

Filetransfer from the cluster

filetransfer.dcsr.unil.ch

<https://filetransfer.dcsr.unil.ch> is a service provided by the DCSR to allow you to transfer files to and from external collaborators.

This is an alternative to SWITCHFileSender and the space available is 6TB with a maximum per user limit of 4TB - this space is shared between all users so it is unlikely that you will be able to transfer 4TB of data at once.

The filetransfer service is based on LiquidFiles and the user guide is available at <https://man.liquidfiles.com/userguide.html>

In order to transfer files to and from the DCSR clusters without using the web browser it is also possible to the API REST as explained below

Configuring the service

First you need to connect to the web interface at <https://filetransfer.dcsr.unil.ch> and connect using your UNIL username (e.g. ulambda for Ursula Lambda) and password. This is not your EduID password but rather the one you use to connect to the clusters.

Once connected go to settings (the cog symbol in the top right corner) then the API tab

Account Settings

[Basic Settings](#) [Two-Factor Authentication](#) [Previous Recipients](#) [Contacts](#) [Personal Filedrop](#) **API**

API Key

The API key is used for plugins such as the Outlook plugin and can be used for custom integration. You only need this if an admin tells you to.

API Key

9MUavQeF4uRAy049lHdCtg

 Copy to Clipboard

 Reset API key

The API key is how you authenticate from the clusters and this secret should never be shared. It can be reset via the yellow button.

Transferring files from the cluster

To upload a file and create a file link:

```
module load liquidfiles
liquidfiles -k $APIKEY file_example_TIFF_.tiff
```

You can then connect to the web interface from you workstation to manage the files and send messages as required.

As preparing and uploading files can take a while we recommend that this is performed in a tmux session which means that even if your connection to the cluster is lost the process continues and you can reconnect.

Transferring large files


You follow the same procedure:


```
module load liquidfiles
liquidfiles -k $APIKEY myfile.ffdata
```

The liquidfiles tool will chunk the file and it will send it to the server. Once all the chunks are uploaded the file will be assembled/processed and after a short while it will be visible in the web interface.

Here we see a previously uploaded file of 304 GB called `myfile.ffdata`

Attached files

| | | |
|---------------|--------|--|
| myfile.ffdata | 304 GB |  Delete |
|---------------|--------|--|

 **Drop Files Here**

1 file (304 GB)

[+ Add Files...](#)

Révision #22

Créé 25 janvier 2022 08:56:53 par Ewan Roche

Mis à jour 18 août 2025 11:34:23 par Cristian Ruiz