Clusters

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Dalmatia (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

Building Software

Slurm Tutorial

Tutorials

FAQs

Scratch Area Cleanup

Programming for Biologists
The NYU HPC team currently maintains three clusters: The HPC cluster **Prince**, the Hadoop cluster **Dumbo** and OpenStack cluster **Brooklyn**.

**HPC user accounts**
An HPC User account provides access to all NYU HPC and Big Data clusters. If you don't have a user account, you may [apply for an HPC user account](#).

**Old HPC clusters**
NYU HPC team has retired its older clusters (Union Square, Cardiac, Bowery, Mercer). The current production HPC cluster is **Prince**.

- **Prince**
  
  "Prince" is the main NYU HPC cluster. 
  - For a description of the HPC Prince cluster, see [Clusters - Prince](#).
  - For information on how to access and use the HPC Prince cluster, see [Getting started on Prince](#).

- **Dumbo**
  
  "Dumbo" is a 44 data node Hadoop cluster running Cloudera Distribution of Hadoop (CDH),
  - For a detailed description of dumbo and how to access it, please see the [dumbo wiki pages](#).

- **Brooklyn**
  
  Brooklyn is an OpenStack cluster consisting of 25 compute nodes, each equipped with 4 GPUs.
  - For a detailed description of the Brooklyn Research cluster, please see [Clusters - Brooklyn Research Cluster](#)
  - [Presentation Slides](#)