

TRANSFER DATA WITH GLOBUS ONLINE



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1. LOG IN TO GLOBUS

You will need two level of credentials: an ORCID iD and the SOLEIL ID and password.

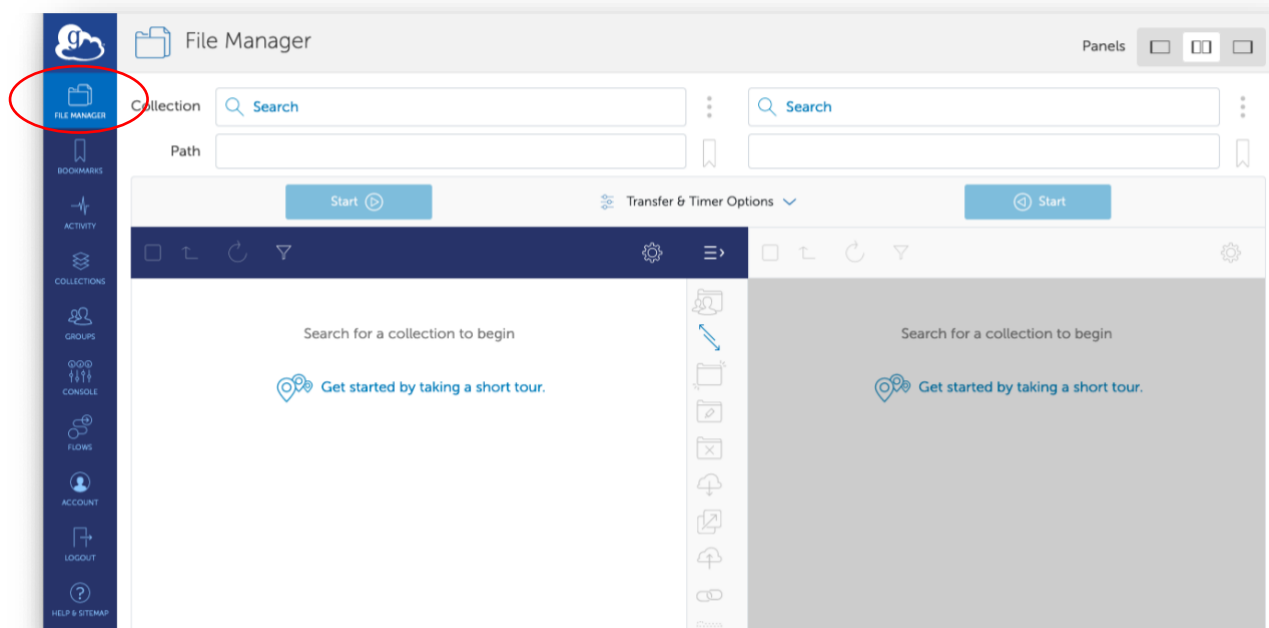
You will obtain an ORCID iD via the website: <https://orcid.org/register> if you do not have one already.

Go to globus website <https://globus.org> and click on "Log In"



Then pick the ORCID iD authentication :

