

TRANSFER DATA WITH GLOBUS ONLINE



TABLE OF CONTENTS

1. LOG IN TO GLOBUS	2
2. TRANSFER FROM SOLEIL	3
3. WHICH ENDPOINT SHALL I TRANSFER DATA TO?.....	6
4. FIND YOUR INSTITUTION ENDPOINT	6
5. SET UP A PERSONAL ENDPOINT IF YOUR INSTITUTION DOESN'T HAVE ONE	7
6. TRANSFER THE FILES.....	10
7. CHANGE YOUR IDENTITY TO ACCESS ANOTHER FOLDER.....	11



1. LOG IN TO GLOBUS

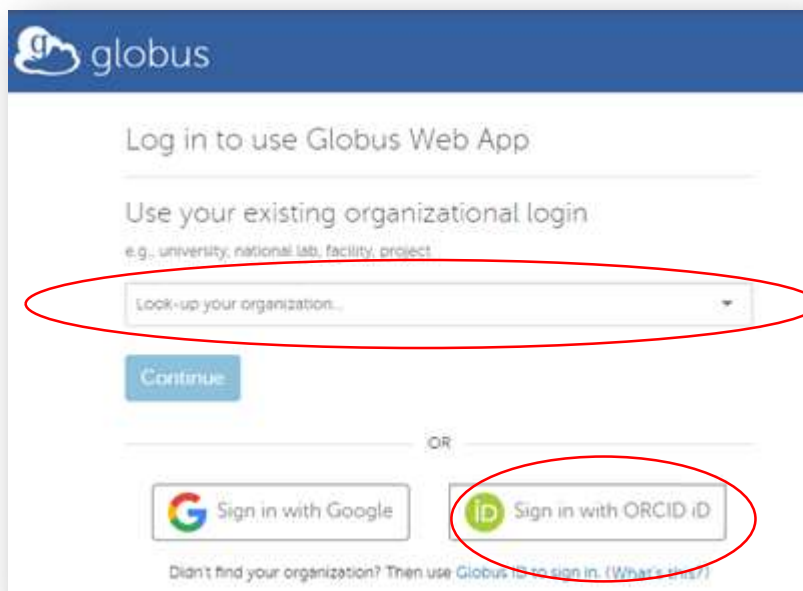
You will need two level of credentials: an existing organizational login or an ORCID iD and the SOLEIL project number and password.

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

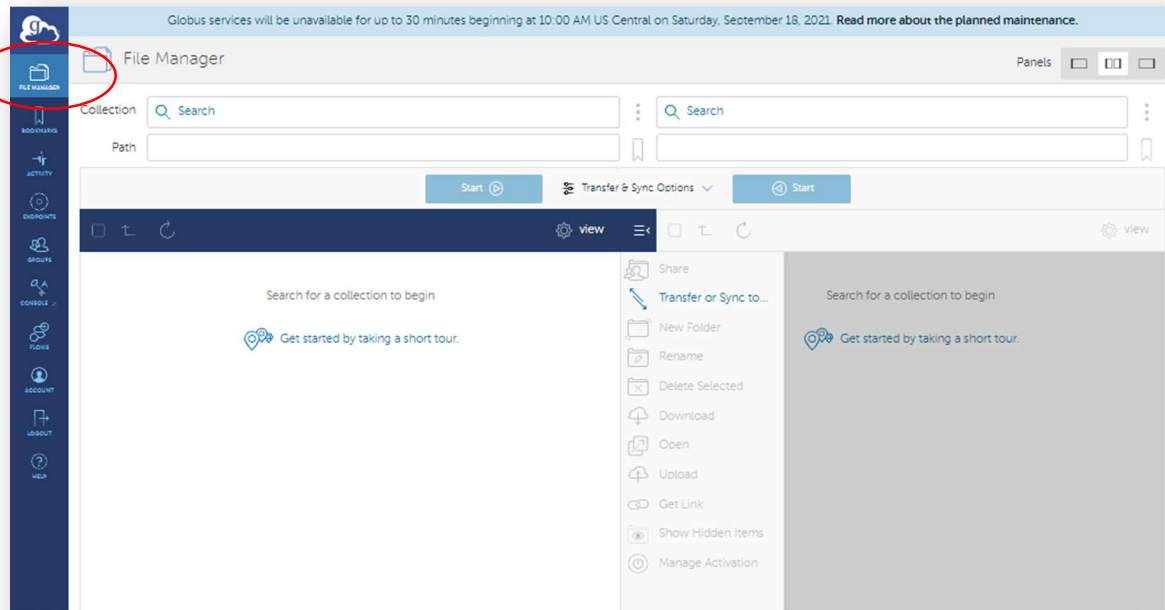
Go to globus website <https://globus.org> and click on "Log In"



