Welcome to Academic and Research Computing (ARC) User Documentation

- Getting Started
- SEAS Login Server (how to access the SEAS compute resources)
- How To Connect (including info on how to set up your SSH keys)
- Shell, Environment, and Modules (how to load application software using the 'module' command)
- Overview of Compute Resources

For help and in-person appointments contact us at: help@seas.harvard.edu

For info on IT issues visit http://www.seas.harvard.edu/computing-office

Site Map

- SEAS Compute Environment
  - Getting Started
  - Recovering Deleted Data
  - Using Scientific Software
    - Lumerical on the FAS Odyssey cluster (SEAS users only)
    - How to run Comsol on FAS Odyssey (SEAS users only)
    - How to run ABAQUS on FAS Odyssey (SEAS users only)
    - How to use Matlab Parallel Computing Toolbox
  - Connecting to your SEAS storage hosted in FAS RC
  - Setting up SSH Access to SEAS Hosts on Windows machines
  - SSH Access to SEAS Hosts
  - Using SEAS VPN

- AWS Cloud
  - How To use the CS50 Appliance in your AWS environment
  - AWS Educate

- High Performance Computing

- Collaboration and Instructional Tools
  - Multimedia for the Classroom

- Version control
  - About Version Control Systems
  - SEAS Code Repository
  - Getting Started with code.seas
  - Advanced Features of code.seas
  - SEAS Code Repo Troubleshooting and FAQ
Using the SEAS Code Repository For Courses
Using the SEAS Code Repository For Research
Introduction To GIT
Gitosis source code management
Introduction To Subversion
Academic Computing Subversion service
Add External User/collaborator to OpenID for code.seas authentication

• Talks, Workshops and Tutorials
  • Talks
    Parallel Programming (30)
  • Workshops
    Python Workshop - Basics (February 1, 2018)
    Python Workshop - Numerics (February 6, 2018)
    Introduction to Programming in Python (Computefest 15 - January 13, 2015)
    Introduction to Programming in Python (February 2, 2015)
    Introduction to Matlab (February 3, 2015)
    COMSOL tutorial for classes (Heat Transfer -- February 23, 2015)
    Introduction to Machine Learning (ML) with Python (March 31, 2015)
    Workshop on Simulation via COMSOL (01/20/2016, 01/21/2016)
    COMSOL tutorials for ES 176/ES 276
    Python Workshop Basics (Older -- 2014)
    Python Workshop - Numerics (older)
    Introductory Python Tutorials (02/01/18 and 02/06/18)
  • Training Material
    GPU Computing (CS 205)
    Matlab Tutorial
    Parallel Programming
    Python Tutorials
    Source code version control
    Spark on Amazon EMR (for CS 205)
      Working on the EMR cluster (CS 205)
  • Unix
  • Documentation Overview
  • How-to articles
    How to manage a Google Group
    How to manage SharePoint folder permissions
    How to map a drive to SharePoint online
      alternative way to map a drive to Sharepoint Online
      Issues Mapping a drive to Sharepoint Online
    How To obtain the MAC address from your system
    How to register a computer on the Harvard wired network
    How to sync SharePoint libraries with OneDrive
    onboarding/offboarding cheat sheet
  • EECS
    Migrating www.eecs.harvard.edu to AWS
  • SEAS VDI Instructions
    Migrate to Harvard Enterprise GitHub (code.harvard.edu)