

# Things that are Different

## Submitting a remote job

Old PBS way

New SLURM way

The rest is the same. To continue our R example:

```
#~/bin/bash -l
#PBS -l walltime=1:00:00,nodes=1:ppn=8,mem=16gb
#PBS -m abe
#PBS -M yourx500@umn.edu
```

```
TERM=linux
export TERM
```

```
module load R/3.5.0
Rscript meetingExample121820.R
```

```
#~/bin/bash -l
#SBATCH --nodes=1
#SBATCH --ntasks-per-node=8
#SBATCH --cpus-per-task=1
#SBATCH --mem=16gb
#SBATCH -t 1:00:00
#SBATCH --mail-type=ALL
#SBATCH --mail-user=yourx500@umn.edu
#SBATCH -p small
#SBATCH -o %j.out
#SBATCH -e %j.err
```

```
TERM=linux
export TERM
```

```
module load R/3.5.0
Rscript meetingExample121820.R
```

# Things that are Different

## Submitting a remote job

Old PBS way

```
qsub -q small yourjobname
```

New SLURM way

```
sbatch yourjobname
```

Submitting is very similar, but the queue is specific in the job header rather than at submission time.

You will receive an email when your job starts and when it concludes.