Then Look-up your organization or pick the ORCID iD authentication :



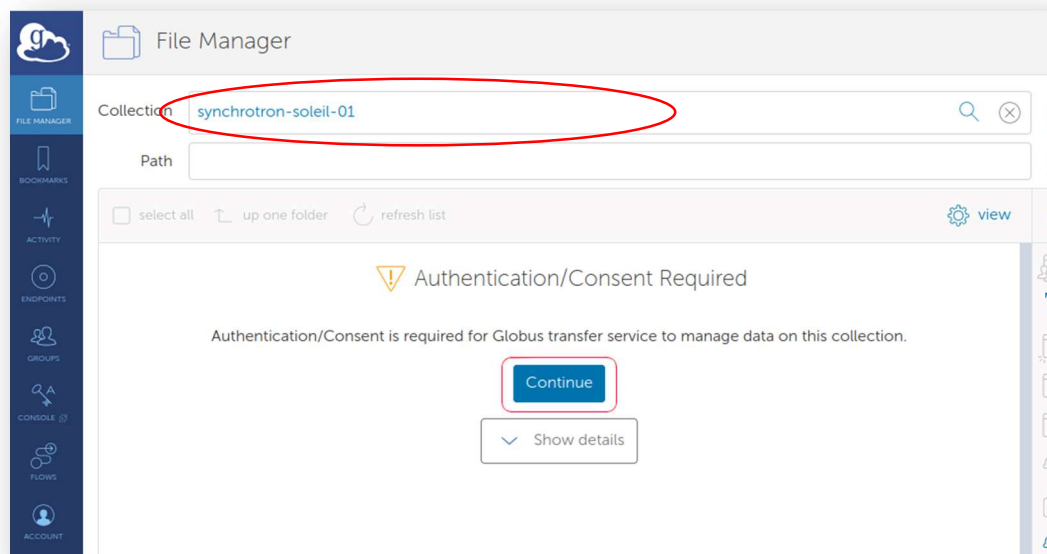
You will be redirected to the Globus File Manager:



2. TRANSFER FROM SOLEIL

To log into SOLEIL endpoint:

- click into the collection box (top left) and search **synchrotron-soleil-01**
- *Warning: another endpoint with a similar name exists, but you should not use it: "share on Synchrotron SOLEIL".*
- An authentication request will appear, click on "Continue"