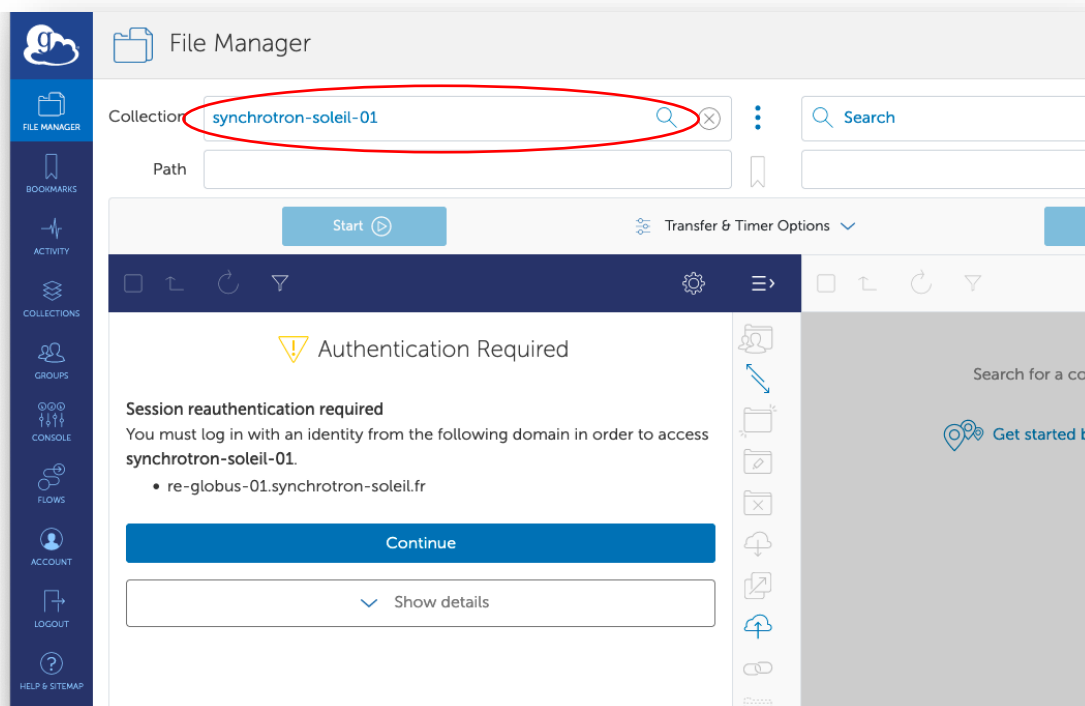
You will be redirected to the Globus File Manager:



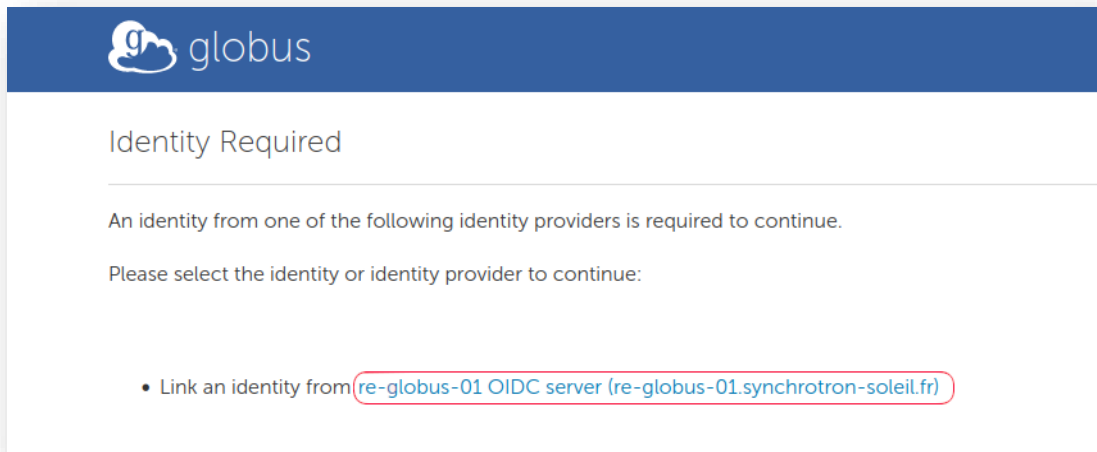
2. TRANSFER FROM SOLEIL

To log into SOLEIL endpoint:

- click into the collection box (top left) and search **synchrotron-soleil-01**
- An authentication request will appear, click on “Continue”



