

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: <u>https://orcid.org/register</u> if you do not have one already. Go to globus website <u>https://globus.org</u> and click on "Log In"



Then pick the ORCID iD authentification :



You will be redirected to the Globus File Manager:

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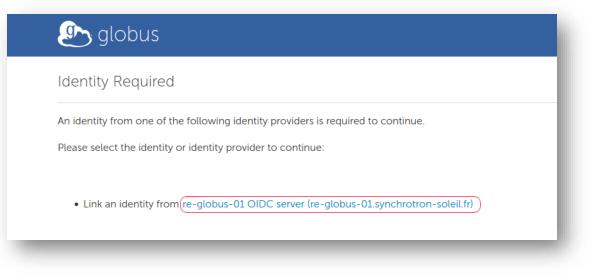
2. TRANSFER FROM SOLEIL

To log into SOLEIL endpoint:

- click into the collection box (top left) and search **synchrotron-soleil-01** An authentification request will appear, click on "Continue" •
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FILE MANAGER	Collection synchrotron-soleil-01		Q Search
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©©© †↓†↓ CONSOLE FLOWS	Session reauthentication required You must log in with an identity from the following domain in order to access synchrotron-soleil-01. • re-globus-01.synchrotron-soleil.fr		
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• Click on the "re-globus-01 OIDC server" link



- 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.

Username	Login : Please use your LDAP credentials to login.	
Password	Log In	
Login Is	sues? Contact Administrator	

• Accept the requested authorization by clicking on "Allow"

🖭 globus	
	Globus Web App would like to:
	Manage your data on synchrotron-soleil-01 (j)
	Access your data on synchrotron-soleil-01 via HTTPS (j)
	Manage collections on synchrotron-soleil-01 (j)
	Manage data using Globus Transfer (j
	To work, the above will need to:
	View your identity (j)
	⊘ Manage data using Globus Transfer (j)
	Manage your data on synchrotron-soleil-01 (j)
	Manage your data on synchrotron-soleil-01 (j)
	Manage your data on synchrotron-soleil-01 (j)
	By clicking "Allow", you allow Globus Web App , in accordance with its terms of service (2) and privacy policy (2), to use the above listed information and services. You can rescind this and other consents (2) at any time.
	Allow

- Fill the box "Path" with following value:
 - <u>/beamline</u>-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
 - o If you are successful, the directory listing will appear.
 - Your data are on published-data directory

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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 :

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	Collection	embl	<mark>⊗</mark> ୧	Cancel
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		ds-aws I GCSv4 Host bil@globusid.org	童	:
		dpoint Collection (GCP) vva.benito@embl.de@accounts.google.com		:

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).

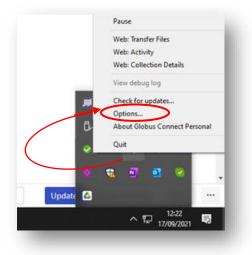
5. SET UP A PERSONAL ENDPOINT IF YOUR INSTITUTION DOESN'T HAVE ONE

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.

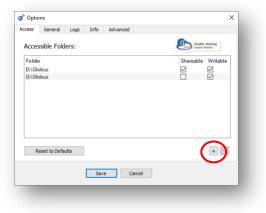
- Download your Globus Connect Personal here : <u>https://www.globus.org/globus-connect-personal</u> and install it
- Follow the installation instructions, choose a folder for storing data on your computer and a name for your endpoint (Collection name).
- To modify the options and monitor activity, you 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

S Options	×
Access General Logs Info Advanced	_
Run when Windows starts	
Home Folder: C:\Users\fonda\OneDrive - SYNCHROTRON SOLEIL\Documents Reset to Default]
Save Cancel	

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:

Ð		Introducing Timers -	- you can now set a	transfer	r option to	schedule	e and repeat transfer tasks. Lear	n more about Time	rs.			
	File	Manager							Panels			
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o the highlighted button will initiate a transfer from SOLEIL to your laptop

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

Globus services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday, September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday, September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday, September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday, September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday, September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday. September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday. September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday. September 18, 2021. Read more about the planned maintenance. Image: Services will be unavailable for up to 30 minutes beginning at 10:00 AM US Central on Saturday. September 18, 2021. Read more about the planned maintenance. Image: Service se	
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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 :

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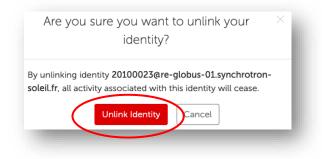
• click on Manage identities

• >		Introducing Timers –	you can now set a transfer opt	ion to schedule and repeat transfe	er tasks. Learn mo	re about Timers.
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	Identities	Consents	obus Plus			
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2 <u>2</u> 		20100023@re-globus-01.	synchrotron-soleil.fr		~	
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Click on the waste icon next to the connection you want to close

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(Return to Account Identities on the Globus Web App		
Identities		
This is a list of identities linked to your Globus account. You ca particular provider will use the primary identity by default.	n view details and unlink identities. Applic	cations that do not require an identity from a
		(+) link another identity
ORCID (0000-0002-0142-2307@orcid.org)	primary	\sim
re-globus-01 OIDC server (20100023@re-globus- 01.synchrotron-soleil.fr)	linked	
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• Click on Unlink Identity



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