Step 1: Log on to fireball, subzero, loki

Step 2: Create a screen session

Screen -S jp

Step 3: activate an environment which has jupyter-lab

conda activate (env)

If you don’t have one:

conda install -c conda-forge jupyterlab

Step 4: type the following

Jupyter-lab --ip=0.0.0.0 --no-browser

wait for a session to be created

Graphical user interface, text

Description automatically generated

Copy the token= X (copy X), fireball.chem.colostate.edu:8888 (make note of 8888)

Logout of screen: control+A followed by ‘d’

Step 5: Open new terminal on laptop

ssh -NL 1235:localhost:(number from above- 8888) [user@fireball.chem.colostate.edu](mailto:user@fireball.chem.colostate.edu)

type password

Step 6: Open new window on chrome/safari

<http://127.0.0.1:1235/lab/workspaces/>

Paste Token in the below part to create a password and create a new password so that it can be used again if required. If password is created, token won’t be needed.

This will open Jupyter lab on safari and you can access all files and edit them easily as well.