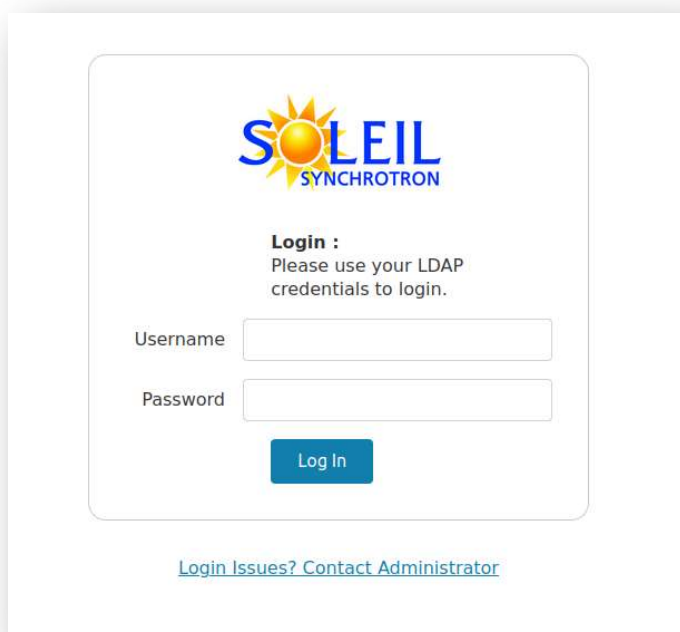


- Click on the "re-globus-01 OIDC server" link



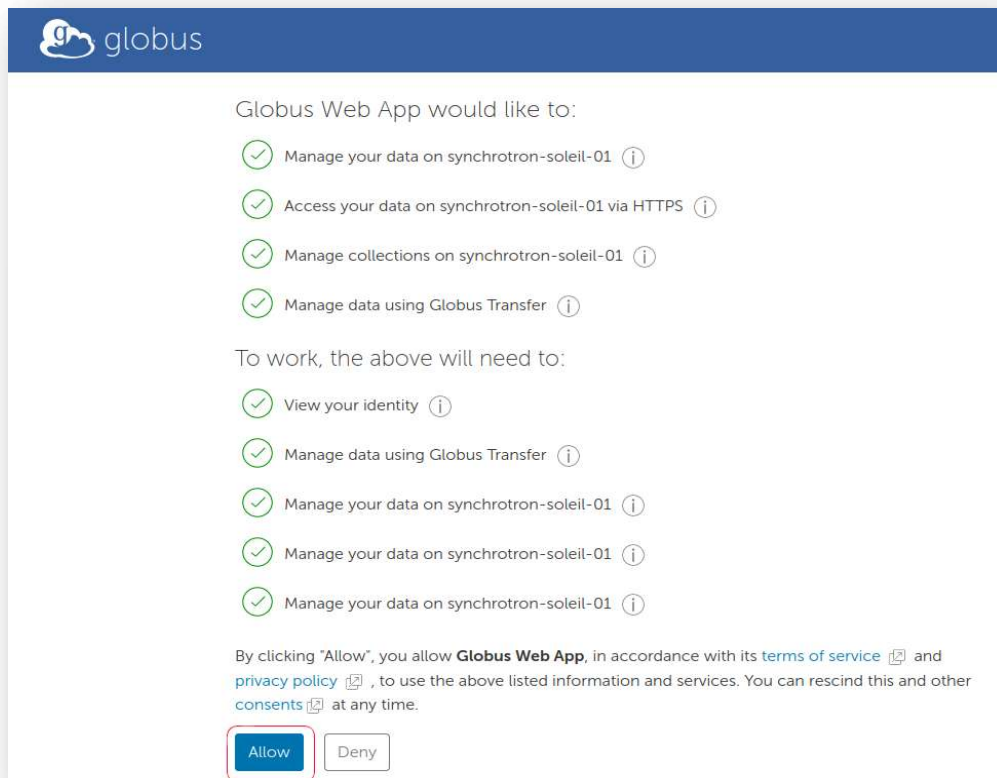
The screenshot shows the Globus 'Identity Required' page. At the top is the Globus logo. Below it, the heading 'Identity Required' is followed by the text: 'An identity from one of the following identity providers is required to continue. Please select the identity or identity provider to continue:'. A single bullet point lists 'Link an identity from' followed by a link 're-globus-01 OIDC server (re-globus-01.synchrotron-soleil.fr)' which is highlighted with a red rounded rectangle.

- Log in with your credentials : **Project number and associated password or sunset id and associated password**

