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Manual:Extension/BlueSpiceWebDAV

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What is BlueSpiceWebDAV?

BlueSpiceWebDAV provides an endpoint for accessing files on the wiki using different client applications or mounting the wiki content as shared drive.

BlueSpiceWebDAV package

BlueSpiceWebDAV is a package that consists of three separate extensions, all of which together provide the full functionality of BlueSpiceWebDAV.

BlueSpiceWebDAV

A base extension, holding all underlying infrastructure for functioning of WebDAV. This extension does not provide a user interface.

BlueSpiceWebDAVClientIntegration

This extension provides a user interface for the WebDAV on wiki. It integrates into [BlueSpiceContextMenu](#) to add an option to open eligible files for opening using a client application.

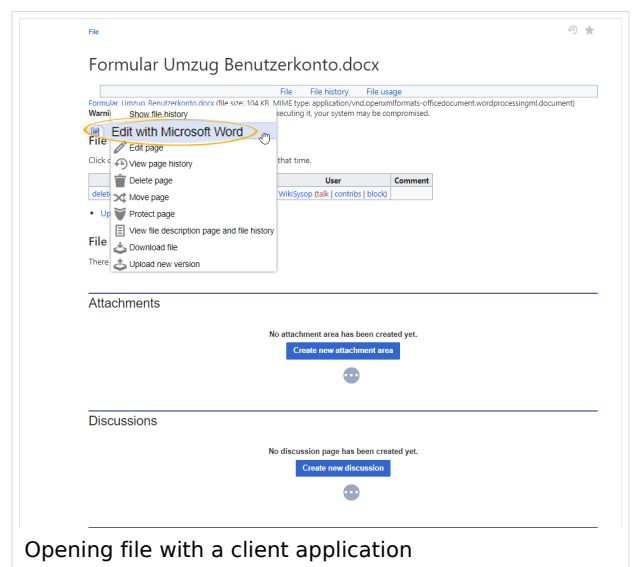
BlueSpiceWebDAVMinorSave

This extension provides a mid-layer physical storage between client application and the wiki. Files will be read from the wiki once they are opened and saved back to the wiki when they are closed, while all intermediate saves will be saved in temporary location, in order to not produce unnecessary file versions on wiki.

Usage

Opening files using client application

Every link to an eligible file uploaded to the wiki can be opened using WebDAV. Files that are eligible are (depending on particular wiki configuration): MS Office files (.docx, .xlsx...) and PDF files. Opening [context menu](#) on these files, will offer an option to open the file using the client application. Clicking on this option on eg. a .docx file will open the file in Microsoft Word application. All changes to the file will be automatically saved back to the wiki upon closing the file.



Mounting wiki storage as a drive

Wiki storage can be mounted as a shared drive, just like mounting any other network location.

URL for mounting

In order to obtain the URL to be used for mounting a drive, user can go to their user preferences (by clicking on user image in top right corner and selecting "Preferences"). In the "User profile" tab, under "BlueSpiceWebDAV" section, every user has the personal URL to be used for mounting the drive. This URL contains the static token for the user that will help to authenticate the user upon mounting.

In case the wiki is not configured to use these personalised URLs, a generic URL can be used:

`{WIKI_HOST}/webdav.php` eg. <https://mywiki.com/wiki/webdav.php>

Using the mounted drive

Once the drive is mounted, it will appear the same as any other mounted network location. This drive will contain a folder for each namespace existing on the wiki, inside each of these folders are the page files in .wikiextension extension. For the most users, there is no need to use these files. Most important folder in the mounted drive is the **Media** folder, which contains all the files uploaded to the wiki. If wiki is using [NSFileRepo](#) extension, "Media" folder will contain a list of directories, once for each namespace on the wiki, where files in namespaces will be located. Files can be edited directly from this drive, any changes will be saved automatically back to the drive (and therefore to the wiki) and will be visible in the wiki. New files can be uploaded to the wiki by copying the files to the mounted drive ("Media" folder, appropriate sub-directory, if available). Those files will be available instantly on the wiki.

Authorization

BlueSpiceWebDAV used "Token authorization" by default to authenticate the users when opening files from the wiki. This means that a unique token will be integrated into the URL for accessing the file, to enable seamless access to the file.

Authorization when it comes to drive mounting will be done by entering username and password when mounting the drive. Use the same username and password you use to log into wiki. User will only be asked for credentials once, when mounting the drive (and re-mounting).

Related info

- [Reference:WebDAV](#)