### Clusters

<table>
<thead>
<tr>
<th>Quick Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPC Home</td>
</tr>
<tr>
<td>Getting an account</td>
</tr>
<tr>
<td>Getting started on Prince</td>
</tr>
<tr>
<td>Prince How-to Articles</td>
</tr>
</tbody>
</table>

**Logging in**

- Windows
- Mac / Linux

**Clusters and Storage**

- Prince (HPC)
- Dumbo (Hadoop)
- Brooklyn (OpenStack)
- Dalmata (NYU Abu Dhabi)
Transferri
ing data
to/from
thee
clusters
Transferri
ing 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
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](#).

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