

WORKING WITH THE HPC CLUSTER

hard facts

compute CPUs: 1.536

compute RAM: 15.360 GB

GPUs: 32 x A100 (80 GB)

14 x A100 (40 GB)

storage: 672 TB (HDD)

207 TB (SSD)

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enables powerful machine learning applications (inference and training)

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https://docs.hpc.hs-osnabrueck.de https://web.hpc.hs-osnabrueck.de



access from within the university's network using a modern web browser

- 1. open SSH shell
- 2. copy virtual environment
- 3. start new JupyterLab instance
- 4. clone provided git repository

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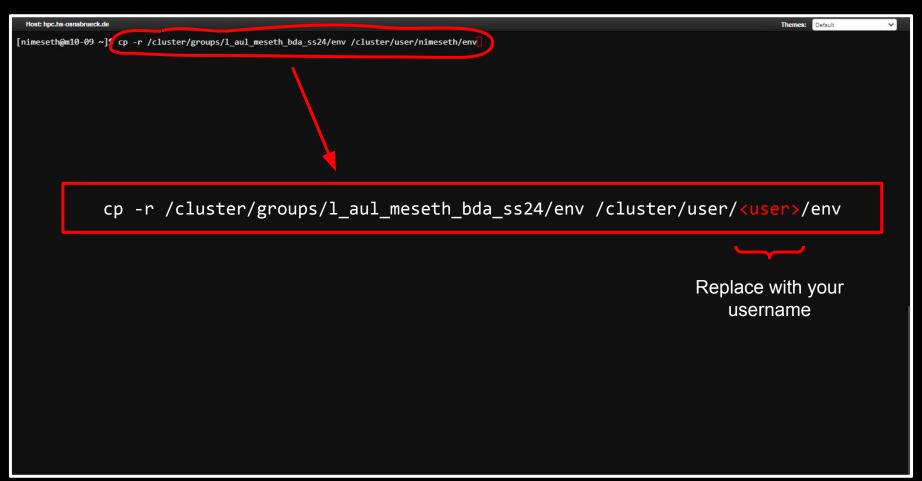
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? Help ▼ ≜ Logged in as nimeseth Log Out

Host: hpc.hs-osnabrueck.de Themes: Default Welcome to the HiPer4All HPC Cluster! By using our services, you agree to the Cluster's Fair Use Policy! You can read it at https://docs.hpc.hs-osnabrueck.de/en/pages/overview/fair-use.html Last login: Tue May 21 14:30:47 2024 from 172.25.198.21 Linux 4.18.0-513.24.1.e18_9.x86_64 - Rocky Linux release 8.9 (Green Obsidian) [nimeseth@m10-09 ~]\$