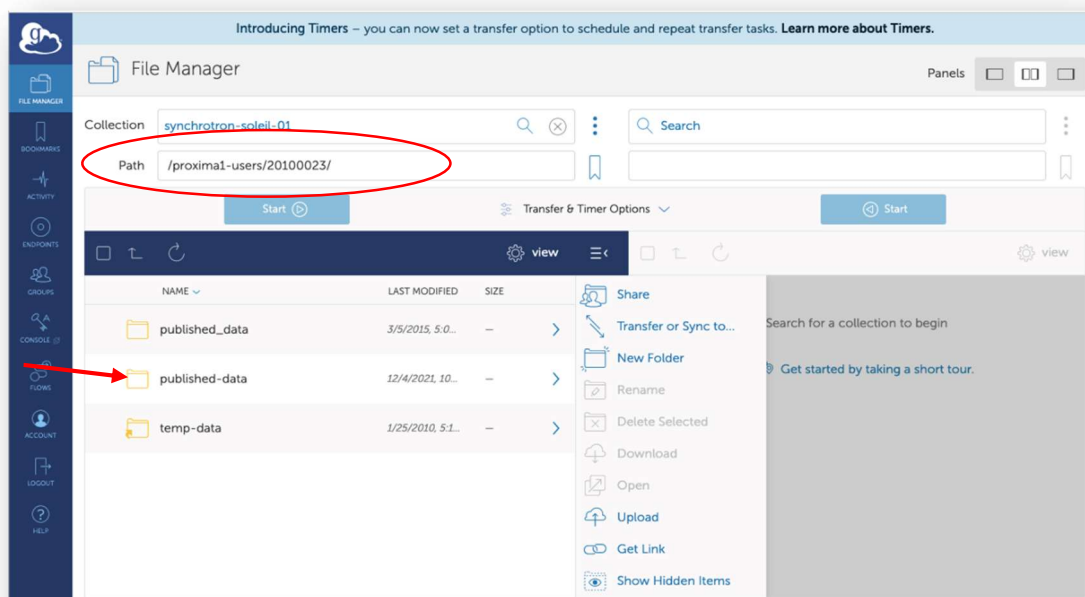


The screenshot shows the SOLEIL Synchrotron login page. At the top is the SOLEIL Synchrotron logo. Below it, the heading 'Login :' is followed by the text: 'Please use your LDAP credentials to login.'. There are two input fields: 'Username' and 'Password'. Below the 'Password' field is a blue 'Log In' button. At the bottom of the page is a link: '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.

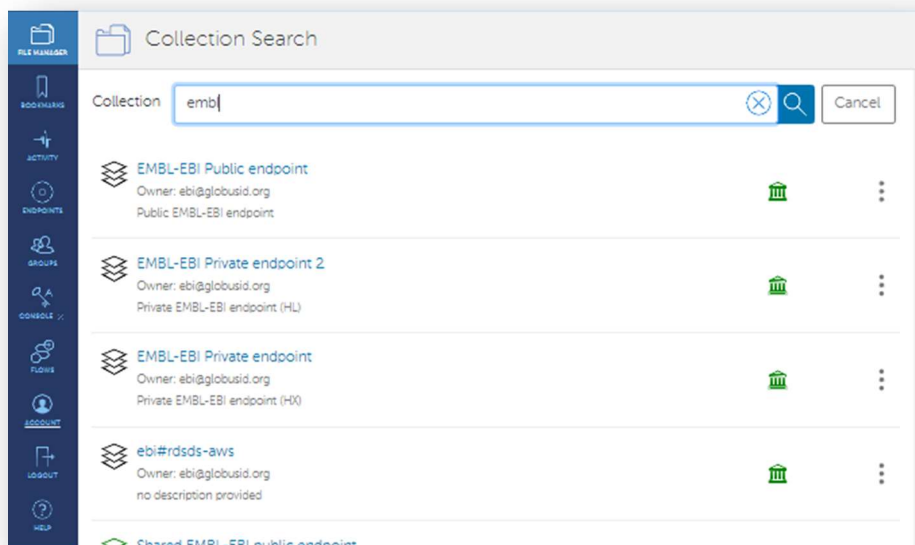
2. Your personal endpoint

- 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.

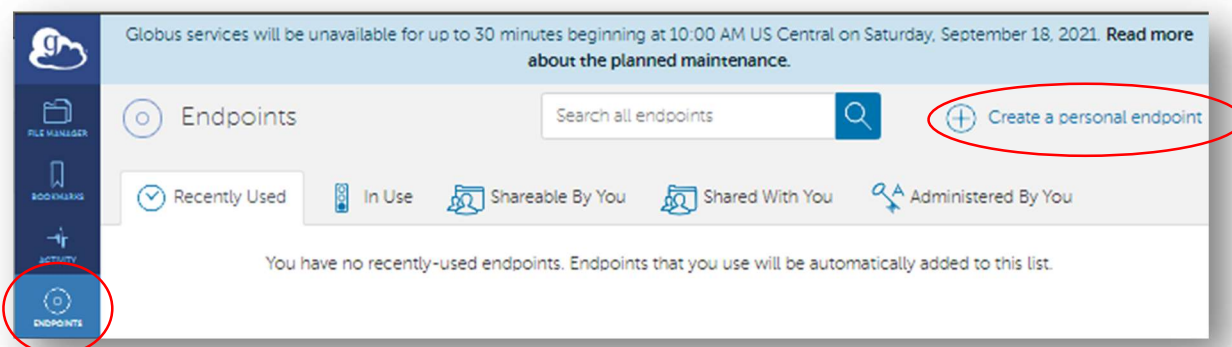
If your institution don't have an endpoint, we recommend that you make a request to your institution.

