How to get additional information on memory and cpu usage of my job?

Get information about resources utilization for a job in the queue:

qstat has a very nice option "-ext" which will give you extensive information on your jobs, including memory and cpu utilization.

```
[tstuser@login-node-1-0 ~]$ qstat -ext
job-ID   prior   ntckts  name       user         project          department state cpu mem io     tckts  ovrts  otckt  ftckt stckt share queue slots ja-task-ID
--------------------------------------------------------------------------------------
2799545 0.80904 0.04348 myjob      testuser       NA               defaultdep Rr 1:08:56:35 109259.36623 0.00477   289     0     0   289     0 0.00
all.q@compute-7-1.local   1 106
```

Use `man qstat` to see definitions for the variables. In particular, mem is measured in GB seconds...

Enhanced Output (with -ext)

For each job the following additional items are displayed:

ntckts The total number of tickets in normalized fashion.

project The project to which the job is assigned as specified in the qsub(1) -P option.

department The department, to which the user belongs (use the -sul and -su options of qconf(1) to display the current department definitions).

cpu The current accumulated CPU usage of the job in seconds.

mem The current accumulated memory usage of the job in Gbytes seconds.

io The current accumulated IO usage of the job.

tckts The total number of tickets assigned to the job currently...