

<http://people.cs.umass.edu/~swarm/index.php?n=Main.UserDoc>

qstat -j JOB_ID.

Requiring Some Amount of Physical RAM

Sometimes your job uses a lot of memory, and you want to restrict it to run on nodes where there is enough free memory, so you don't have swapping. You can do this using job resources, like this

```
qsub -l mem_free=2G my-job.sh
```

If you want to use all 16GB of ram on a swarm node please submit a [#threaded](#) job.

But what if you want to put constraints on things other than free memory? "Can I do that?" you ask. Boy can you. You can require all kinds of things about the grid node handling your job (e.g., that it has enough physical RAM.) For a full list, try `qstat -F`. For example, you can constrain to a particular host using `"-l hostname=compute-0-0"` (although you probably should never want to do this).