

LSF commands Reference

bsub	Submit a batch job to the LSF system
bkill	Kill a running job
bjobs	See the status of jobs in the LSF queue
bpeek	Access the output and error files of a job
bhist	History of one or more LSF jobs
bqueues	Information about LSF batch queues
bacct	Accounting statistics about finished jobs
bhosts	Batch hosts status and resources
bresume	Resumes one or more suspended jobs
bstop	Suspends unfinished jobs
lsload	Displays load information for host
lshosts	Displays host and their static resource information

Job Submission

```
$ bsub < jobfile
```

Bsub Options

-B	Sends email when the job is dispatched
-H	Holds the job in the PSUSP state at submission
-I	Submits a batch interactive job.
-K	Submits a job and waits for the job to finish
-N	Emails the job report when the job finishes
-x	Exclusive execution on host
-b	begin_time Dispatches the job on or after the specified date and time in the form [[month:]day:]minute
-e	error_file Appends the standard error output to a file
-E	"pre_exec_command[arguments...]" Runs the specified pre-exec command on the execution host before running the job
-J	"job_name" Assigns the specified name to the job.
-q	queuename Submits jobs to the specified queue
-o	output_file Appends to standard output to a file
-u	email address < sets the email where the email has to be sent >