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)
    • Best Practices for Linux Security
    • Debugging and Profiling
    • TotalView Parallel Debugger
  • Workshops
    • Python Workshop Basics
    • Parallel Programming
    • Introduction to Programming in Python (January 13, 2015)
    • Best practices for Linux Security (January 23, 2015)
    • Debugging and Profiling
    • TotalView Parallel Debugger
  • Training Material
    • GPU Computing (CS 205)
    • Matlab Tutorial
    • 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 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)