

# qbsummary

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## 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 <i>int</i>	Set column width to <i>int</i> 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

