

Default Variables Set by PBS

Category: PBS on Pleiades

You can use the `env` command--either in a PBS script or on the command line of a PBS interactive session--to find out what environment variables are set within a PBS job. In addition to the PBS_XXX variables, the following two are useful to know:

NCPUS

Defaults to number of CPUs that you requested for the node.

OMP_NUM_THREADS

Defaults to 1 unless you explicitly set it to a different number. If your PBS job runs an OpenMP or MPI/OpenMP application, this variable sets the number of threads in the parallel region.

FORT_BUFFERED

Defaults to 1. Setting this variable to 1 enables records to be accumulated in the buffer and flushed to disk later.

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<http://www.nas.nasa.gov/hecc/support/kb/entry/189/?ajax=1>