Submitting a Job

Jobs are submitted with the `qsub` command:

```
$ qsub options job-script
```

The options tell Torque information about the job, such as what resources will be needed. **These can be specified in the job-script as PBS directives, or on the command line as options, or both** (in which case the command line options take precedence should the two contradict each other). For each option there is a corresponding PBS directive with the syntax:

```
#PBS option
```

For example, you can specify that a job needs 2 nodes and 8 cores on each node by adding to the script the directive:

```
#!/bin/bash
#PBS -l nodes=2:ppn=8
```

or as a command-line option to `qsub` when you submit the job:

```
$ qsub -l nodes=2:ppn=8 my_script.q
```