

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  | Explanation  |
|--|--|
| <code>bjobs</code>                             | Display the short status of your Jobs  |
| <code>bjobs -w</code>                          | Display the short status of your Jobs - with „wide“ fields   |
| <code>bjobs -l</code>                          | Displays all (=long) parameters of all (!) of your Job   |
| <code>bjobs -l jobid</code>                    | Information about a job with the specified jobid   |
| <code>bjobs -u all</code>                      | Lists every job of all (!) users in a short list   |
| <code>bjobs -q BatchXL</code>                  | short listing of your jobs running in a queue called „BatchXL“   |
| <code>man bjobs</code>                         | More Information about the command   |
| <code>bsub</code>                              | job start command  |
| <code>bsub -b</code>                           | Dispatches the job for execution on or after the specified date and time   |
| <code>bsub -b 5:00</code>                      | set the job begin time to 5 am   |
| <code>bkill</code>                             | kill (finish) one of your job with a jobid   |
| <code>bqueues</code>                           | displays queue overview about all queues   |
| <code>bqueues -l</code>                        | displays detailed overview about all queues  |
| <code>bqueues -l BatchXL</code>                | displays detailed overview about the queues named BatchXL  |
| <code>bhosts</code>                            | Status of all compute node   |
| <code>bhosts -l</code>                         | detailed status of all compute nodes   |
| <code>bhosts -gpu</code>                       | detailed status of all nodes containing a gpu  |
| <code>man bhosts</code>                        | More Information about the command   |
| <code>bhpart</code>                            | priority status of all users   |
| <code>bacct</code>                             | Displays accounting statistics about finished jobs   |
| <code>bacct -e</code>                          | Displays accounting statistics about finished jobs with EXIT state   |
| <code>bacct -e -C 2022/01/14,2022/01/16</code> | Displays accounting statistics in a certain time period with EXIT state  |
| <code>bacct -d -C 2022/01/14,2022/01/16</code> | Displays accounting statistics in a certain time period with DONE state  |
| <code>lsinfo</code>                            | Provides information about the LSF configuration (Maschinentype, -/description -/model) and about the available resources. |
| <code>lsmon</code>                             | Displays continuous information about the loads on all compute and gpu nodes   |
| <code>lsload -gpuload</code>                   | displays information about the gpu load on all gpu nodes   |
| <code>lsload -gpuload hostname</code>          | displays information about the gpu load on a certain host  |
| <code>lsload -gpuload -w hostname</code>       | displays „wide“ information about the gpu load on a certain host   |

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