

How to use VS Code with GPU Resource on HAL-ondemand

- [Start a VS Code Session](#)
- [Connect VS Code](#)
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- [Login to hal-login2 with password and DUO push](#)
- [Request GPU Resources with `swrun -p gpux1` and load the python module with `module load opence`](#)

Start a VS Code Session

VS Code Server - HAL OnDem

hal-ondemand.ncsa.illinois.edu/pun/sys/dashboard/batch_connect/sys/codeserver/session_...

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Helpful Information:

1. The detailed user guide can be found at our [wiki page](#).

2. Please [email us](#) if you have any question about the HAL system.

3. For instant help from admin and other users, please join our [user group Slack space](#).

4. Apple Safari web browser is known for some issue that we can not fix, please use FireFox or Chrome instead.

5. The latest HAL training session can be found [here](#).

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Interactive Apps

H2O.ai

H2O.ai Flow

IDE

VS Code Server

Jupyter

Jupyter Lab

Jupyter Notebook

Visualization

TensorBoard

VS Code Server

This app will launch a **VS Code** server using **Code Server** on the **HAL Cluster**.

Number of hours

12

Working Directory

Select your project directory; defaults to \$HOME

Select Path

Codeserver Version

3.9.0

Launch

* The VS Code Server session data for this session can be accessed under the [data root directory](#).

powered by

OPENOnDemand

OnDemand version: v2.0.18

Connect VS Code

My Interactive Sessions - HAL

hal-ondemand.ncsa.illinois.edu/pun/sys/dashboard/batch_connect/sessions

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VS Code Server (23277) 1 node | 1 core | Running

Host: >_hal-data Delete

Created at: 2022-02-10 15:51:50 CST

Time Remaining: 8 hours and 52 minutes

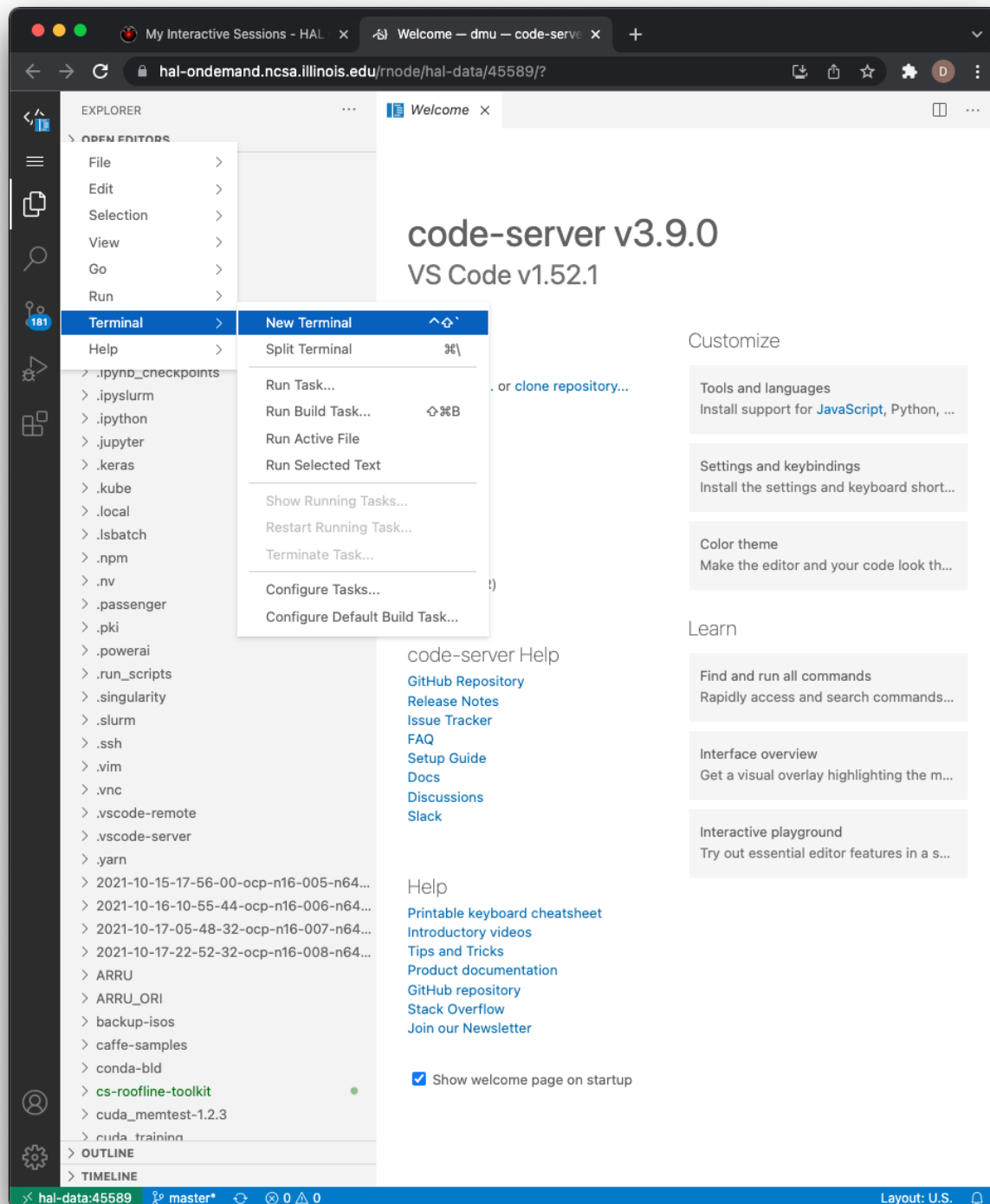
Session ID: e188971a-dfde-4df0-832b-a41e62338b07

