Introduction to the command-line interface (shell)
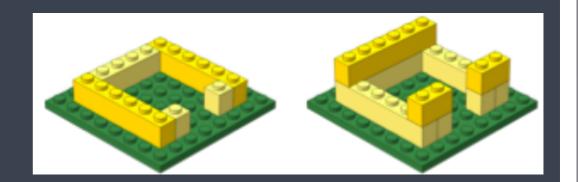
Harvard Chan Bioinformatics Core

in collaboration with

HMS Research Computing

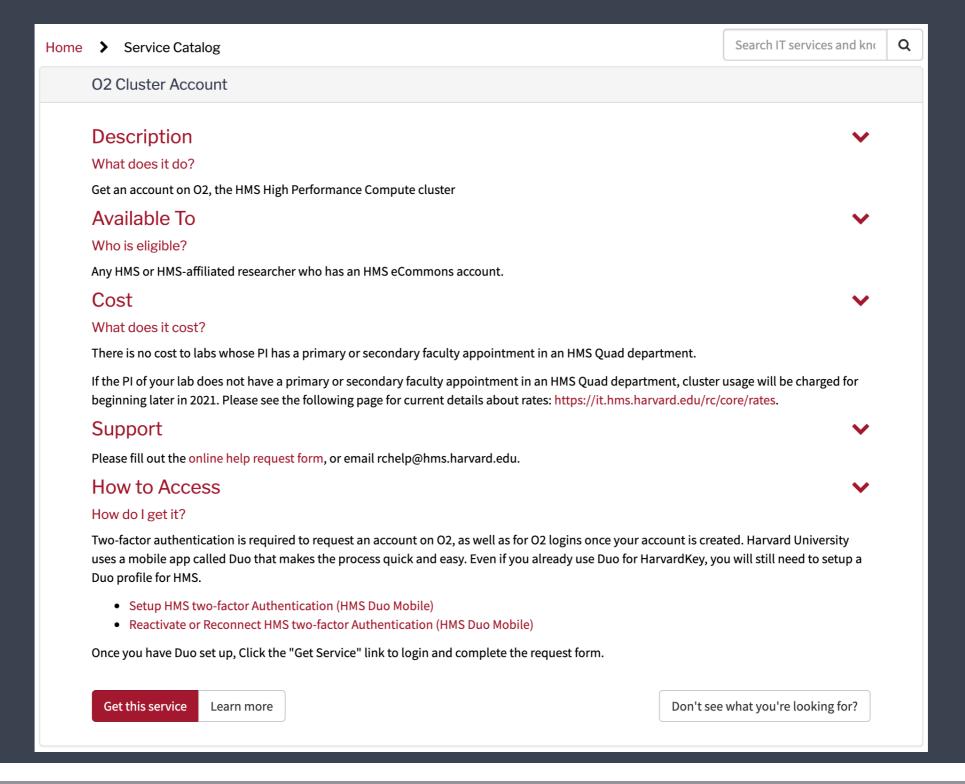**https://tinyurl.com/hbc-shell**

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!

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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/

Thanks!

- Kathleen Keating and Andy Bergman from HMS-RC

- Data Carpentry

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): rchelp@hms.harvard.edu

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