

????

???

Linux

```
/test  /test/1  /test/2  /test
```

[illegible][illegible][illegible]

/

--	--	--	--	--

```
bgadd /test#####
```

```
bsub -g /test# bsub
```

--	--	--	--	--

```
bjgroup /test#
```

--	--	--	--	--

```
bgdel /test#####
```

```
bjobs -g /test#####
```

```
bkill -g /test 0#
```

???

[illegible]

ID

```
bsub -J "arrayName[indexList, ...]"
```

[illegible]

 indexList = start[-end[:step]]

XXXXXXXXXX	%I	%J	%I	XXXXXXXXXX	%J	XXX	ID
------------	----	----	----	------------	----	-----	----

LSB_JOBINDEX

```

bsub -J "myArray[1-10]" myJob
bsub -J "myArray[1-10]" -i "input.%I" -o "output.%I" myJob
bkill 123 jobid
bkill 123 jobid

```

????

[illegible][illegible]

??????

1 CPU

[illegible][illegible]

```
$ cat job.lsf
#BSUB -q x5650
./a.out >& 1.out
./a.out >& 2.out
```

```
./a.out >& 4.out
```

Job <3366369> is submitted to queue <x5650>.

□ □ N □ CPU □ □ □ □ □ □ N □ □ □ □ □ N □ □ □ □ □ □ □ CPU

☐ wait

[illegible]

1

12 x5650

```
#BSUB -n 12
```

```
( ./a.out >& 2.out )&
```

```
( ./a.out >& 3.out )&
```

```
( ./a.out >& 4.out )&
```

```
( ./a.out >& 5.out )&
```

```
( ./a.out >& 6.out )&
```

```
( ./a.out >& 7.out )&
```

```
( ./a.out >& 8.out )&
```

```
( ./a.out >& 9.out )&
```

```
( ./a.out >& 10.out )&
```

```
( ./a.out >& 11.out )&
```

```
( ./a.out >& 12.out )
```

wait

Job <3366370> is submitted to queue <x5650>.