Checkpointing and Restart

Category: Running Jobs with PBS

None of the NAS HEC systems has an automatic checkpoint capability made available by the operating system. For jobs that need lots of resources and/or long walltime, you should have a checkpoint/restart capability implemented in the source code or job script.

PBS automatically restarts unfinished jobs after system crashes. If you do not want PBS to restart your job, make sure to add the following in your PBS script:

```
#PBS -r n
```

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Computing at NAS -> Running Jobs with PBS -> Checkpointing and Restart
http://www.nas.nasa.gov/hecc/support/kb/entry/177/?ajax=1