Interactive Jobs

Interactive jobs are defined as jobs that you need to run while you are logged into a specific compute node.

You must use interactive jobs in any of the following circumstances:

- Data Visualizing
- Code Compiling
- Software Testing
- Code Debugging
- Any task that requires frequent changes to the run configurations

To get an interactive session on a **compute node:**

`srun -A guest -p guest-compute --pty /bin/bash`

```
[testuser@hpcc ~]$ srun -A guest -p guest-compute --pty /bin/bash
```

To get an interactive session on a **gpu node:**

`srun -A guest -p guest-gpu --gres=gpu:1 --pty /bin/bash`

```
[testuser@hpcc ~]$ srun -A guest -p guest-gpu --gres=gpu:1 --pty /bin/bash
srun: job 113387 queued and waiting for resources
srun: job 113387 has been allocated resources
[testuser@gpu-6-3 ~]$ 
```

Do not forget to exit the terminal once your interactive job is done. To do so simply type "exit" and hit return:

`exit`

```
[testuser@hpcc ~]$ srun -A guest -p guest-compute --pty /bin/bash
[testuser@compute-0-24 ~]$ echo "do some work..."
do some work...
[testuser@compute-0-24 ~]$ exit
exit
[testuser@hpcc ~]$
```