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Prince
How-to Articles

Logging in

Windows

Mac / Linux

Clusters and Storage July 2017

Mercer (HPC, retired)

Prince (HPC)

Dumbo (Hadoop)
Dalmata (NYU Abu Dhabi)

Transferring data to/from the clusters

Transferring data to/from Prince cluster using Globus

Submitting jobs with sbatch

Available software

Building Software Tutorials

Programming for Biologists

Research Gallery

FAQs

NYU HPC Cheat Sheet

Wiki Map

HPC Policies
We are developing a set of tutorials to help NYU HPC users make the most of the facilities. Tutorials are suitable for self-directed learning and are also periodically run as classes in the library. NYU Data Services also provides tutorials for a range of scientific software - for dates and times of upcoming HPC classes see the calendar on the left, or see NYU Data Services for a wider schedule of classes.

Currently available HPC tutorials are:

**Getting started on Mercer** - how to login and migrate your workflow from our older clusters onto our newest cluster, Mercer.

**Tutorial 1:** A Hands-On introduction to Unix/Linux

**Tutorial 2:** Getting Started in the NYU HPC environment

**Tutorial 3:** Using NYU HPC Effectively

The **NYU HPC qsub tutorial** is also available, covering:

- Declare the date/time a job becomes eligible for execution
- Defining the working directory path to be used for the job
- Manipulate the output files
- Mail job status at the start and end of a job
- Submit a job to a specific queue
- Submitting a job that is dependent on the output of another
- Submitting multiple jobs in a loop that depend on output of another job
- Opening an interactive shell to the compute node
- Passing an environment variable to your job
- Passing your environment to your job
- Submitting an array job: Managing groups of jobs

**Getting Started on Dumbo: How to login**

**Tutorial 1:** MapReduce

**Tutorial 2:** Hive

**Tutorial 3:** Spark