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

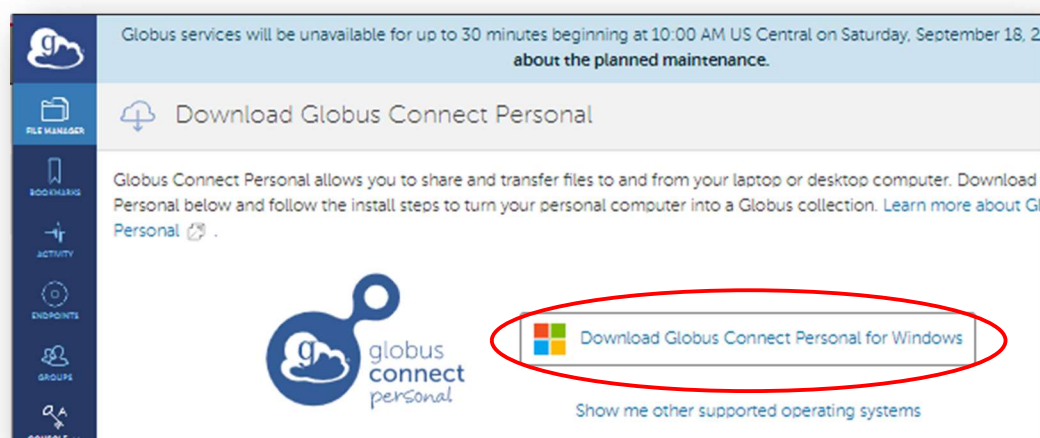
5. SET UP A PERSONAL ENDPOINT IF YOUR INSTITUTION DOESN'T HAVE ONE

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

- In your web browser open the Globus File Manager as shown before and then select **ENDPOINTS** in the left pane menu
- From the **ENDPOINTS** view click on "Create a personal endpoint"

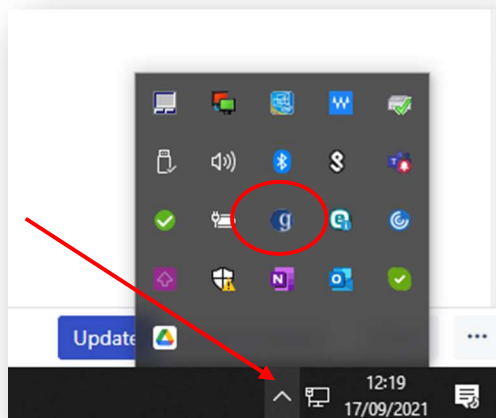


- Then download your Globus Connect Personal and install it

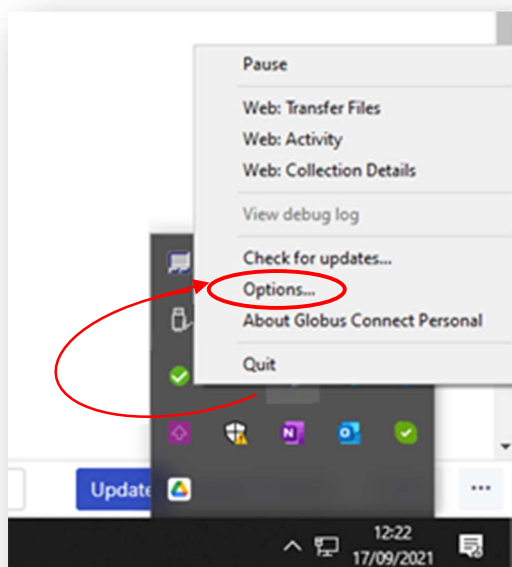


- Follow the installation instructions, choose a folder for storing data on your computer and a name for your endpoint.

