Running programs

All software/applications should be run under the control of the scheduler (SLURM), via a batch script. **Do not** attempt to run your software/application directly on the submission node, as this could have an adverse impact on the login sessions of other (SeeD) users.

If you <u>really</u> need to work interactively with your program, for example when testing or fault-finding, then you can start an interactive session under the control of the scheduler, by typing the following command

```
interactive
```

There will be a short delay of a few seconds while the scheduler (SLURM) sets up the session. You will now be running interactively on the UV itself, and you will have access to the same data locations as before, and will be in your home directory.

Note: If your ssh session to the submission node is dropped, e.g. if you close your ssh program, or there is a network problem, then your interactive session will be automatically killed.

Software Locations

A dedicated location has been created for new SeeD software to be installed at
```
/tgac/services/seed/software
```

All TGAC production software is also available for use, from
```
/tgac/software/production
```

To see a list of (Production) software available use the `catalogue` command

To use one of the pre-built Production software packages you should use the 'source' command in your jobs script to load the environment, e.g.

```
source R-3.2.5_SeeD
```

You can also run software that you have installed in your own home directory, as you would normally.

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