

CHPC User Manual Home Page

CHPC Services

- 1. General
 - a. User Services
 - b. Communications
- 2. Computational Support
 - a. HPC Clusters
 - b. Protected Environment
 - c. Virtual Machines
 - d. PI (Group) Owned Resources
 - e. Statistical Systems
 - How to connect to vpn for CHPC resources
 - Mac instructions for using the VPN to access CHPC resources then using remote desktop to RDP to swasey
 - Subversion Commands
- 3. Departmental Support
 - Biomedical Informatics (BMI)
 - Medicinal Chemistry
 - Meteorology Department Compute & Storage Services
- 4. File Storage Services
 - Guest Transfer Service
- 5. Network Support
 - Backbone Networks
 - Edge Networks
 - HPC Fabric
 - Network Lab
 - Support Services

list of NIS accounts that are non uNID's AND aren't /bin/true

Manuals

- CHPC Software Documentation
 - Amber
 - AutoDock
 - BLAST and mpiBLAST
 - Cambridge Structural Database System
 - CCP4 Software Suite
 - CFDEM/LIGGGHTS
 - Compilers
 - Coot
 - Dock
 - DUO security
 - ECCE
 - FastX
 - GAMESS
 - Gaussian 09
 - GaussView
 - Grace
 - Gromacs
 - IDL
 - Intel Parallel Studio XE
 - Intel Trace Collector-Analyzer MPI Profiler
 - Intel VTune Amplifier XE profiler
 - Intel VTune on Xeon Phi
 - IPython Notebook - Setup - Run
 - LAMMPS
 - LibSVM
 - MarvinSuite
 - Mathematical Libraries at CHPC
 - Matlab
 - MetaMap
 - Molden
 - MOPAC
 - MPI Libraries
 - NWChem
 - Open Babel
 - OpenFOAM
 - Parallel Application Development Tools
 - PBS - OBSOLETE - See SLURM
 - Phenix
 - Psi- Ab Initio Quantum Chemistry Code
 - Python & SciPy 0.7.1
 - Quantum Espresso
 - R

- Screen- CHPC Software Use- use of Linux command "screen"
- Statistics Software
- Timing Routines (FORTRAN, C)
- Totalview debugger
- User Documentation for Atlassian Tools at CHPC
- UUFS
- VMD
- Weka
- User Guides
 - Building applications for multiple network targets
 - Data Transfers using globus online user guide, Globus Connect Multi User (GCMU)
 - Ember User Guide
 - HPC Basics - Hello World MPI
 - Kachina User Guide
 - Kingspeak User Guide
 - Login to XSEDE resources...
 - Lonepeak User Guide
 - Slurm wiki page (work in progress)
 - Tangent User Guide

Problem workarounds

- change mysql password
- Changing CIS Password
- Error with octals in RHEL5 (due to bug fix)