

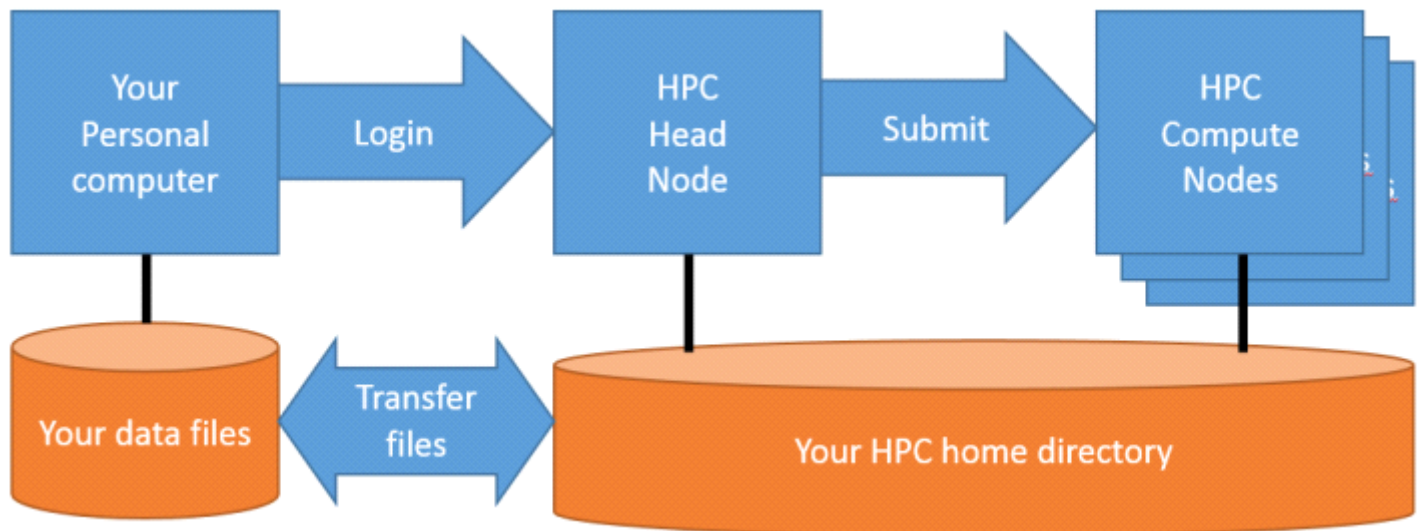
UTEP HPC QUICK GUIDE - V1.1

Thursday, April 11, 2019 10:57 AM

Prerequisites:

- HPC account (Request at rc.utep.edu)
- On your personal computer install "Putty" and "Filezilla" or equivalent.

Architecture and Workflow



Usage

- Transfer input files from your computer to your HPC home directory (if necessary) with Filezilla or equivalent.
- Login to the HPC head node "hpcserver00.utep.edu" through ssh with Putty or equivalent using your account.
- From the command line convert all text files to the UNIX format with the command
dos2unix <filename>
(this step is optional)
- Submit your process to the compute nodes with the command
bsub -J <Jobname> -n <number_of_cores> -o output.txt -e error.txt <command>
 - Replace
 - **<Jobname>** with any name for the job
 - **<number_of_cores>** with the number of cpu's your process requires
 - **<command>** with the command to start your process