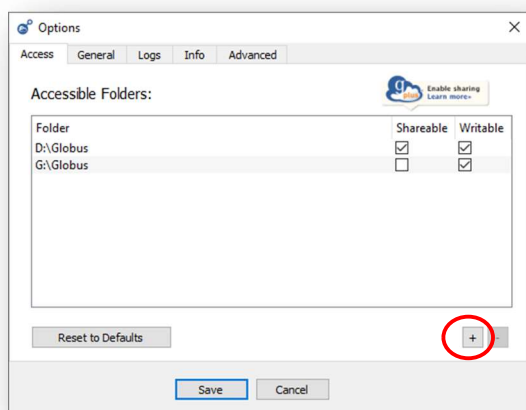
- To modify the options and monitor activity, you should find out the globus icon in the bottom right pane of windows (Active Applications):



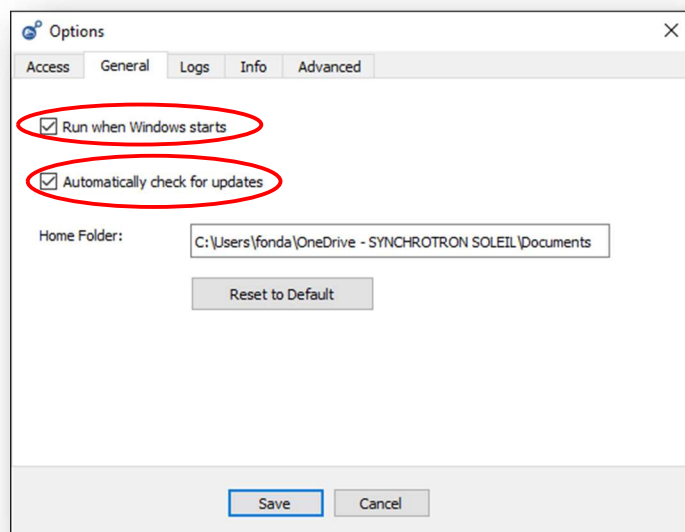
- Right click on the G (Globus) icon



- 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

