zUseful Linux HPC commands

See also

- Linux commands

top - measure memory/processor usage on machine

q or qq - see actively running jobs on cluster

pestat - see individual nodes on cluster and what is running on them or find job numbers - useful for qdel

qdel - delete jobs from torque scheduler - list job numbers followed by space between them (example - qdel 100134 100145 ...)

qdel all - delete all jobs. This can be used during maintenance.

lshw - see the hardware details of machine

halt -p now - poweroff the machine immediately. Or shutdown -h now will so the same thing.

touch /etc/nologin or vi /etc/nologin with text - won't allow users except root log in. This file will be removed automatically after system reboot.

rm /etc/nologin - allow users log in