

Command Line/Cluster Cheat Sheet

Useful Terminal Commands

Navigate Folders (AKA Directories)

<code>pwd</code>	Print working directory
<code>ls</code>	List files in working directory
<code>cd</code>	Change working directory
<code>cd ..</code>	Change working directory “up” one level
<code>cd ~</code>	Change working directory to “home” directory
<code>help cd</code>	Check the help page for the command “cd” (type q to quit)

Print File Contents

<code>cat file.txt</code>	Print the contents of “file.txt”
<code>head file.txt</code>	Print the top of “file.txt”
<code>tail file.txt</code>	Print the end of “file.txt”

Cluster

Logging in and out

Reminder: **Connect to Emory VPN** (vpn.emory.edu) before logging on to the cluster

<code>ssh netid@clogin01.sph.emory.edu</code>	Log in to the cluster
<code>exit</code>	Log out of the cluster

Interactive terminal

Reminder: **Never run code or jobs on the login node.** Connect to an interactive terminal.

<code>srun -p interactive-cpu -pty bash</code>	Connect to interactive terminal
<code>module load R</code>	Load R in the cluster
<code>R</code>	Open interactive R session
<code>Rscript file.R</code>	Runs “file.R” as if you had clicked <code>source()</code> in Rstudio
<code>exit</code>	Closes interactive session

Submitting Cluster Jobs

<code>sbatch batchfile</code>	Submits the job defined in “batchfile”
<code>squeue</code>	Check the status of all cluster jobs
<code>squeue -u netid</code>	Check the status of your own jobs
<code>scancel 123456</code>	Cancel the cluster job with the job ID of 123456
<code>scancel -u netid</code>	Cancel all of your own jobs