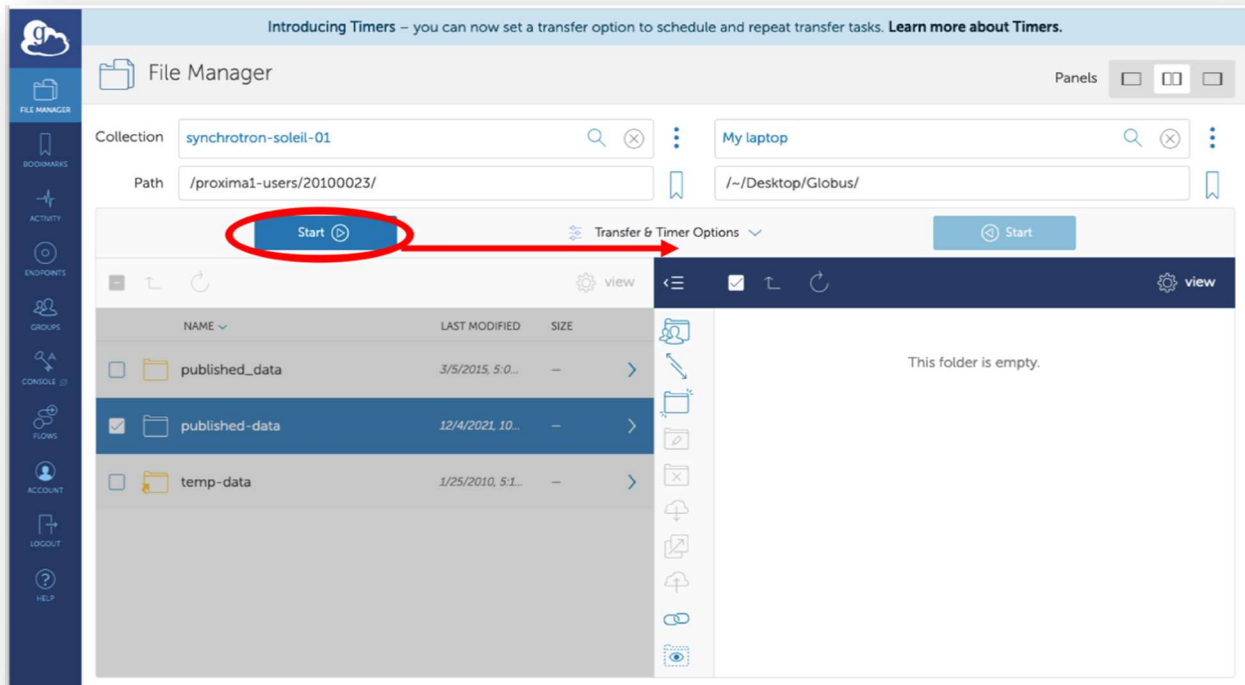


- **Click 'Save'**

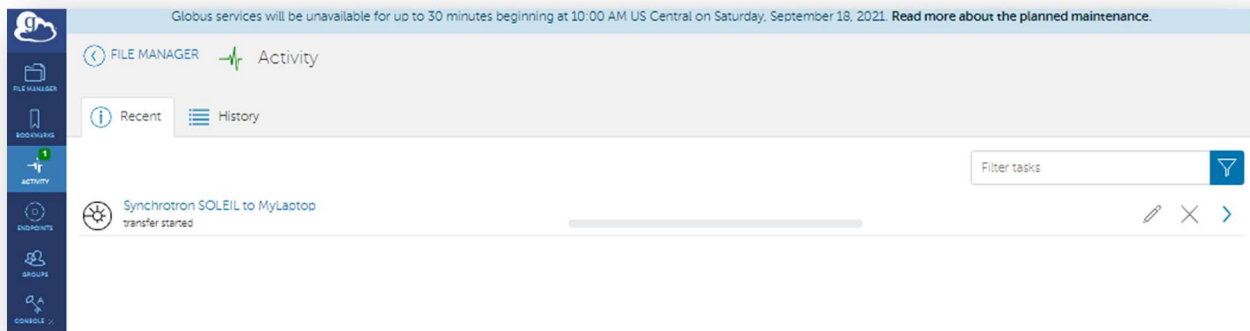
Good job! You should be ready to transfer files to your computer.

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



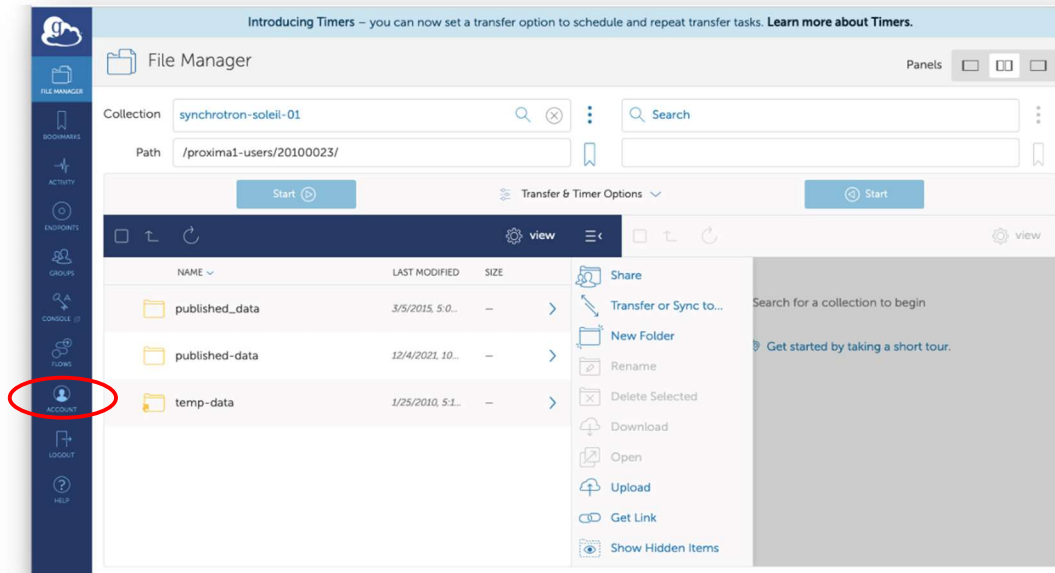
- The 'Activity' panel will report your transfer status and errors:



