

Slurm¹ vs. HTCondor² for Basic Parallel Computing

Action	Slurm	HTCondor
login	ssh STATuser@slurm-submit-00.cs.wisc.edu	ssh NetID@learn.chtc.wisc.edu
submit	sbatch <script.sh>	condor_submit <script.sub>
check queue	squeue -u <STATuser>	condor_q
cancel	scancel -u <STATuser>	condor_rm <NetID>
parallel jobs	sbatch --array=1-3	queue <line> from <lines.txt>
dependencies	sbatch --afterok:<jobID>	condor_submit_dag <script.dag>
interactive job	srun --pty /bin/bash	condor_submit -i <script.sub>
check resources	seff <jobID>	bottom of .log file

¹Statistics HPC (and CHTC, with an account from them)

²CHTC