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
• Introduction To Subversion
• Academic Computing Subversion service
• Add External User/collaborator to OpenID for code.seas authentication
• GIT Version Control

• Talks, Workshops and Tutorials
  • Talks
    • Parallel Programming (30)
    • Best Practices for Linux Security
    • Debugging and Profiling
    • TotalView Parallel Debugger
  • Workshops
    • Python Workshop - Basics (September 17, 2018)
    • Python Workshop - Numerics (September 18, 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 (09/17/18 and 09/18/18)
    • Python Tutorial (Spring, 2019)
    • Python Workshop
    • Python Workshop - Basics (September 4, 2019)
    • Anaconda Python Installation and Jupyter Notebook

• Training Material
  • GPU Computing (AP 278)
  • 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 install Google File Stream
    • 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 IP address of your system
    • 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)
  • SEAS Dropbox eligibility table
  • Introduction to Cloud Computing
  • SEAS community Zoom resources