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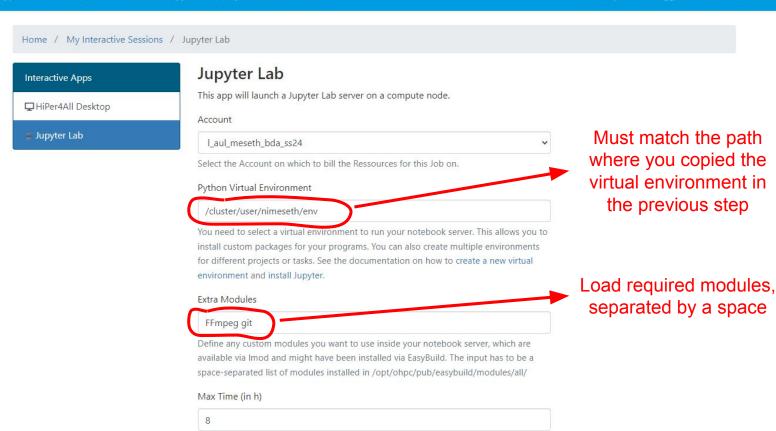
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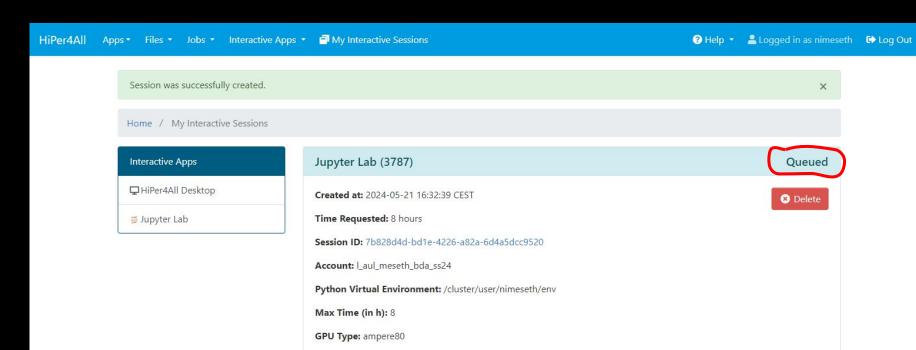
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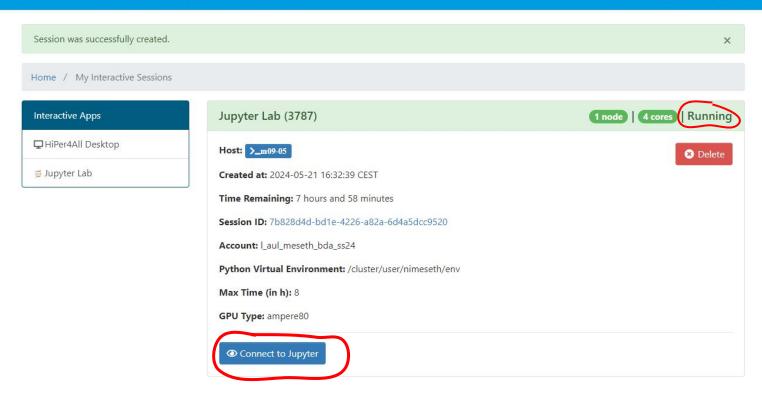


requested.

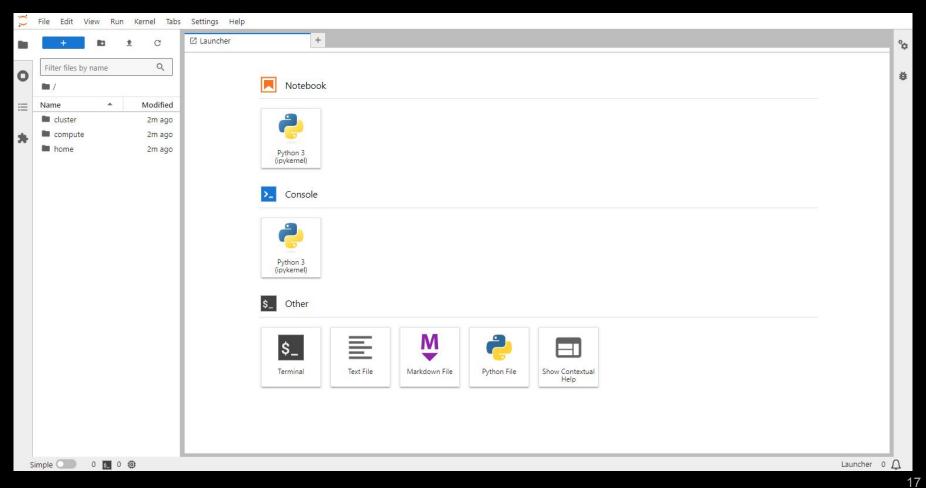
Please be patient as your job currently sits in queue. The wait time depends on the number of cores as well as time

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Host hpc.hs-osnabnuck.de

(env) [nimeseth@m10-09 ~]\$ pwd
/home/nimeseth
(env) [nimeseth@m10-09 ~]* git clone https://github.com/winf-hsos/data-analytics-cluster-code.git

useful commands

1s -a List all files and folders, including hidden ones

rm -r <folder> Remove all files and subfolders in <folder>

cd <folder> Change directory to folder

cd .. Move one folder up

pwd Show the current folder

cp -r <from> <to> Copy all content from one folder to another