Connect to VS Code

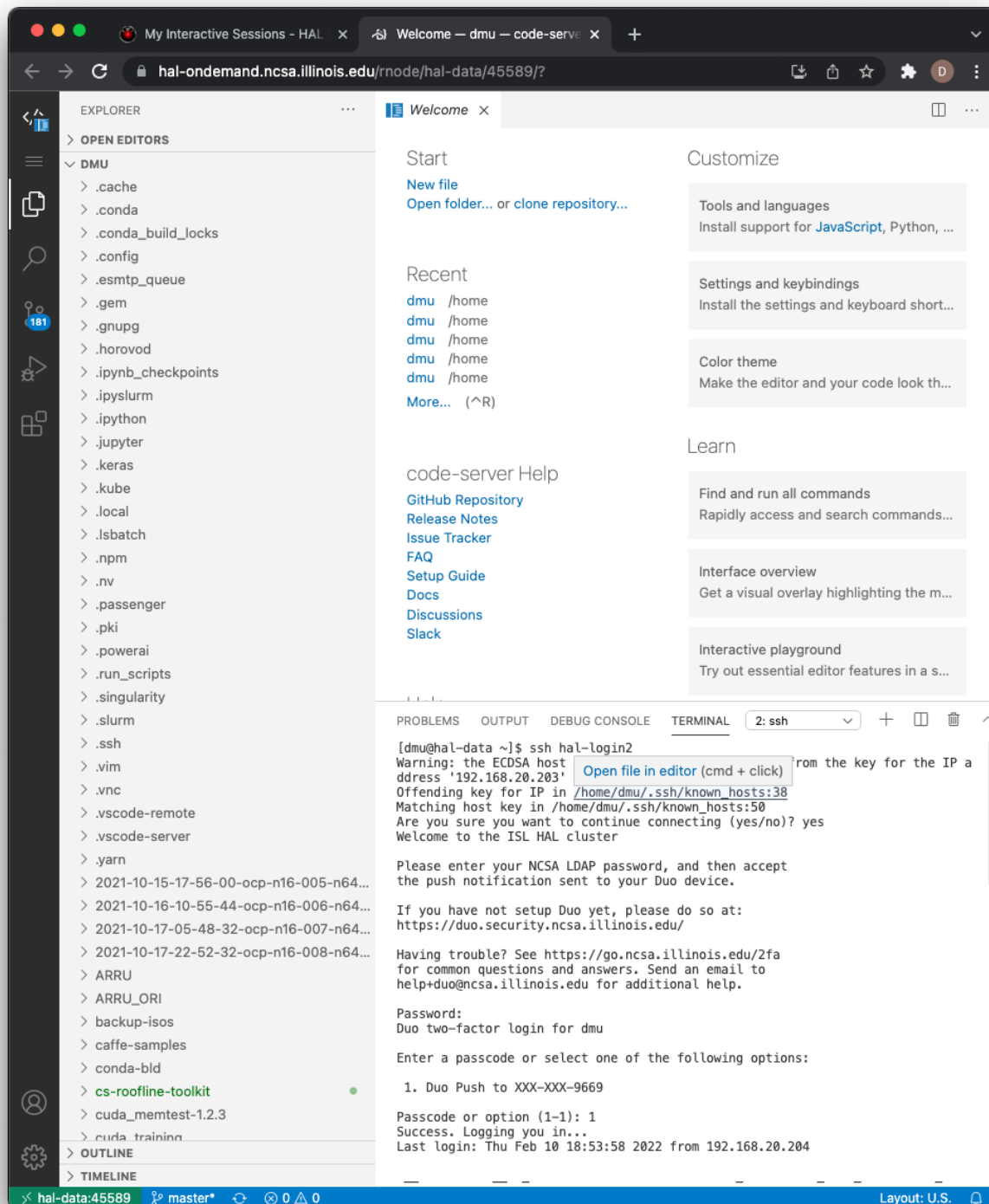
powered by OPEN OnDemand

OnDemand version: v2.0.18

Open a Terminal Session



Login to hal-login2 with password and DUO push



Request GPU Resources with ***swrun -p gpux1*** and load the python module with ***module load opence***

