qbshove

Description

qbshove requests the Supervisor to re-evaluate the dispatch of a list of jobs. Normally, a job is re-evaluated to see if it is a dispatch candidate when an "event" of some sort occurs; the job is submitted or modified, a Worker becomes free, etc. Sometimes job or Worker information has changed, but no event has occurred that will make the Supervisor re-evaluate the job list.

Do not run this command on a periodic basis in an attempt to increase the dispatch rate of your farm. Qube! is not a polling system, and doesn't wait for a certain amount of time before it re-evaluates all jobs. Repeatedly running **qbshove** will only increase the load on your Supervisor, possibly resulting in diminished performance.

Usage

qbshove [*options*] *jobID…* | 0

where *JobID* is one or more job IDs, and 0 is a wild card token representing all the user's jobs.

Options

Option	Description
--pending	Shove pending jobs
--running	Shove running jobs
--user *string*	Shove jobs for user *string*
--type *string* --prototype *string*	Shove jobs with *string* type
--status *string*	Shove jobs with *string* status (ex. pending)
--name *string*	Shove jobs with *string* name
--kind *string*	Shove jobs of *string* kind
--pid *int*	Shove jobs with process ID *int*
--pgrp *int*	Shove jobs in *int* process group
--priority *int*	Shove jobs with *int* priority
--cluster *string*	Shove jobs in *string* cluster
--cpus *int*	Shove jobs with a total of *int* subjobs
--xml	Output in XML format
--help	Command help
--version	Command version

Notes

This command only works on jobs which are considered pending or running.

Do not run this command on a periodic basis in an attempt to increase the dispatch rate of your farm. Qube is not a polling system, and doesn't wait for a certain amount of time before it re-evaluates all jobs. Repeatedly running **qbshove** will only increase the load on your Supervisor, possibly resulting in diminished performance.

Examples

Shove job 12345:

% **qbshove 12345**

Shove all of user anthony's jobs:

% **qbshove --user anthony 0**

See also