



Introduction to the command-line interface (shell)

Harvard Chan Bioinformatics Core

in collaboration with

HMS Research Computing

<https://tinyurl.com/hbc-shell>

Learning Objectives



- ✓ Learn what a “shell” is and become comfortable with the command-line interface
 - Find your way around a filesystem using written commands
 - Work with small and large data files
 - Become more efficient when performing repetitive tasks
- ✓ Understand what a computational cluster is and why we need it

Exit survey

<https://tinyurl.com/hbc-shell-exit>

Get an O2 account!

[Home](#) > [Service Catalog](#)

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O2 Cluster Account

Description

What does it do?

Get an account on O2, the HMS High Performance Compute cluster

Available To

Who is eligible?

Any HMS or HMS-affiliated researcher who has an HMS eCommons account.

Cost

What does it cost?

There is no cost to labs whose PI has a primary or secondary faculty appointment in an HMS Quad department.

If the PI of your lab does not have a primary or secondary faculty appointment in an HMS Quad department, cluster usage will be charged for beginning later in 2021. Please see the following page for current details about rates: <https://it.hms.harvard.edu/rc/core/rates>.

Support

Please fill out the [online help request form](#), or email rchelp@hms.harvard.edu.

How to Access

How do I get it?

Two-factor authentication is required to request an account on O2, as well as for O2 logins once your account is created. Harvard University uses a mobile app called Duo that makes the process quick and easy. Even if you already use Duo for HarvardKey, you will still need to setup a Duo profile for HMS.

- [Setup HMS two-factor Authentication \(HMS Duo Mobile\)](#)
- [Reactivate or Reconnect HMS two-factor Authentication \(HMS Duo Mobile\)](#)

Once you have Duo set up, Click the "Get Service" link to login and complete the request form.

Get this service

Learn more

Don't see what you're looking for?

Data Management

- HMS Data management -

Webpage: <https://datamanagement.hms.harvard.edu/>

[Click here to sign up for data management related emails](#)

- Harvard-wide Research Data Management -

<https://researchdatamanagement.harvard.edu/>

Data Management Short Workshops

Budgeting for Data Management: What can I include in my grant?	Wednesday, June 22, 2022, 12 – 12:30pm EDT
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Achieving FAIR Data: Selecting a Repository for Your Data	Wednesday, June 29, 2022, 12 – 12:30pm EDT
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Getting the Most out of Your Data: Standards to Find, Interpret & Share Data	Wednesday, July 20, 2022, 12 – 12:30pm EDT
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Writing a Data Management Plan with DMPTool: Tools, Tips, and Tricks	Wednesday, July 27, 2022, 12 – 12:30pm EDT
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<https://datamanagement.hms.harvard.edu/about/news-events/rdmwg-calendar>

Thanks!

- Kathleen Chappell and Andy Bergman from HMS-RC
- [Data Carpentry](#)

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Contact us!

HBC webpage: <http://bioinformatics.sph.harvard.edu>

HBC training materials: <http://hbctraining.github.io/main>

HBC workshop listserv: <https://tinyurl.com/hbc-mailing-list>

Training email: hbctraining@hsph.harvard.edu

Consulting email: bioinformatics@hsph.harvard.edu

O2 (HMS-RC): rhelp@hms.harvard.edu

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