

Basic Unix for Abel

Swcarpentry - shell-novice

- <https://swcarpentry.github.io/shell-novice/01-intro/>

Terminal text editor

- nano
- vim
- emacs

Connection and transfers

- ssh
 - Connect to a remote computer
 - Connect to Abel
 - `ssh USERNAME@abel.uio.no`
- sftp, scp, rsync
 - Copy files
 - Copy a file to abel from the laptop
 - `scp -p THE_FILE USERNAME@abel.uio.no:~/`

Some useful commands

- Pwd - current working directory
- hostname - print the name of the computer
- projects - Projects that are available, to be paid for the jobs
- cost - amount of hours left in the project
- freepe - details about current cluster state
- queue - job queue
- dsuage - Disk usage
- df -h - available drives
- cd \$HOME - home directory
- echo \$USER