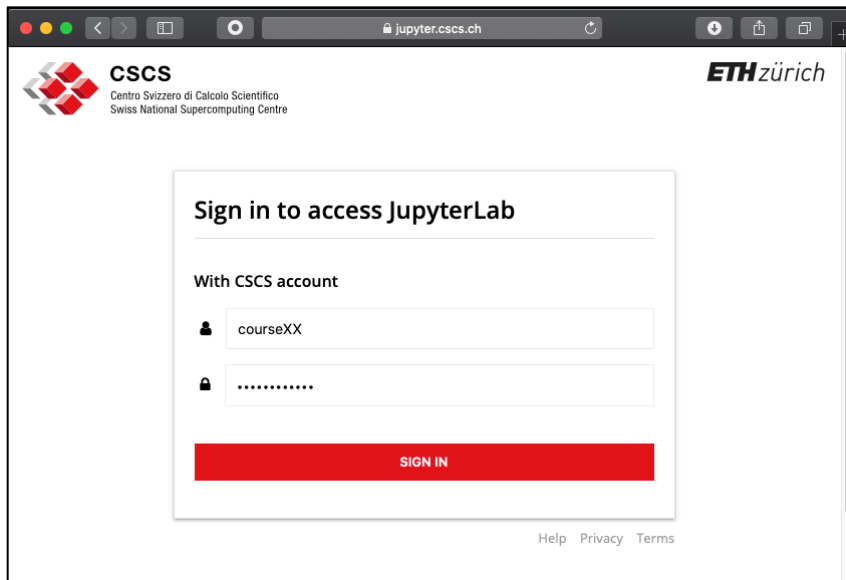


High Performance for Weather and Climate (HPC4WC)

Getting Started Guide

1. Get a password
2. Open a browser
3. Go to <https://jupyter.cscs.ch/>
4. Login with your username and password



Sign in to access JupyterLab

With CSCS account

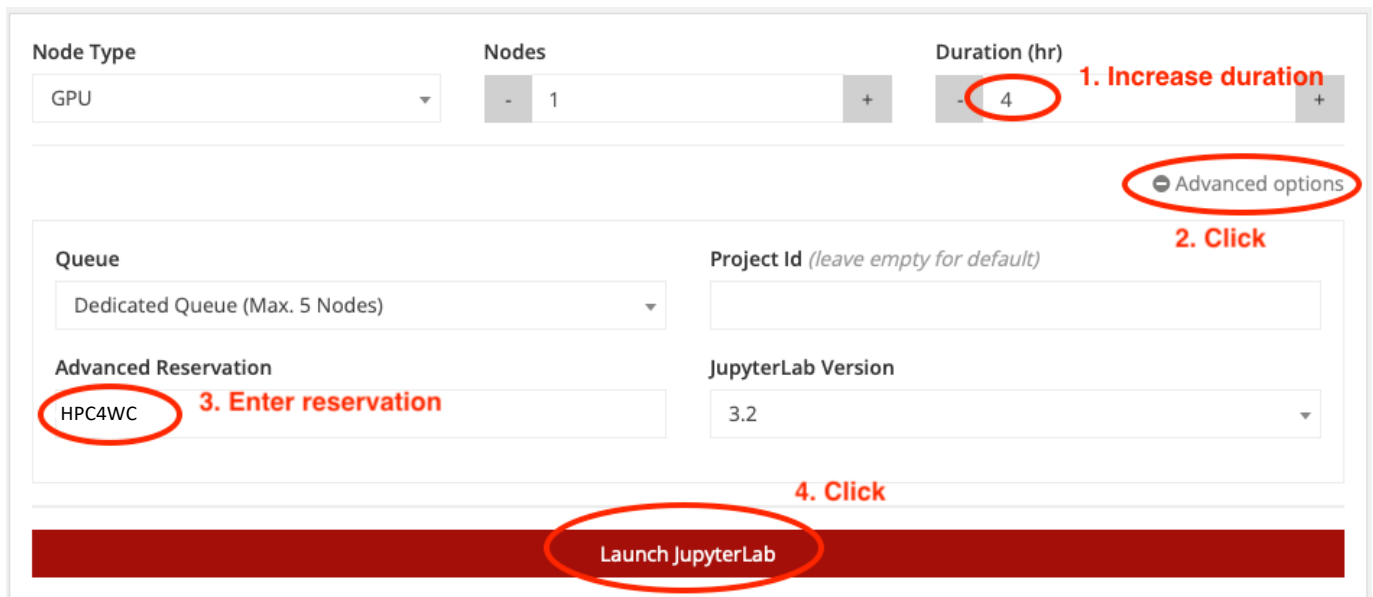
courseXX

.....

