# tacc ranger job setup

System monitor : add a connection for tg-login.ranger.tacc.xsede.org using "Grid Engine"

Make these mods to $HOME/.cshrc  (the git one has to be there or sync'd project doesn't work ):

```
module load git/1.7.9.6
module unload mvapich
module unload pgi
module load gcc
module load openmpi
```

Here's what's needed in the PBS script configuration:

- account   # tgusage -u $USER on command line will show acct, or use the Xsede portal
- 4way16 for the parallel environment
- ibrun for mpi run command
- choose the development queue for good turnaround time (10 minutes or so)

Caveats: The system monitoring perspective disconnects every few LML DA Driver refresh cycles (ranger's not a small system in the monitor view ) , your job may not show in the job display area