Gentle Introduction to using HPC

Want to start from the basics? No problem! We will begin from the start, no large prerequisites, and guide you on your path from zero to HPC mastery.

Decide what cluster you need to become a member of

Different clusters and filesystems in those clusters are good for different things. It's good to understand this before you begin typing any code or commands.

For a quick decision survey, click this link:

https://nyu.qualtrics.com/jfe/form/SV_bmDP6CVD4kdosKh

1. Follow the survey and answer with your needs.
2. Make sure you understand the nature of the different file systems.
3. Email someone at HPC with your sponsor to join the cluster. Getting or renewing an HPC account It is easy!
4. Without this, you will not be able to follow the tutorials below. Email hpc@nyu.edu if you have further questions on signing up.

Follow the set of simple tutorials on our HPC YouTube Channel

These tutorials are made by students, who are using the cluster just like you. If you have any questions email mll469@nyu.edu or hpc@nyu.edu.

These require no knowledge of terminal/command line, and only rudimentary experience with consumer computers.

https://www.youtube.com/watch?v=0pP_TeKH1fI&list=PL5l6Qz3Xhf9Jn9-iMKJisYsSW5tRzPSd&index=2&t=0s
For Mac, watch above.

https://www.youtube.com/watch?v=KWSD8D0-uk&list=PL5l6Qz3Xhf9Jn9-iMKJisYsSW5tRzPSd&index=3&t=0s
For Windows, watch above.

Click on this playlist link to watch the other videos, such as how to run a job.

https://www.youtube.com/playlist?list=PL5l6Qz3Xhf9Jn9-iMKJisYsSW5tRzPSd

If you are not on the NYU WiFi, click the playlist and find the video on logging on outside of NYU.