

A simple Slurm job

Submitting a job in SLURM is performed by running `sbatch` command and specifying a job script.

```
sbatch slurmjob.script
```



A simple example of a Slurm job submission script:

```
#!/bin/bash
#SBATCH --job-name=MyJob
#SBATCH --account=monash001
#SBATCH --time=01:00:00
#SBATCH --ntasks=1
#SBATCH --cpus-per-task=1
./helloworld
```



This script describe the information of the job: it is a serial job with only one process (`--ntasks=1`). It only need one cpu core to run such process.

To cancel a job:

```
scancel [JOBID]
```



To cancel all jobs for a specific user:

```
scancel -u [USERID]
```



To check all your running/pending jobs:

```
squeue -u [USERID]
```







If you want to check the status of a single job:

```
scontrol show job [JOBID]
```



Read more

 'sbatch' man page  

 'scancel' man page 