qbsummary

Description

qbsummary obtains a quick summary of the farm's status. By default, qbsummary shows the breakdown of subjobs at each priority level (--pvs)

Usage

qbsummary [*options*]

Options

Option	Description
--clusters	Cluster list
--long	Detailed long format
--width *int*	Set column width to *int* characters (default: 3)
--pvs	Priority Vs. Subjob Status
--cvs	Cluster Vs. Subjob Status
--uvs	User Vs. Subjob Status
--gvs	Group Vs. Subjob Status
--cpvs	Cluster/Priority Vs. Subjob Status
--rvs	Reservation Vs. Subjob Status
--avs	Account Vs. Subjob Status
--tvs	Type Vs. Subjob Status
--pvw	Priority Vs. Work Status
--cvw	Cluster Vs. Work Status
--uvw	User Vs. Work Status
--gvw	Group Vs. Work Status
--cpvw	Cluster/Priority Vs. Work Status
--rvw	Reservation Vs. Work Status
--avw	Account Vs. Work Status
--tvw	Type Vs. Work Status
--help	Command help
--version	Command version

Notes

Examples

Breakdown by priority, for both job instances and agenda items (usually frames, sometimes referred to as "work"):

```
jburk$ qbsummary -l
```

```
Title: priorityVstatus
        badlogin  blocked  complete  failed  killed  pending  running  suspended  unknown  waiting  total
1       0         0        1         0       2       0        0        0          0        0        3
10      0         0        15        0       35      0        0        0          0        0        50
20      0         0        50        0       0       0        0        0          0        0        50
25      0         0        36        0       0       0        0        0          0        0        36
50      0         29       1411      91      158     1        0        0          0        0        1687
51      0         0        1         0       0       0        0        0          0        0        1
100     0         1        177       29      13      0        0        0          0        0        220
total   0         30       1691      120     208     1        0        0          0        0        2047

Title: priorityVwork
        badlogin  blocked  complete  failed  killed  pending  running  suspended  unknown  waiting  total
1       0         0        0         0       0       0        0        0          0        0        0
10      0         0        0         0       0       0        0        0          0        0        0
20      0         0        11000     0       0       0        0        0          0        0        11000
25      0         0        10000     0       0       0        0        0          0        0        10000
50      0         6        33606     377     3364    5526     1        0          0        0        42880
51      0         0        12        0       0       0        0        0          0        0        12
100     0         0        6345      119     913     955      1        0          0        0        8333
total   0         6        60963     496     4277    6481     2        0          0        0        72225
```

Breakdown by cluster and job instances:

```
jburk$ qbsummary -cvs -l
```

```
Title: clusterVstatus
           badlogin  blocked  complete  failed  killed  pending  running  suspended  unknown  waiting  total
/          0         16       44        12      22      0        0        0          0        0        94
/jbTest    0         0        50        0       0       0        0        0          0        0        50
/test      0         14       1597      108     185     1        0        0          0        0        1902
/testasdf  0         0        0         0       1       0        0        0          0        0        1
total      0         30       1691      120     208     1        0        0          0        0        2047
```

Breakdown by cluster and work (frame) counts: **Note**: you can have blocked frames, with no blocked job instances.

```
jburk$ qbsummary -cvw -l
```

```
Title: clusterVwork
           badlogin  blocked  complete  failed  killed  pending  running  suspended  unknown  waiting  total
/          0         0        2369      134     1830    3040     1        0          0        0        7374
/jbTest    0         0        0         0       0       0        0        0          0        0        0
/test      0         6        58594     362     2447    3441     1        0          0        0        64851
/testasdf  0         0        0         0       0       0        0        0          0        0        0
total      0         6        60963     496     4277    6481     2        0          0        0        72225
```

Breakdown by user and work (frame) counts:

```
jburk$ qbsummary --uvw -l
```

```
Title: userVwork
              badlogin  blocked  complete  failed  killed  pending  running  suspended  unknown  waiting  total
Administrator 0         0        0         0       253     240      0        0          0        0        493
foo           0         0        1         0       0       0        0        0          0        0        1
frank         0         0        0         0       0       0        0        0          0        0        0
jburk         0         6        59962     496     4024    6241     2        0          0        0        70731
root          0         0        1000      0       0       0        0        0          0        0        1000
total         0         6        60963     496     4277    6481     2        0          0        0        72225
```

See also