

# IBG Research Computing Cheatsheet

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## Monitoring Slurm and Job Activity

### View your running jobs:

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### View your completed jobs:

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### Measure performance of completed jobs:

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### 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 `-odelist`
- 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

## Modifying this README

Do not directly modify this document directly. Instead modify `ibg_rc_cheatsheet.md` and run `compile.sh` to add TOC create printable version. This will also update the README. You might need to make `gh-md-toc` executable via `chmod a+x gh-md-toc` and you definitely will need to install `pandoc`.