Get Started - Cheat Sheet

Here is a very brief introduction to SLAC linux. It will be updated when Fermi migrates to the SDF cluster, but in the meantime... (in anticipation of the new cluster, your python code should be python3).

This assumes you already have a unix account created and your main intent is to run the Science Tools.

See Running on SLAC Central Linux for a list of login servers, and batch resources and best practices. Remember that the login nodes are for light interactive work; serious work should go to batch.

Disk space:

- your home directory is in AFS (Andrews File System) and can readily be expanded to 20 GB. This space is backed up and is where code etc should go. This is also true for conda environments.
    - note that afs uses a token system: when you log in you have a 25 hr token giving you write access. If you leave a session running longer, you'll need to refresh your token via the *kinit* command.
- there is user nfs space, available on request via the slac-helplist mailing list. This space is natively gpfs and can be accessed via either gpfs (more efficient access) or nfs paths.
    - gpfs: /gpfs/slac/fermi/fs2/u/<your_dir>
    - nfs: /nfs/farm/g/glast/u/<your_dir>

Access to Science Tools installs

- link

Running in a RHEL6 Singularity container (for apps that are not portable to RHEL/Centos7)

- link

Links:

Running on SLAC Central Linux