

## Interactive job (srun)

An interactive job is launched on a compute node and provides you with a command line prompt. Interactive jobs are useful when debugging or interacting with an application. You will use the `srun` command to launch an interactive job. Once the job has started, commands can be executed utilizing resources on the local node.

```
srun --pty /bin/bash
```

s01 ~]\$\_

Jobs submitted with `srun --pty /bin/bash` will be assigned the cluster default values of 1 CPU and 4096MB of memory. If you are part of an account, the account must also be specified; else you will run on the default `free` resources. If additional resources are required, they can be requested as options to the `srun` command.

The following example job requests 8GB of memory, 5 CPUs, and a runtime of 2 hours:

```
srun --mem-per-cpu=8GB --cpus-per-task=5 --time=02:00:00 --pty /bin/bash
```

s08 ~]\$\_

Once done type ``exit`` to leave