## Quick Links

<table>
<thead>
<tr>
<th>Category</th>
<th>Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPC Home</td>
<td></td>
</tr>
<tr>
<td>Getting an account</td>
<td></td>
</tr>
<tr>
<td>Gentle Introduction to using HPC</td>
<td></td>
</tr>
<tr>
<td>Getting started on Prince</td>
<td></td>
</tr>
<tr>
<td>Prince How-to Articles</td>
<td></td>
</tr>
<tr>
<td>Logging in</td>
<td>Windows</td>
</tr>
<tr>
<td></td>
<td>Mac / Linux</td>
</tr>
<tr>
<td>Clusters and Storage</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prince (HPC)</td>
</tr>
<tr>
<td></td>
<td>Dumbo (Hadoop)</td>
</tr>
<tr>
<td></td>
<td>Brooklyn (OpenStack)</td>
</tr>
</tbody>
</table>
Dalm (NYU Abu Dhabi)

Transferring data to/from the clusters

Transferring 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
We are developing a set of tutorials to help NYU HPC users make the most of the facilities. Tutorials are suitable for self-directed learning and are also periodically run as classes in the library. NYU Data Services also provides tutorials for a range of scientific software - for dates and times of upcoming HPC classes see the calendar on the left, or see NYU Data Services for a wider schedule of classes.

Currently available HPC tutorials are:

Tutorial 0: Introduction to Unix/Linux

Tutorial 1: A Hands-On introduction to Unix/Linux

Tutorial 2: Getting Started in the NYU HPC environment

Tutorial 3: Using NYU HPC Effectively

The NYU HPC sbatch tutorial is also available, covering:

- Declare the date/time a job becomes eligible for execution
- Defining the working directory path to be used for the job
- Manipulate the output files
- Mail job status at the start and end of a job
- Submit a job to a specific queue
- Submitting a job that is dependent on the output of another
- Submitting multiple jobs in a loop that depend on output of another job
- Opening an interactive shell to the compute node
- Passing an environment variable to your job
- Passing your environment to your job
- Submitting an array job: Managing groups of jobs

Getting Started on Dumbo: How to login

Tutorial 1: MapReduce

Tutorial 2: Hive

Tutorial 3: Spark