

Accessing WebDAV

As an alternative, Web File Share can be also accessed with a standards-compliant WebDAV application. This can be useful for managing the remote files as they are folders on the local computer.

WebDAV client programs tested with Web File Share:

Program Name	Operating System	License	Notes
MacOS Finder	MacOS		Guide available down on this page.
Cyberduck	MacOS	Free	
WebDrive	Windows/MacOS	Free Trial	Recommended by Web File Share!
NetDrive	Windows	Free For Personal Use	
IT Hit "Map Drive"	Windows	Commercial	
GoodSync	Windows/MacOS/Android/iOS	Free/Pro versions	Good for two-ways folder synchronization
WebDAV Navigator	iOS	Free	
WebDAV-Sync	Any (Java)	Open-source	Command-line tool for two-ways folder synchronization. Works great.
DAVbox	Any (Java)	Commercial	Works great for two-ways folder synchronization.

An example of the URL you need to use to access Web File Share's WebDAV would be: <http://demo.webfileshare.com/dav.php/> (for our online demo)

Please note that the URL must contain the trailing slash character, after "dav.php".

MacOS: Connecting with Finder

Assuming your Web File Share instance is installed at <https://www.your-site.com/webfileshare>

In the Finder, choose Go > Connect to Server, type the address of the server in the Server Address field, and click Connect. The server address should be in a form similar to this: <ADDRESS/webfileshare/dav.php/>.

For our example, that would be:

<https://www.your-site.com/webfileshare/dav.php/>

For details, check the respective vendor documentation at the Apple website: <http://support.apple.com/kb/PH3857>

Linux: mounting from the command line

Install the WebDAV support using the davfs package. On Debian/Ubuntu, you can use:

```
sudo apt-get install davfs2
```

Reconfigure davfs2 to allow access to normal users (select Yes when prompted):

```
sudo dpkg-reconfigure davfs2
```

Add the users you want to be able to mount the share to the davfs2 group:

```
sudo usermod -aG davfs2 <user>
```

Edit `/etc/fstab` and add the following line for each user who wants to mount the folder (with your details where appropriate):

```
your-site.com/webfileshare/dav.php/ /home/<username>/webfileshare davfs user,rw,noauto 0 0
```

Then, as each user who wants to mount the folder:

Create the folders `webfileshare/` and `.davfs2/` in your home directory

Create the file `secrets` inside `.davfs2/`, fill it with the following (with your credentials where appropriate):

```
your-site.com/webfileshare/dav.php/ <username> <password>
```

Ensure the file is only writable by you either through the file manager, or via:

```
chmod 600 ~/.davfs2/secrets
```

Run the command:

```
mount ~/webfileshare
```

To automatically mount the folder on login, add the command you used in step 4 to `./coderc`

Known Issues

Problem: Resource temporarily unavailable

Solution: If you experience trouble when you create a file in the directory, edit `/etc/davfs2/davfs2.conf` and add:

```
use_locks 0
```

Problem: Certificate warnings

Solution: If you use a self-signed certificate, you will get a warning. If you are willing to take the risk of a man in the middle attack, run this command instead:

```
echo "y" | mount ~/webfileshare > /dev/null 2>&1
```

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