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
• 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
• 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)
  • 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
    • 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 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