Things that are Different
Making an Interactive Job

Old PBS way

New SLURM way

```
qsub -I -lwalltime=1:00:00,nodes=1:ppn=8,mem=16gb
```

```
srun -N 1 -n 8 --mem=16gb -t 1:00:00 -p interactive --pty bash
```

- The spaces are very important.

- **-N 1** requests one node

- **-n 8** requests 8 processors

- **--mem=16gb** requests 16gig of ram

- **-t 1:00:00:00** is your time limit, in HH:MM:SS

- **-p interactive** sends your job to the interactive queue

- **--pty bash** tells slurm you will be using a bash shell.

What to do next?
Example

- Right now most users are learning how to use SLURM, so securing resources is very fast!

- If you've been using MSI to run mothur, continue as normal. Everything is the same.

- For everyone else, maybe you want your R scripts to run faster. Let's run R.