Documentation Overview

Home

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

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

- Documentation Overview
- EECS
  - Migrating www.eecs.harvard.edu to AWS

- High Performance Computing
  - Linux Workshop (Bytes & Bites CEE workshop) --- materials

- 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

- Introduction to Cloud Computing

- Migrate to Harvard Enterprise GitHub (code.harvard.edu)

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

- SEAS Dropbox eligibility table
- SEAS VDI Instructions
- Talks, Workshops and Tutorials
  - Talks
    - Best Practices for Linux Security
    - Debugging and Profiling
    - Parallel Programming (30)
    - TotalView Parallel Debugger
• 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

• Workshops
  • COMSOL tutorial for classes (Heat Transfer -- February 23, 2015)
  • COMSOL tutorials for ES 176/ES 276
  • Introduction to Machine Learning (ML) with Python (March 31, 2015)
  • Introduction to Matlab (February 3, 2015)
  • Introduction to Programming in Python (Comutefest 15 - January 13, 2015)
  • Introduction to Programming in Python (February 2, 2015)
  • Introductory Python Tutorials (09/17/18 and 09/18/18)
  • Python Workshop Basics (Older -- 2014)
  • Python Workshop - Basics (September 17, 2018)
  • Python Workshop - Numerics (older)
  • Python Workshop - Numerics (September 18, 2018)
  • Workshop on Simulation via COMSOL (01/20/2016, 01/21/2016)

A-B
  access
  account
  adaptor
  address
  archive
  autoreg
  aws
  bash
  bucket

C
  cloud
code
  collaboration
  compute
  connect
  cs50
cuda
cula

D-F
  debugging
delete
documentation
done
downtime
  firewall
  fix
  fortran

G-J
  git
  gitosis
  google
  gpu
  grant
  hardware
  help
  hpc
  ip
<table>
<thead>
<tr>
<th>K-M</th>
<th>N-O</th>
</tr>
</thead>
<tbody>
<tr>
<td>kb-how-to-article</td>
<td>navlink</td>
</tr>
<tr>
<td>key</td>
<td>needsupdate</td>
</tr>
<tr>
<td>keys</td>
<td>network</td>
</tr>
<tr>
<td>linux</td>
<td>newuser</td>
</tr>
<tr>
<td>login</td>
<td>nx</td>
</tr>
<tr>
<td>mac</td>
<td>o365</td>
</tr>
<tr>
<td>mailing-lists</td>
<td>onedrive</td>
</tr>
<tr>
<td>mathematica</td>
<td>openssh</td>
</tr>
<tr>
<td>matlab</td>
<td></td>
</tr>
<tr>
<td>modules</td>
<td></td>
</tr>
<tr>
<td>mpi</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>P-Q</td>
<td>R</td>
</tr>
<tr>
<td>parallel</td>
<td>rcs</td>
</tr>
<tr>
<td>password</td>
<td>registration</td>
</tr>
<tr>
<td>permissions</td>
<td>remote</td>
</tr>
<tr>
<td>presentation</td>
<td>remotedesktop</td>
</tr>
<tr>
<td>profiling</td>
<td>resonance</td>
</tr>
<tr>
<td>programming</td>
<td>rsa</td>
</tr>
<tr>
<td>putty</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>T-W</td>
</tr>
<tr>
<td>scm</td>
<td>teaching</td>
</tr>
<tr>
<td>seas</td>
<td>tunneling</td>
</tr>
<tr>
<td>secure</td>
<td>vasp</td>
</tr>
<tr>
<td>security</td>
<td>vdi</td>
</tr>
<tr>
<td>service</td>
<td>virtualdesktop</td>
</tr>
<tr>
<td>services</td>
<td>vnc</td>
</tr>
<tr>
<td>sge</td>
<td>wiki</td>
</tr>
<tr>
<td>sharepoint</td>
<td>windows</td>
</tr>
<tr>
<td>smp</td>
<td>winscp</td>
</tr>
<tr>
<td>software</td>
<td>workshops</td>
</tr>
<tr>
<td>spaces</td>
<td></td>
</tr>
<tr>
<td>ssh</td>
<td></td>
</tr>
<tr>
<td>svn</td>
<td></td>
</tr>
<tr>
<td>sync</td>
<td></td>
</tr>
<tr>
<td>systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>X-Z</td>
<td></td>
</tr>
<tr>
<td>xming</td>
<td></td>
</tr>
<tr>
<td>xsede</td>
<td></td>
</tr>
</tbody>
</table>