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# **Synology NAS**

Synology's NAS system used to provide a DokuWiki package in their package manager. Since the DSM 7.0 release, this is no longer the case. Instead you need to manually install DokuWiki using the Web Station app.

## Installing DokuWiki on DSM 7.0+

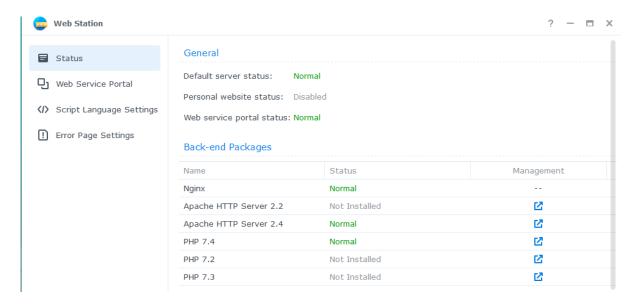
Synology does not currently provide a package for installing Dokuwiki on the Diskstation under DSM 7. This procedure should help to install Dokuwiki on a Synology Diskstation running DSM 7.

On DSM: Package Center: Install Web Station

- Install Apache 2.4 via the Package Center

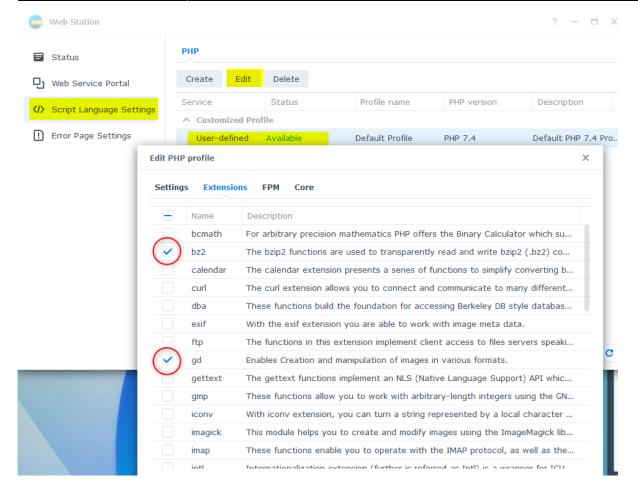
  Hint: go to Web Station Status Panel and click the Arrow in Management Column, this will bring
  you to the Apache Install Package in Package Center
- Install PHP 7.4 via the Package Center

  Hint: go to Web Station Status Panel and click the Arrow in Management Column, this will bring
  you to the PHP Install Package in Package Center



In Web Station this will create a customized Profile under "Script Language Settings" with name 'user-defined'

- Edit the Profile and activate the following Extensions:
  - bz2
  - o gd
  - ∘ Idap
  - openssl
  - o pdo sqlite
  - o zlib



#### Save the settings!

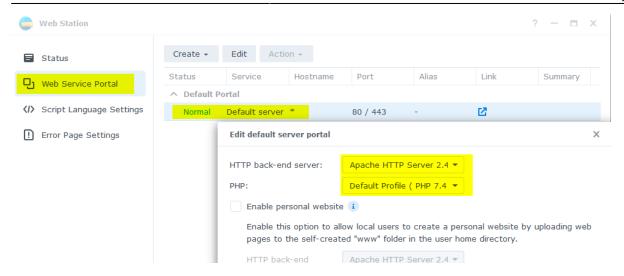
On your PC: Download DokuWiki: https://download.dokuwiki.org/

#### On DSM:

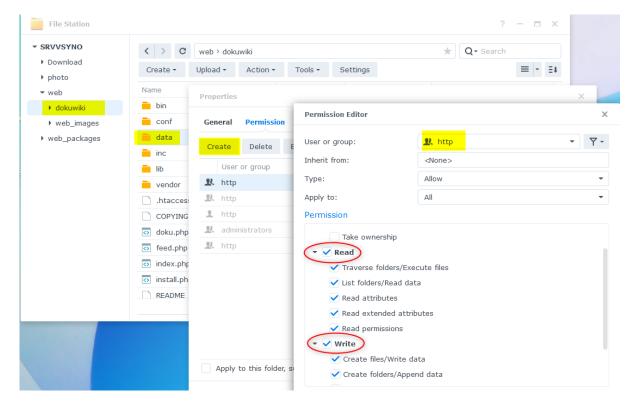
- Go to File Station
  - Select left the Web Folder
  - Upload the downloaded Archive from DokuWiki (TGZ)
  - Right Mouseclick on the Archive in File Station and select Extract... → Extract here
  - Do the same with the new File (TAR)
  - You have now the Folder "dokuwiki" in your Web-Folder
  - Delete TGZ and TAR File
- Go to Web Station and select "Web Service Portal"
  - Edit the default server
    - If installed Apache: Httpback-end server: select Apache
  - PHP: Select the created Profile (Default Profile 7.x)

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- File Station: Setup Permissions for Folders
  - Go to Web Folder
  - Select dokuwiki Folder
  - Right Click on data Folder
    - Properties → Permission → Create:
      - User or Group: http
      - · Select Read and Write
      - Click Done
      - Click Save



#### Repeat this steps for folders: dokuwiki/conf, dokuwiki/lib/plugins and dokuwiki/lib/tpl

Go to: http://<IP\_of\_your\_Synology>/dokuwiki/install.php Done.

## **Upgrading from DSM 6**

There are several possible ways to switch from a package installation to a direct installation.

### Copy, Uninstall, Copy back, Upgrade DSM

- copy the directory "dokuwiki" to another location outside the "web" folder
- uninstall the package "Dokuwiki" via the package manager
- · copy the "dokuwiki" directory back to the "web" folder
- upgrade to DSM 7

Some users report problems with permissions after this procedure: User Forum: Dokuwiki package no longer supported in Synology DSM 7. If this problem occurs, a complete reinstallation is recommended.

#### Backup, Uninstall, Upgrade DSM, Restore

This procedure is taken from User Forum: Manual install of Dokuwiki in a Synology NAS running DSM6.2 It is the same procedure as for a complete new installation. Only the backup of the data is added and the procedure for this is described.

- 1. To be extra save; copy the nas/DokuWiki folder from your Synology to a other location.
- 2. Delete the DokuWiki package with the Package Center.
- 3. Upgrade to DSM 7 (see instructions on the official Synology site)
- 4. Go to Webstation in DSM → PHP Setting (scripttaalinstellingen in my native language) → Create/Make → Profile name: Dokuwiki → Profile description: Dokuwiki → PHP version: PHP 7.4 → enable Extensions: bz2, gd, openssl and zlib and click Save/Ok.
- 5. Go to Webserviceportal (still in Webstation) and choose for HTTP back-endserver: Apache HTTP Server 2.4 and PHP: Dokuwiki (PHP 7.4.) → Save.
- 6. copy dokuwiki folder back into web directory

#### See also

- Dokuwiki package no longer supported in Synology DSM 7
- Manual install of Dokuwiki in a Synology NAS running DSM6.2

From:

http://wuff.dyndns.org/ - Wulf's Various Things

Permanent link:

http://wuff.dyndns.org/doku.php?id=synology:dokuwiki-dsm7&rev=1675041878

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