

## Compiling Software

To compile software on the UV it will be necessary to run the compilation either as a batch job, via the scheduler, or alternatively, you can run the installation in an interactive session, under the control of the scheduler. **Do not** attempt to run your software/application directly on the submission node.

To enter an interactive session under the control of the scheduler, type the following command

```
interactive
```

There will be a short delay of a few seconds while the scheduler sets up the session. New software being installed by/for the SeeD project should be installed in `/tgac/services/seed/software`

When installing software it will be necessary to specify the above path when running 'configure' e.g.

```
./configure --prefix=/tgac/services/seed/software
```

You can also compile and install software into your own home directory, but this will not be so easy for others to use.

The UV300 is setup with gcc and a basic set of libraries. Some of these libraries are not available on the normal HPC cluster - they are required for SGI supported software.