Job Priority

Numerical Priority

Every job in Qube is assigned a numeric priority. Priority 1 is higher than priority 100. This is similar to 1st place, 2nd place, 3rd place, etc. The default priority assigned to a job is 9999.

Example

```
% qbsub --priority 10 sleep 100
```

Priority Clustering

Every job in Qube is assigned to a cluster. This value allows a job to have a different priority based upon the hosts in its cluster. A job specified to run on a particular cluster will have a higher priority to run on those machines than a job that is not specified to run on that cluster.

Example

```
% qbsub --cluster /vfx sleep 100
```

```
% qbsub --cluster /vfx/char sleep 100
```

```
% qbsub --cluster /comp/nuke sleep 100
```

> ⚠️ A more complete description of this clustering system is located at How to use clustering for workers, How clustering affects priority and worker selection for jobs, and the worker_cluster configuration parameter