SIGN IN

Help Privacy Terms

5. Configure settings (see below) and click on “Launch JupyterLab”



Node Type: GPU

Nodes: 1

Duration (hr): 4

1. Increase duration

Advanced options

2. Click

Queue: Dedicated Queue (Max. 5 Nodes)

Project Id (leave empty for default)

Advanced Reservation: HPC4WC

3. Enter reservation

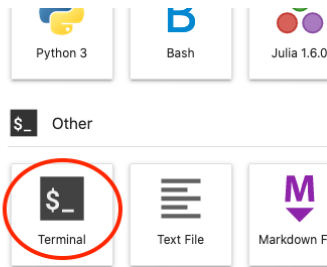
JupyterLab Version: 3.2

4. Click

Launch JupyterLab

NOTE: The instructions continue on next page!

6. Wait until JupyterHub has started up.
7. In the Launcher window on the right, click on Other → “Terminal”. A terminal prompt should appear.



8. Type the following commands to change your password. Make sure you don't forget your new password. We have no way of recovering it!

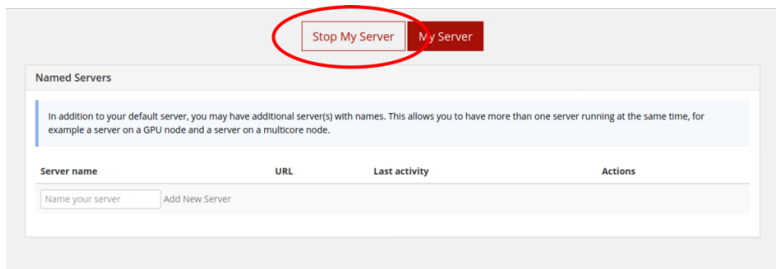
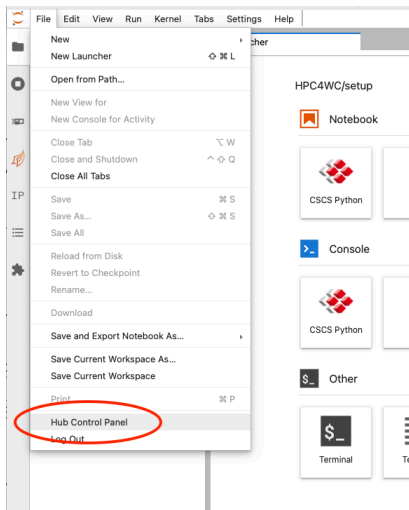
```
ssh ela.cscs.ch    (→ and enter you password)
passwd             (→ and enter your old as well as a new password)
exit
```

9. Type the following commands to install the HPC4WC environment

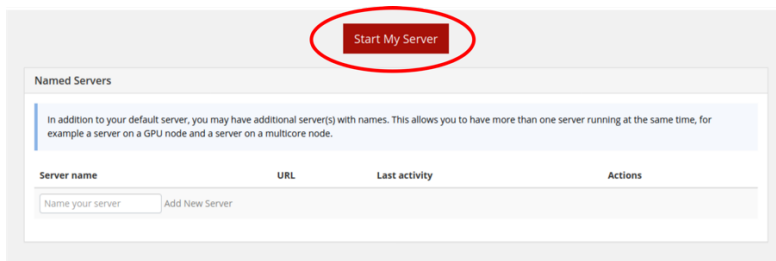
```
git clone https://github.com/ofuhrer/HPC4WC.git
./HPC4WC/setup/HPC4WC_setup.sh
exit
```

NOTE: The instructions continue on next page!

10. Stop the current JupyterHub Server by selecting File -> Hub Control Panel and then clicking on the “Stop My Server” button. Wait for a while until the Server has fully stopped.



