

Managing & Monitoring Jobs

Once your job is submitted, use these commands to track and manage it.

Checking Job Status

```
# Your jobs only
squeue -u your_username

# All jobs in the cluster
squeue

# Specific job
squeue -j job_id
```

Job States

State	Meaning
PD	Pending — waiting for resources
R	Running
CG	Completing
CD	Completed
F	Failed
OOM	Out of memory
TO	Timed out

Job Details

```
# Full details of a job
scontrol show job job_id

# Job accounting and resource usage
sacct -j job_id --format=JobID,JobName,State,MaxRSS,Elapsed
```

Cancelling Jobs

```
# Cancel a specific job
scancel job_id

# Cancel all your jobs
scancel -u your_username

# Cancel a specific array task
scancel job_id_task_id
```

Attaching to a Running Job

Use `sattach` to attach to a running job's input/output streams in real time:

```
# Attach to a job
sattach job_id

# Attach to a specific job step
sattach job_id.step_id
```

For non-interactive jobs this behaves like `tail -f`. For interactive jobs you can provide input directly.

To find job steps:

```
scontrol show job job_id
```

Look for **StepId** in the output.