

Show jobs information in queue

`squeue:` view information about jobs located in the Slurm scheduling queue.

`gqueue:` squeue alias formatted to show specific jobs information

general usage

If you use the command without any paremeters it will show you the currently running jobs in the queue.

```
$ squeue
```

JOBID	PARTITION	NAME	USER	ST	TIME	NODES	NODELIST(REASON)	
1127	debug	omp-bkp- jprmacha	R	9-04:38:00	1	wn018		
1128	debug	omp-bkp- jprmacha	R	9-04:35:45	1	wn019		
1129	debug	omp-bkp- jprmacha	R	9-04:30:58	1	wn020		
1130	debug	omp-bkp- jprmacha	R	9-04:29:51	1	wn012		
1156	HPC_4_Day	run_zaca	root	R	2-02:42:26	1	wn035	

view jobs from a specific user

You can filter by user, using the `--user` flag

```
$ squeue --user root
```

JOBID	PARTITION	NAME	USER	ST	TIME	NODES	NODELIST(REASON)	
1156	HPC_4_Day	run_zaca	root	R	2-02:44:28	1	wn035	

view particular jobs

You can also filter by job id, using the `-j` flag.

```
$ squeue -j 1127
```

```
JOBID PARTITION  NAME    USER ST    TIME  NODES NODELIST(REASON)
1127   debug omp-bkp- jrmacha R 9-04:41:26    1 wn018
```

it is possible to provide multiple job id's separated by comma.

format the command output

The user may provide the output fields with format option "-O", for example showing the number of requested cpus:

```
$ squeue -o "%.7i %.9P %.8j %.8u %.2t %.10M %.6D %C %N" -u jmartins
JOBID PARTITION  NAME    USER ST    TIME  NODES CPUS NODELIST
192427  debug  cpi.sh jmartins R    0:06    1  64 hpc047
```

gqueue alias

The user interfaces have an alias for the **squeue** comand called **gqueue** with some useful fields

```
$ gqueue
JOBID PARTITION NAME    USER  ST TIME    NODES CPUS TRES_PER_NODE  NODELIST
184472 gpu      gpu-job gpuuser R 18:34:54 1    1  gpu          hpc058
```

“ **For more detailed information, please see the manual `man squeue` **

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