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Basic SLURM commands

Submitting a job to the queue (partition)

Use the 'sbatch' command
```
sbatch [job_script]
```

e.g.
```
sbatch my_job.sh
```

Tip: Your job script needs to contain a number of important parameters to enable the scheduler to accept the job, otherwise it will be rejected. See the examples for more details.

For more information, try `man sbatch` at the command prompt, or visit the SLURM documentation at http://slurm.schedmd.com

Checking your job status in the queue

Use the 'squeue' command
```
squeue –u [username]
```

e.g.
```
squeue –u fretter
```

Tip: if you specify your username you will only see your own jobs. If you do not specify a username you will see a long list other users jobs running on our HPC cluster, which you will not be interested in seeing.

For more information, try `man squeue` at the command prompt, or visit the SLURM documentation at http://slurm.schedmd.com

Removing a job from the queue

Use the 'scancel' command
```
scancel [jobID]
```

e.g.
```
scancel 12345
```

Tip: you will see the jobID reported when you submitted the job with 'sbatch'. Also, you can see it by using the 'squeue' command above.

For more information, try `man scancel` at the command prompt, or visit the SLURM documentation at http://slurm.schedmd.com

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