The following section list the most common LSF commands and explains what they do.

NOTE: If you need more detailed information about a command please use the manpages (`man <command>`).

Command	Eplaination
`bjobs`	Display the short status of your Jobs
`bjobs -w`	Display the short status of your Jobs - with „wide“ fields
`bjobs -l`	Displays all (=long) parameters of all (!) of your Job
`bjobs -l jobid`	Information about a job with the specified jobid
`bjobs -u all`	Lists every job of all (!) users in a short list
`bjobs -q BatchXL`	short listing of your jobs running in a queue called „BatchXL
`man bjobs`	More Information about the command

`bkill`	kill (finish) one of your job with a jobid

`bqueues`	displays queue overview about all queues
`bqueues -l`	displays detailed overview about all queues
`bqueues -l BatchXL`	displays detailed overview about the queues named BatchXL

`bhosts`	Status of all compute node
`bhosts -l`	detailed status of all compute nodes
`bhosts -gpu`	detailed status of all nodes containing a gpu
`man bhosts`	More Information about the command

`bhpart`	priority status of all users

`bacct`	Displays accounting statistics about finished jobs
`bacct -e`	Displays accounting statistics about finished jobs with EXIT state
`bacct -e -C 2022/01/14,2022/01/16`	Displays accounting statistics in a certain time period with EXIT state
`bacct -d -C 2022/01/14,2022/01/16`	Displays accounting statistics in a certain time period with DONE state

`lsinfo`	Provides information about the LSF configuration (Maschinetype, -/description -/model) and about the available resources.
`lsmon`	Displays continuous information about the loads on all compute and gpu nodes
`lsload -gpuload`	displays information about the gpu load on all gpu nodes
`lsload -gpuload hostname`	displays information about the gpu load on a certain host
`lsload -gpuload -w hostname`	displays „wide“ information about the gpu load on a certain host

From:
https://www1.tu-ilmenau.de/hpcwiki/ - **hpcwiki**

Permanent link:
https://www1.tu-ilmenau.de/hpcwiki/doku.php?id=commands&rev=1654633233

Last update: **2022/06/07 22:20**