWiki in the section gitbacked). Set:

- `repoPath` to `./data/gitrepo` (relative to the `dokuwiki` root folder or absolute path)

This means, that all wiki related files are located in the directory `wiki` in your git repository. `repoWorkDir` had to be configured in the past. This is now empty by default (since **2023-03-07**). `repoWorkDir` is passed to git as `–work-tree` option only if it is configured. You should configure this only if you are aware about the impact. `repoPath` and `repoWorkDir` can be configured as absolute path names also since release **2023-03-07**.

The plugin creates a new repository in the specified `repoPath`, if needed. If you want to use an existing git repository, clone the repository to e.g. `/tmp/yourrepo`. Subsequently, copy all data (don't forget the `.git` folder) from `/tmp/yourrepo` to `./data/gitrepo`.

Congrats! You are finished and every page edit is committed to the git repository.

Push to Remote Repo

If you want to push all changes to the remote origin, enable the `pushAfterCommit` setting in the next section. Make sure you have properly configured your local repo with a remote origin and that the git credentials for the remote access are configured for git appropriately. The remote credentials are not configured by `gitbacked`. In case of a https URL access to the remote repo you can simply configure the remote URL with the credentials e.g. for GitHub by

```
git add remote origin https://user@accessToken@github.com/user/repo.git
```

Configuration and Settings

`addParams`	Specify additional parameters for the git binary. For example, if you cannot set default git configuration values for the webserver's system user you can add some basic information by specifying additional parameters. For example `-c http.sslVerify=false -c user.email="<%mail%>" -c user.name="%user%"` deactivates the SSL certificate check and specifies the user's email and name which are used as commit author. The value in `addParams` is placed directly after the git binary for the git command executed by gitbacked. The variables `%mail%` and `%user%` can be used as placeholders and are replaced by the corresponding properties configured for the DokuWiki user being logged in. Since 2022-02-06 default=`-c user.name="%user%" -c user.email="<%mail%>"`

`commitMsg`
`commitMsgDel`
`commitMediaMsg`
`commitMediaMsgDel`
	The template strings which are used for the different commit messages (page edits, media edits, page deletion, media deletion). The placeholders `%page%`,`%media%`, `%summary%` and `%user%` can be used and are replaced by the corresponding values during the commit process.

`emailAddressOnError` Since 2021-03-19	If defined, in case of a git error an eMail will be sent to this address rather than confusing the end user by the Exception raised. Multiple mail addresses can be configured comma separated.
`gitPath` Since 2015-10-03	Path to the git binary (if empty, the default «/usr/bin/git» will be used).
`ignorePaths` Since 2015-10-03	Paths or files (comma separated) that will be ignored and not added by git (currently simple wildcard string matching of paths is performed).
`notifyByMailOnSuccess` Since 2021-03-19	If set, an eMail will be sent on any git commit. This is supposed to be used for eMail notification test purposes only.
`periodicMinutes`	Defines the period (in minutes) for the periodic pull request executions.

`periodicPull`	If activated, the system executes a pull request and updates the local git repository. Thus, external commits on page files are merged from the remote.
`pushAfterCommit`	If activated, every commit (page edit) is pushed to the remote repository. Activate this flag if you already cloned from a remote location and the git environment is configured correctly (It has to be configured for the webserver/php user) The push will be performed within the http POST roundtrip of the page save. If this leads to insufficient user experience since of remote git server communcation delays, you should not activate this config and consider a CRON job as an alternative to perform the pushes periodically and independent of DokuWiki sessions.
`repoPath`	The path to your git repository (root) – set to the savedir by default (`./data`). This must be configured either as a relative path (relative to the savedir) or as an absolute path. Absolute path configuration is supported since release **2023-03-07**.
`repoWorkDir` Since 2015-10-03	This path is passed to the git command as the `–work-tree` commandline option if it is configured. It can be configured as relative path (relative to the savedir) or as an absolute path. Since release **2023-03-07** you should configure this only if you are aware about the impact. Since 2023-03-07 default=`Empty string`
`updateIndexOnPull` Since 2025-02-26	If set, the page(s) updated by a periodic pull will be indexed.

Cloning your Git repo

If your DokuWiki is deployed on a webhost and you wish to clone the repo over http onto your local machine or onto a different remote, then you may discover that the ./data/.git directory is forbidden. so you won't be able to clone that way, and You will have to clone over ssh instead. If you wish to configure the .htaccess to enable read permissions in your ./data/.git, here's how to do it:

please answer this question if you know, thanks.

Known Bugs and Issues

Please, use Github GitBacked Issues

Release Notes and Changelog

Releases and Changelog

From:
https://wwoss.ru/ - **worldwide open-source software**

Permanent link:
https://wwoss.ru/doku.php?id=wiki:plugin:gitbacked

Last update: **2026/01/19 19:57**