



Globus CLI

👤 Created by	 Janet B. Wallace
🕒 Created time	@June 20, 2023 9:39 AM
👤 Last edited by	 Janet B. Wallace
🕒 Last edited time	@June 20, 2023 11:27 AM
☰ Tags	Globus O2

- First, install pipx in O2: <https://pypa.github.io/pipx/>
- Then, install globus-cli by `pipx install globus-cli`
- Now, you can use `globus` commands
- Clicking on the url itself *does not work*. Instead copy it and paste it in your browser to login. Then you can copy and paste the authorization code into your command window.
- The two end points we care about are: `'Harvard FAS RC Holyoke'` and `'HMS-RC-Endpoint'` you can search for these by using the following command `globus endpoint search 'HMS-RC-Endpoint'` as an example
- Now, you can edit the shell script `globusTransfer.sh` with your directories and endpoint UUIDs.
- Once edited, you can run from and O2 interactive node: `sh ./globusTransfer.sh`
- You will likely be prompted to login again. Once successful you should see the following:

```
(base) [jbw25@compute-a-16-81 ~]$ sh ./globusTransfer.sh
Message: The transfer has been accepted and a task has been created and queued for execution
Task ID: 91a4697a-0f7d-11ee-be3e-195c41bc0be4
(base) [jbw25@compute-a-16-81 ~]$
```

- Once the transfer is complete you will receive an email like the following:

SUCCEEDED - HMS to Harvard

GN

Globus Notification <no-reply@globus.org>

To: Wallace, Janet Berrios

TASK DETAILS

Task ID: 91a4697a-0f7d-11ee-be3e-195c41bc0be4

Task Type: TRANSFER

Status: SUCCEEDED

Source: HMS-RC

Destination: Harvard FAS RC Holyoke

Label: HMS to Harvard

Request Time: 2023-06-20 15:17:29.583313 (UTC)

Completion Time: 2023-06-20 15:19:01.006231 (UTC)

Files Transferred: 2176

Directories Transferred: 1090

Bytes Transferred: 74624148990

Effective Speed: 816252102 Bytes per Second

Transfer Settings:

- verify file integrity after transfer
- transfer is not encrypted
- overwriting all files on destination

View the task in the Globus Web app here:

<https://app.globus.org/activity/91a4697a-0f7d-11ee-be3e-195c41bc0be4/overview>

This is a courtesy notification. Please do not reply to this email.