Clusters

Quick Links

HPC Home
Getting an account
Getting started on Prince
Prince How-to Articles
Logging in
Wind ows
Mac / Linux
Clusters and Storage
Prince (HPC)
Dumbo (Hadoop)
Dalm a (NYU Abu Dhab i)
Transferri ng data to/from the clusters
Transferri
ng 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
Biologist
s
Acknowle
dge
Statement
Research
Gallery
HPC
People
HPC
Policies
The NYU HPC team currently maintains two clusters: The HPC cluster Prince and the Hadoop cluster Dumbo.

### 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 new HPC cluster that is currently being deployed. Prince will replace the HPC Mercer 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.

### ViDA OpenStack
ViDA OpenStack cluster is currently being deployed. Not in production yet.

- The OpenStack cluster consists of 25 compute nodes, each equipped of 4 GPUs.
- For a detailed description of the ViDA Openstack cluster, please see Clusters - ViDA OpenStack
- Presentation Slides