- Click on the "re-globus-01 OIDC server" link



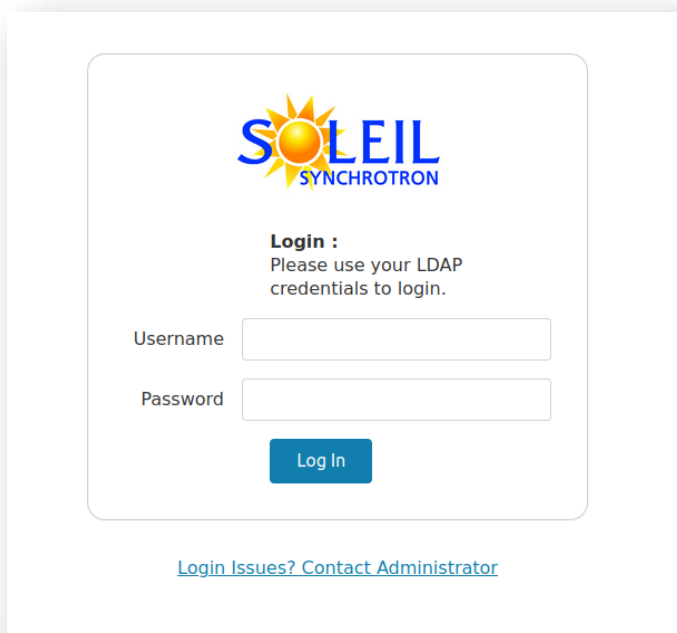
Identity Required

An identity from one of the following identity providers is required to continue.

Please select the identity or identity provider to continue:

- Link an identity from [re-globus-01 OIDC server \(re-globus-01.synchrotron-soleil.fr\)](#)

- Log in with your credentials **sunset id and associated password**
- **Do not use the proposal id as login.** *If you did it please, follow carefully the procedure described part 7 to properly log off. One person at a time is authorized to be logged in under the project number and this block the other users.*



SOLEIL
SYNCHROTRON

Login :
Please use your LDAP
credentials to login.

