

Moab

How to see the scripts of completed jobs

Question: We'd like to see the script a job ran after it has already finished, and/or the full path to the original script

Solution/s:

1) For msub jobs: before a job completes, and for the length of JOBCPURGETIME after it completes (default = 5 minutes), `checkjob -v -v` will include a "Job submission section which will include the #PBS resource manager directives (#MSUB lines get converted to #PBS) and script lines. It will not include the script name (or path to the script).

2) In Torque, you may add "`record_job_info=True`" and "`record_job_script=True`" in `qmgr`. (See Appendix B: Server Parameters in the Torque Administrator Guide for your version). Enabling `record_job_info` will cause `pbs_server` to periodically write job information to `/var/spool/torque/job_logs/<YYYYMMDD>` (or `<TORQUEHOME>/job_logs>`, if using a non-default configuration directory, as specified via the `--with-server-home=<DIR>` configure option) after `keep_completed` time (defined in `qmgr`, default = 300 seconds) has transpired. `record_job_info` will add the job script text to the job log, too.

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