Template repo -

https://gitlab.cs.uni-saarland.de/mara00002/torch-condor-template

- Fork the template repo and clone it.
  (Check steps in **readme** for ssh config)

VPN - https://www.hiz-saarland.de/dienste/vpn/einrichtung-vpn-client-windows

- vpn.hiz-saarland.de (creds same as hiz e.g.abdc000)

Setup ssh key to access **sci_cluster** and **git**

How to Access Cluster -

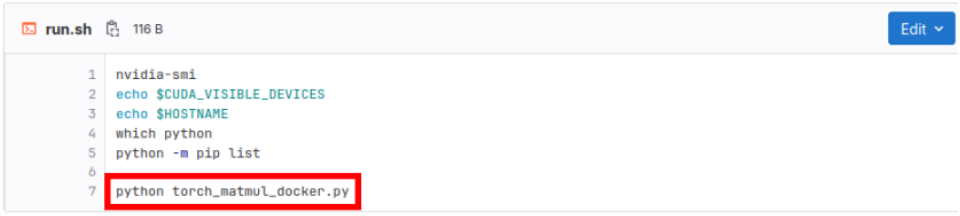
- Cluster Login -
  Username - neuronet_team050@conduit.cs.uni-saarland.de
  Password - vBdeIJm22jJYHuV
- ssh neuronet_team050@conduit.cs.uni-saarland.de
- Copy code from local to cluster -
  - scp -r code neuronet_team050@conduit.cs.uni-saarland.de:/home/neuronet_team050/torch-condor-template/

Conda Commands-

https://kingsx.cs.uni-saarland.de/index.php/s/ssmj33dxmgGsAYd

Submitting Scripts to the Cluster

Point run.sh to your script



Adjust `run.sub` for log file names

This process triggers `conda_run.sh`, which in turn selects the Conda environment as specified in the `environment.yml` file, and subsequently executes the script defined in `run.sh`. **To modify the Python script being executed, simply edit the last line in the `run.sh` file.**

Commands -

1. `condor_submit run.sub`
2. condor_q (-analyze / -better)

- Check log files - “exit code 0”
- Err files - there shouldn’t be any errors
- Output files - to check the stdout statements
- Copy folder(torch-condor-template) to local machine -
    - scp -r neuronet_team050@conduit.cs.uni-saarland.de:/home/neuronet_team050/torch-condor-template .
- Create a zip with all the files in it (torch-condor-template)

FAQ -
https://wiki.cs.uni-saarland.de/en/HPC/faq

Note -
It is currently very tricky to run notebooks on the cluster, so please use **python scripts** instead. , your **zip** file must include all the necessary files to run your code on the cluster