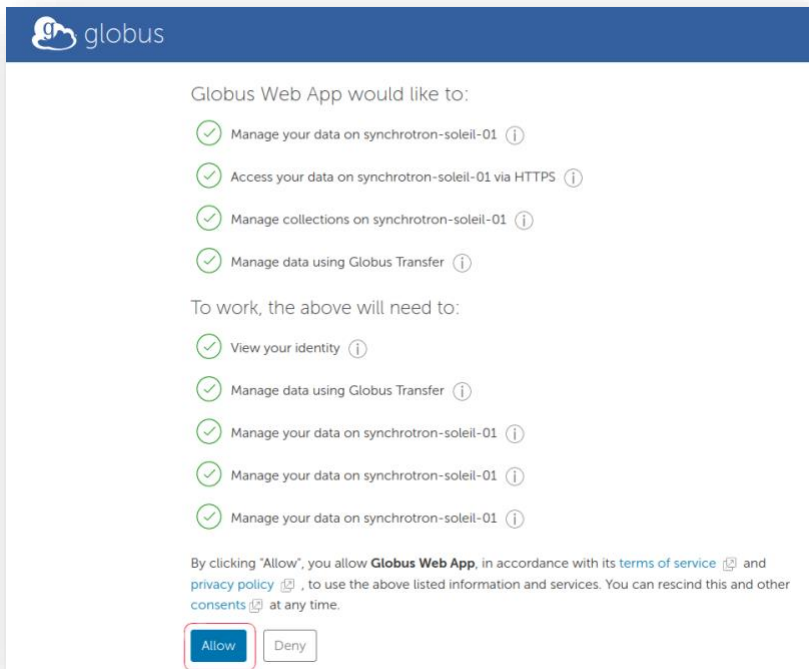
Username

Password

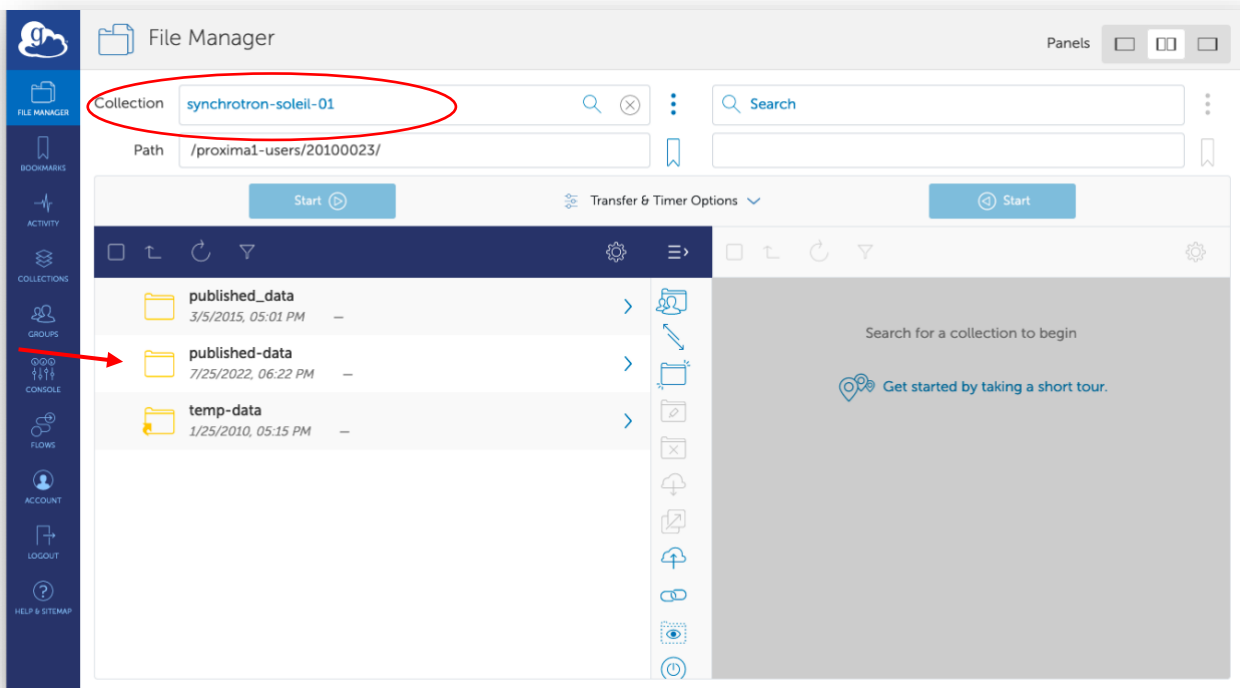
[Log In](#)

[Login Issues? Contact Administrator](#)

- Accept the requested authorization by clicking on "Allow"



- Fill the box "Path" with following value:
 - /beamline-users/project_number where beamline is the beamline name in lower case letters and the project number (8 digits project number).
 - Example: /proxima1-users/20100023
