## Quick Links

- HPC Home
- Getting an account
- Gentle Introduction to using HPC
- Getting started on Prince
- Prince How-to Articles

### Logging in
- Windows
- Mac / Linux

### Clusters and Storage
- Prince (HPC)
- Dumbo (Hadoop)
- Brooklyn (OpenStack)
- Dalma (NYU Abu Dhabi)

### Transferring data to/from the clusters

### Transferring data to/from Prince cluster using Globus

### Submitting jobs with sbatch

### Available software

### Licensed Software
- Available on the HPC Cluster
Working on the HPC clusters is not the same as working at a desktop workstation: in order to provide high performance computing to many users simultaneously, computational work must be packaged into a job - a script specifying what resources the job will need and the commands necessary to perform the work - and submitted to the system to be run without further input from the user. The system then schedules and runs the job on a dedicated portion of the cluster. Note that there is a way to work interactively within this model, for work which cannot be scripted, such as debugging.

Job Scheduling

Login and Compute Nodes

Queues

Writing a Job Script

Submitting a Job

Monitoring Jobs
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(more...)

Canceling a Job