## Quick Links

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### Logging in

- Windows
- Mac / Linux

### Clusters and Storage

- Prince (HPC)
- Dumbo (Hadoop)
- Dalmatia (NYU Abu Dhabi)

### Transferring data to/from the clusters
Transfering data to/from Prince cluster using Globus

Submittin g jobs with sbatch

Available software

Licensed Software

Available on the HPC Cluster

Building Software

Slurm Tutorial

Tutorials

FAQs

Scratch Area Cleanup

Programming for Biologists

Acknowle dge Statement

Research Gallery

HPC People

HPC Policies
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

Canceling a Job