 - If you are successful, the directory listing will appear.
 - Your data are on published-data directory



3. WHICH ENDPOINT SHALL I TRANSFER DATA TO?

1. Your institution endpoint

Transfer to your institution's server to save personal data storage, but this is only possible if your institution has already a Globus account.

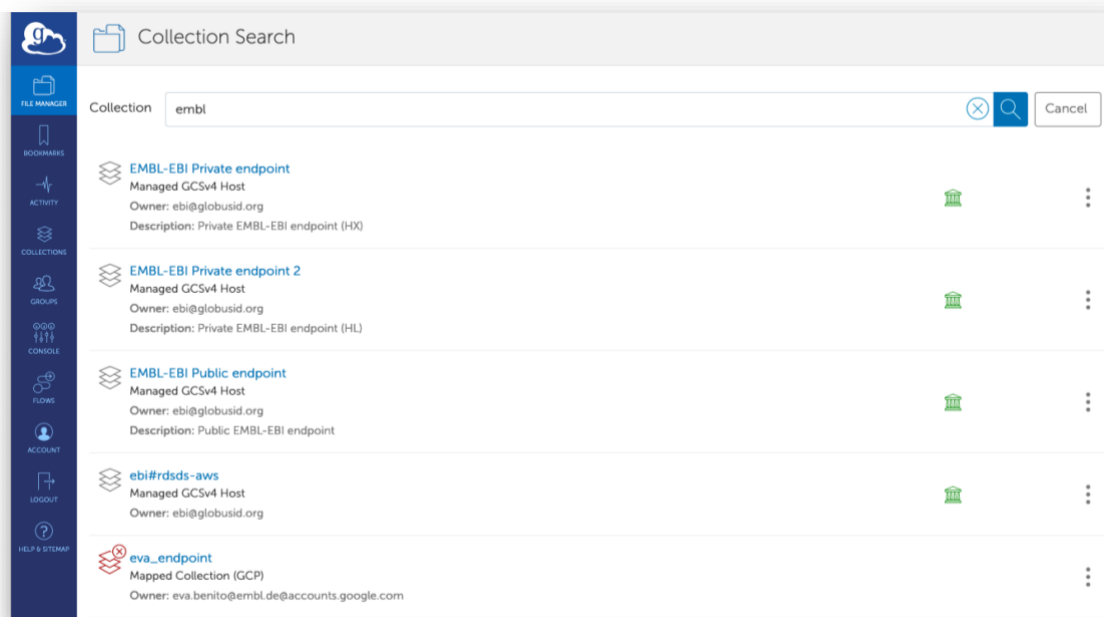
2. Your personal endpoint

- Transfer to your own computer data storage.
- You can enable one personal endpoint in minutes.

