The University of Queensland

Research Computing Centre

Batch Computing using SLURM

Document Status

Last update:
This update: May 31 2019 by David.Green@uq.edu.au

Background

The Wiener GPU based cluster has adopted SLURM as the batch system because a number of features it has for supporting GPU computing.

This guide is still under construction.

In the meantime, you could refer to the

- SLURM documentation available at the SchedMD website
- SLURM Quick Start Tutorial at the Consortium des Équipements de Calcul Intensif
- SLURM Tutorial at NYU
- our very own Wiener User Guide (linked on the right ... just over there)

Command Subset Comparison

To do this	SLURM	PBS Pro
Check queue status	squeue	qstat
Submit a batch script	sbatch	qsub
Delete a job	scancel	qdel
Node information	sinfo	pbsnodes
Start an interactive session	srun ... --pty bash	qsub –I
Denote a setting in a job script	#SBATCH	#PBS