

Things that are Different

Making an Interactive Job

Old PBS way

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

New SLURM way

```
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.