

Pleiades devel Queue

Category: PBS on Pleiades

NAS provides a special **devel** queue that provides faster turnaround when doing development work.

Currently, 512 Westmere nodes and 144 Sandy Bridge nodes are reserved for the Pleiades **devel** queue, 24x7. The maximum walltime allowed is 2:00:00 and the maximum NCPUS is 4800. Each user is allowed to have only one job running in the **devel** queue at any one time.

To specify the Westmere processor type to be used for your job in the **devel** queue, do:

```
#PBS -l select=xx:ncpus=yy:model=wes
```

If you want to use the Sandy Bridge nodes, do:

```
#PBS -l select=xx:ncpus=yy:model=san
```

To submit your job to the **devel** queue, do:

```
pfe20% qsub -q devel job_script  
1234.pbsp11.nas.nasa.gov
```

To check the status of your job submitted to the **devel** queue, do:

```
pfe20% qstat devel -u your_username
```

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<http://www.nas.nasa.gov/hecc/support/kb/entry/290/?ajax=1>