

Things that are Different

Submitting a remote job

Old PBS way

New SLURM way

The header has changed significantly

```
#~/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
```

```
#~/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
```

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

```
#~/bin/bash -l
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#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
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```
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Rscript meetingExample121820.R
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