

Slurm 19.05

Why

- 17.11 – currently used at UPPMAX
 - EOL. Unsupported since 19.05 release.
 - Frequent, major performance issues on Rackham.
- 18.08
- 19.05 – current version
 - Bugfixes, new features, improvements
 - New bugs? :-)
 - Supported! Payed by SNIC

Release notes

- SchedMD
 - <https://slurm.schedmd.com/news.html>
- Github
 - https://github.com/SchedMD/slurm/blob/slurm-18.08/RELEASE_NOTES
 - https://github.com/SchedMD/slurm/blob/slurm-19.05/RELEASE_NOTES
- Recommend “HIGHLIGHTS” and “COMMAND CHANGES”
- Be careful with new stuff, everything might not work at UPPMAX.

Release notes

- NOTE: srun will now only read in the environment variables SLURM_JOB_NODES and SLURM_JOB_NODELIST instead of SLURM_NNODES and SLURM_NODELIST. These latter variables have been obsolete for some time please update any scripts still using them.

Tested: both SLURM_NNODES and SLURM_NODELIST is still set in batch jobs.

Release notes

- **NOTE:** squeue will now print "UID" as the header for the User ID field; corresponding to the %U type specification.
- ~]\$ squeue --format='%u %U'
USER **USER**
paran 1038
...
- ~]\$ squeue --format='%u %U'
USER **UID**
paran 1038
...

Release notes

- **NOTE:** The `--quiet` flag in `sbatch` will now suppress the printing of "Submitted batch job %u" and "Submitted batch job %u on cluster %S".
- `]$ sbatch --quiet ...`
Submitted batch job
10206013
- `]$ sbatch --quiet --parsable ...`
10205932
- `]$ sbatch --parsable ...`
10205933
- `]$ sbatch --quiet`
`]$ sbatch --quiet --parsable`
`]$ sbatch --parsable`
1905