On LINUX cluster (tun.ncsa.uiuc.edu)


- All the lab exercises are executed in `scratch-global` directory. Change to `scratch-global` by typing `cd scratch-global`
- To start an interactive job for an hour: `bsub -Is -n1 -W 1:00 tcsh`
- Your session begins as you see the prompt as
  
  ```bash`
  [etrain1@tunb ~/scratch-global]$ bsub -Is -n1 -W 1:00 tcsh
  WARNING: Project was not specified, defaulting to wej (TG-TRA900337)
  Job <988078> is submitted to default queue <normal>.
  <<Waiting for dispatch ...>>
  <<Starting on tuna059>>
  [etrain1@tuna059 ~/scratch-global]$
  ```

Sample batch script

tun.batch

On tungsten

```bash`
```

Submit as

```bash`
bsub < tun.batch
```

When you are done everyday

- Logout the laptop
- Turn-off the laptop

How to log on a LINUX training laptop

<table>
<thead>
<tr>
<th>userid</th>
<th>training</th>
</tr>
</thead>
</table>

No password is required.

How to connect to LINUX cluster from your laptop

Your userid and password are printed on the back of your badge.
Using terminal

1. open a terminal
2. type: `ssh -Y userid@tun.ncsa.uiuc.edu`

Using eclipse remote target system

1. open a terminal
2. type: `src/eclipse/eclipse &`

Using www.qmcwiki.org workspace

- click on your name
- userid: qmcss07
- password is the same as the password on your badge