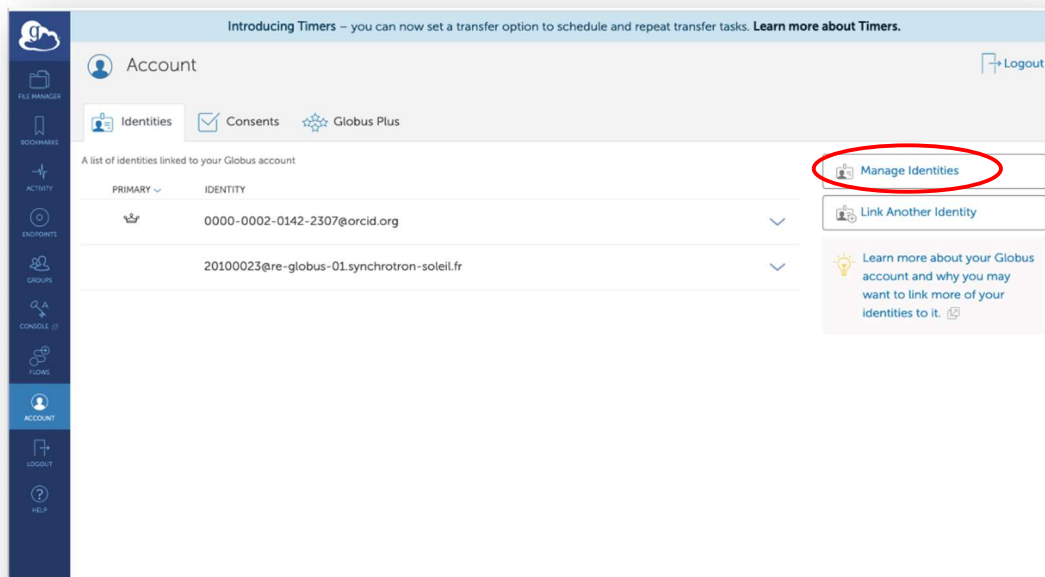
7. CHANGE YOUR IDENTITY TO ACCESS ANOTHER FOLDER

It may happen that other data is accessible through another SUN account.

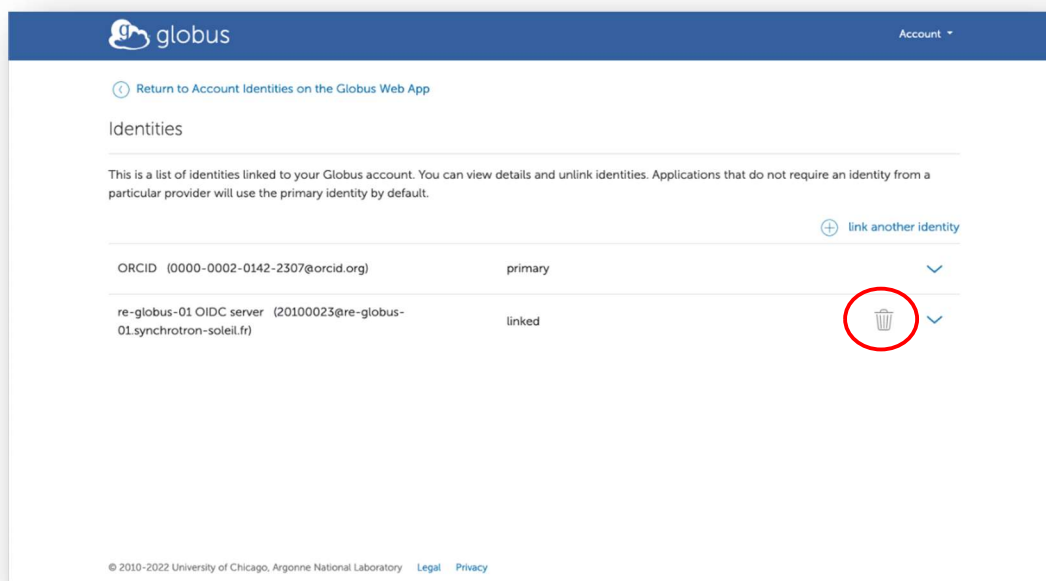
- In this case you should terminate, pause or complete your previous data transfer.
- click on Account :



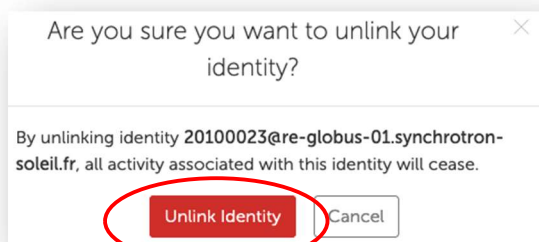
- click on Manage identities



- 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.