Table of Contents

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CU Research Computing Cheatsheet

Monitoring Slurm Activity

View available nodes and their properties:

```
sinfo  --Node -o  "%.12N %.16P %.11T %.4c %.13C %.8e /%.8m %.30f"
```

- `NODELIST` is the name of the node, can be specified when submitting via –nodelist
- `PARTITION` is the name of the partition. You likely will never need to use this unless you want a particular partition of the preemptable queue
- `STATE` - mixed means that some of the `CPUS` are in use (see below)
- `CPUS(A/I/O/T)` - on a given node: allocated/idle/other/total nodes
- `FREE_MEM /  MEMORY` free memory / total memory in MB (divide by 1024 to convert to GB

Useful links

- Batch scheduling and Summit specifications
- Blanca resources