4. FIND YOUR INSTITUTION ENDPOINT

Each endpoint is named institution#project

- Search your institution's endpoint by typing the name of your institution in the endpoint field, suggestions will automatically appear.
- In the following example we tried to write *embl* :



If you cannot find your institution, contact your IT department to see if they have an endpoint set up.

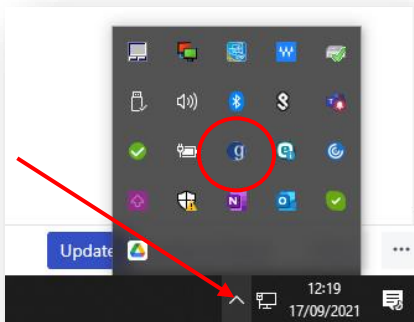
If your institution don't have an endpoint, we recommend that you make a request to your institution.

Alternatively, we suggest you to set up a personal endpoint on your own computer (if you have enough space and bandwidth to retrieve data).

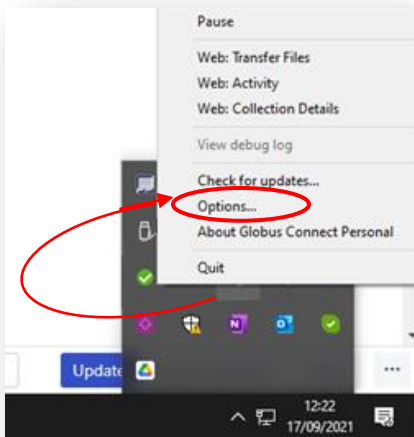
5. SET UP A PERSONAL ENDPOINT IF YOUR INSTITUTION DOESN'T HAVE ONE

If your institution doesn't have a Globus endpoint, you can create your own endpoint to transfer files to your personal computer during the Globus Connect Personal installation.

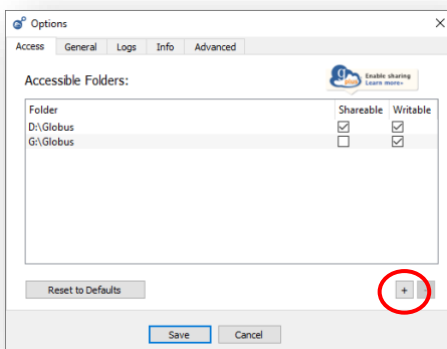
- Download your Globus Connect Personal here : <https://www.globus.org/globus-connect-personal> and install it
- Follow the installation instructions, choose a folder for storing data on your computer and a name for your endpoint (Collection name).
- To modify the options and monitor activity, you should find out the globus icon in the bottom right pane of windows (Active Applications):



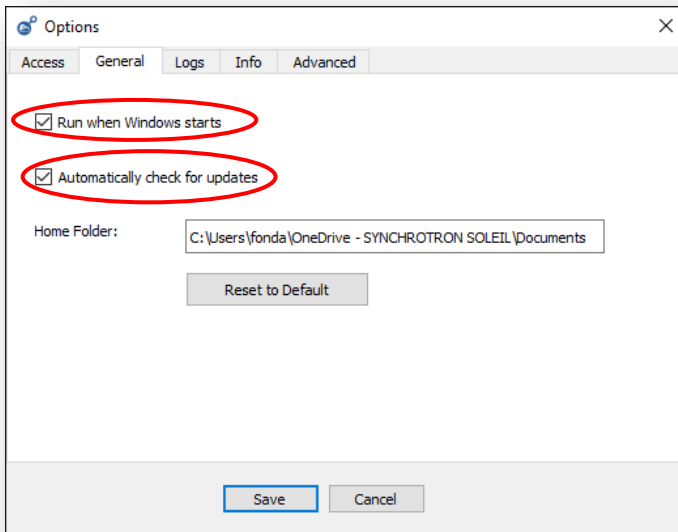
- Right click on the G (Globus) icon



- In the options window, add another transfer folder by clicking the plus symbol



- Browse to the location you would like to be able to transfer files to and from, and click 'Choose'
- To remove location from the available list ('Accessible Folders'), select it and click the minus button
- In the General tab, choose whether you would like Globus to run when Windows starts, or to automatically check for updates