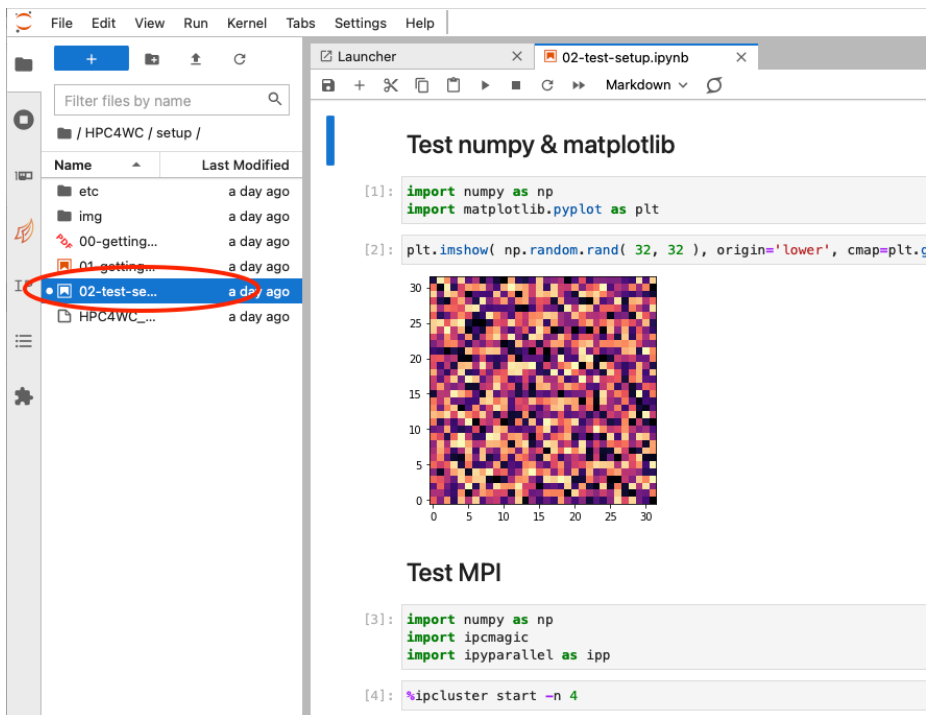
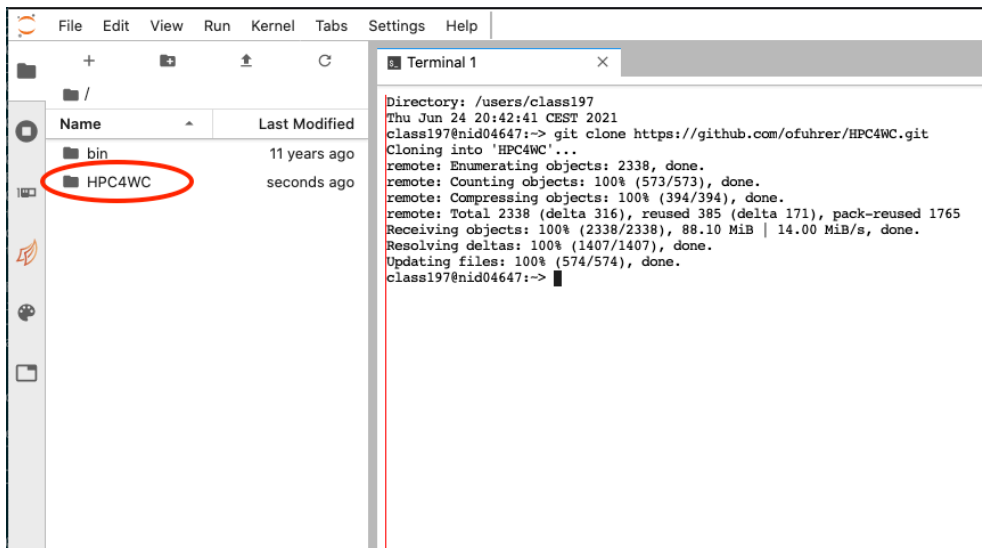
11. Click on “Start My Server”



12. Repeat step 5 above to configure and launch a new JupyterHub server. Wait for the server to spin up.

NOTE: The instructions continue on next page!

13. Make sure you can view the left sidebar. In the left sidebar double click on “HPC4WC” → “setup” → “02-test-setup.ipynb”



NOTE: End of instructions!