Using pdsh_gdb for Debugging Pleiades PBS Jobs

Category: Troubleshooting

A script called **`pdsh_gdb`**, created by NAS staff Steve Heistand, is available on Pleiades under **`/u/scicon/tools/bin`** for debugging PBS jobs *while the job is running*.

Launching this script from a Pleiades front-end node allows one to connect to each compute node of a PBS job and create a stack trace of each process. The aggregated stack trace from each process will be written to a user specified directory (by default, it is written to **`~/tmp`**).

Here is an example of how to use this script:

```
pfe1% mkdir tmp
pfe1% /u/scicon/tools/bin/pdsh_gdb -j jobid -d tmp -s -u nas_username
```

More usage information can be found by launching **`pdsh_gdb`** without any option:

```
pfe1% /u/scicon/tools/bin/pdsh_gdb
```

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Troubleshooting -> Using pdsh_gdb for Debugging Pleiades PBS Jobs
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