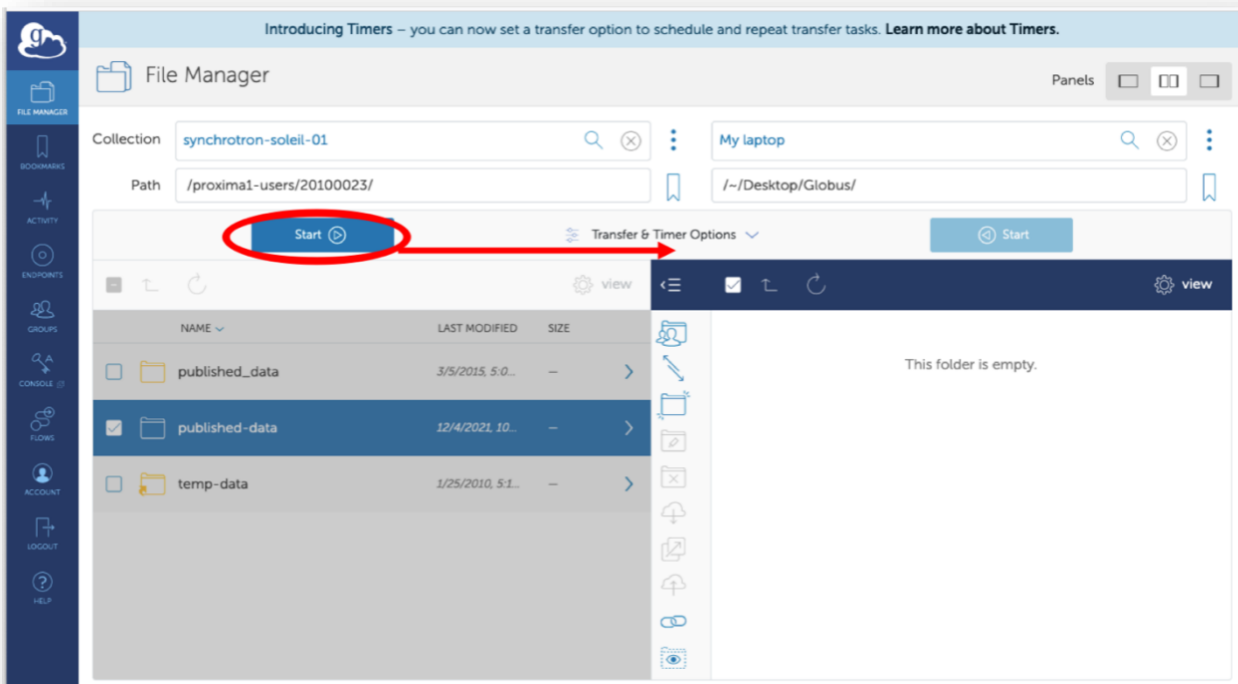


- **Click 'Save'**

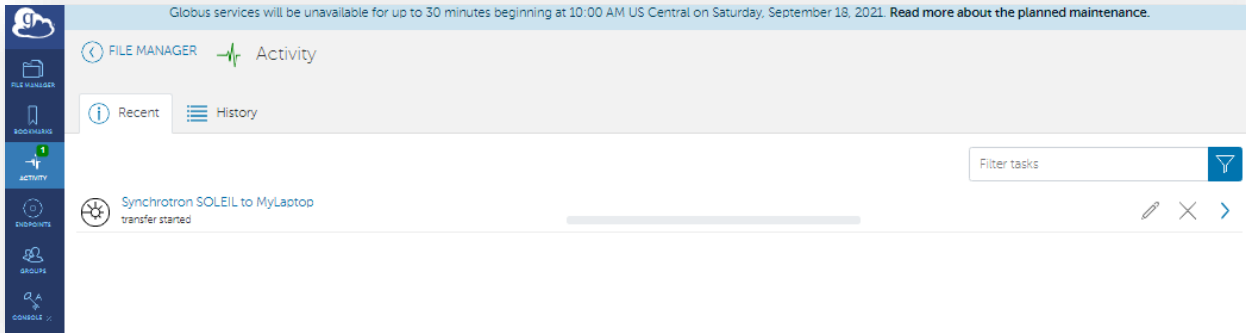
Good job! You should be ready to transfer files to your computer.

6. TRANSFER THE FILES

- Select the files or folders you want to transfer and click the Start button corresponding to the appropriate download direction:
 - the highlighted button will initiate a transfer from SOLEIL to your laptop



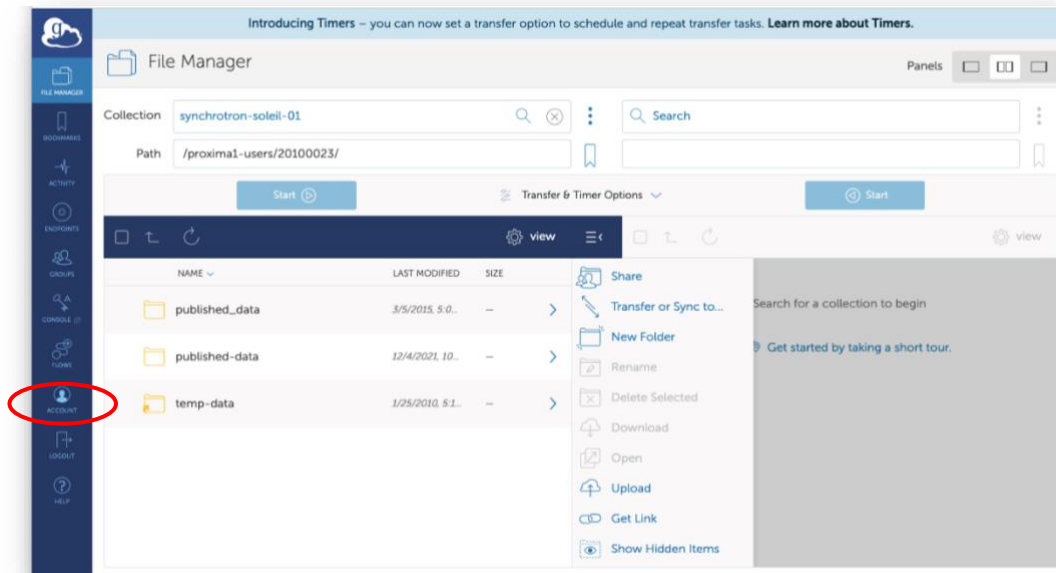
- The 'Activity' panel will report your transfer status and errors:



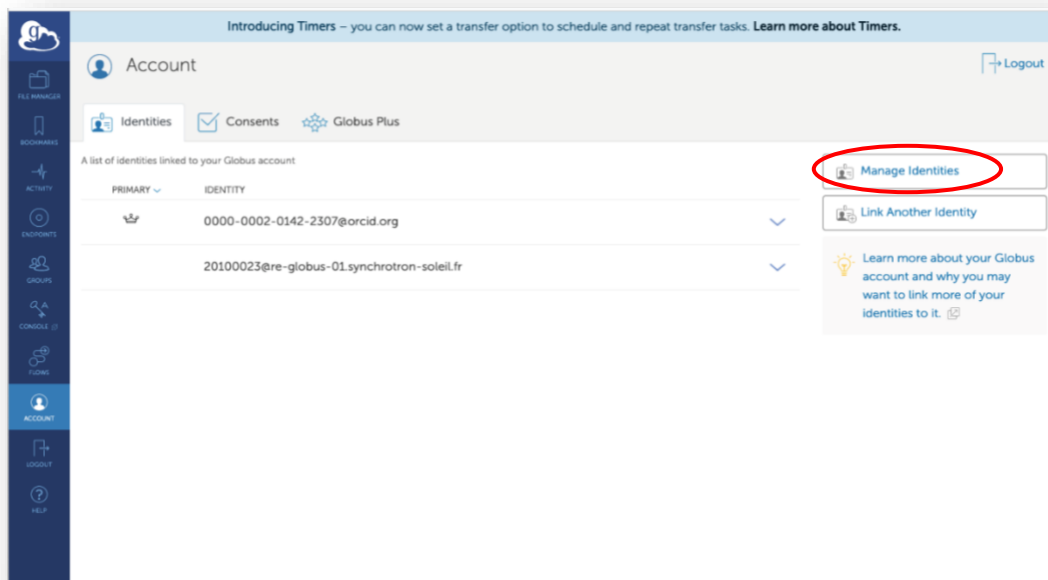
7. TO PROPERLY LOG OFF WHEN YOU USE THE PROJECT ACCOUNT

This procedure is also applicable if you want to change identity to access another folder. In this case, you should terminate, pause or complete your previous data transfer.

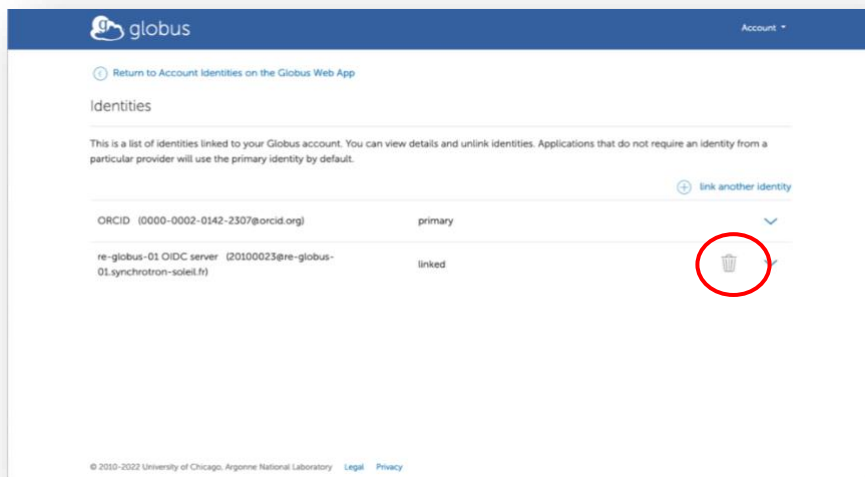
- click on Account :



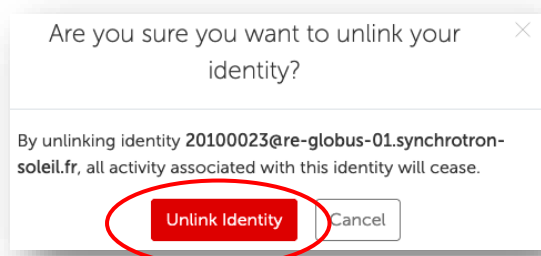
- click on Manage identities



- Click on the waste icon next to the connection you want to close



- Click on Unlink Identity



You will then be able to work to transfer files under your other credentials.

8. FAQ

- **Who can access the data in GLOBUS?**

Only the participants declared for the project session can access the data in globus by logging in with their sunset identifiers.

For BAGs, the project number for a session is unique and is made up of 12 to 16 digits. You will need to ask the local contact if you have not remembered it.

- **Having trouble creating the endpoint on your computer?**

This problem is most likely linked to network restrictions that may have been put in place in your institute. To create the endpoint on your computer, you will need to install Globus Connect Personal, which requires you to receive a web identification key that may be blocked by your network. In this case, install Globus Connect Personal from a less secure network, for example by connecting to your telephone network. Once installed, any network, even a very secure one, will be able to retrieve the data as the Globus Connect Personal will already be installed.

- **Having troubles creating the endpoint on your computer and transferring files while at your home institution?**

You should probably submit to your institute network administrator the problem and provide him with the ports to be opened for the correct use of GLOBUS.

These information can be found directly on the globus.org website : <https://docs.globus.org/globus-connect-personal/firewall-configuration/>.