Connecting ⌄
Managing Files ⌄
Job Scheduling ⌄
Software ⌄

This is a wireframe idea that I sent to the software engineers in charge of Unity as they are currently in the process of updating its design. This is the current website: https://docs.unity.rc.umass.edu/index.html
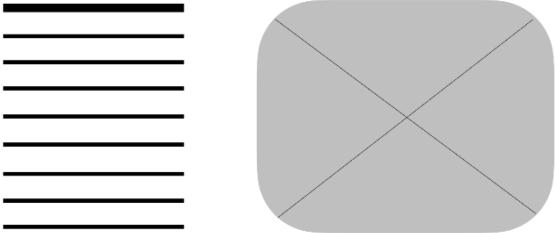
Welcome to Unity!

The Unity cluster is a collaborative, multi-institutional high-performance computing cluster located at the Massachusetts Green High Performance Computing Center (MGHPCC). The cluster is under active development and supports primarily research activities. Partnering institutions currently include UMass Amherst, UMass Dartmouth, and University of Rhode Island.

How Does Unity Work?

Create an Account

Students

Students must be granted access by a PI.

1. Create an account on the Unity main page.

2. Click "Login/Request Account".

3. Click on your institution or search for it via the search bar.

4. Once your account is created you need to assign a PI to it. To do this, go to "My PIs" using the left side menu and click the large "+" button.

5. Follow the prompts to generate your unique SSH key. You can search for your PI by name.

6. Once found, click on "Send Request". After your PI approves your request, you have access to Unity and your PI's project code and data stored in Unity.

Faculty & PI's

If you are a Faculty member or Principal Investigator (PI), please create an account on the Unity main page.

1. Create an account on the Unity main page. Use your campus NetID and password.
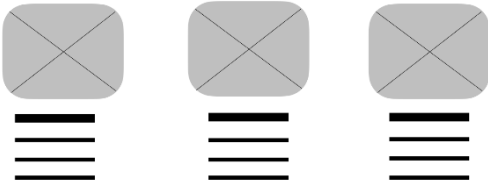
2. Go to Account Settings and request PI status by clicking the "Request PI account" button.

3. Once your account is approved, you are able to approve adding additional users to your PI group in the "My Users" button on the side menu.

Adding users will grant them access to your PI/work directory.

You cannot create accounts for your users. Users in your group need to request access to join your PI group.

Connecting to the Cluster

Requesting Resources