

stop or cancel jobs

scancel : used to signal jobs or job steps that are under the control of Slurm

The command `scancel` is used to signal or **cancel jobs, job arrays** or **job steps** . A job or job step can only be signaled by the **owner** of that job or user root. If an attempt is made by an unauthorized user to signal a job or job step, an error message will be printed and the job will not be signaled.

```
$ scancel <jobid>
```

```
JOBID PARTITION  NAME  USER ST  TIME  NODES NODELIST(REASON)
33416   all Hexadeca fcruz R  3:26:11   2 wn[131-132]
33434  debug OFBuild lmendes R  1:50:42   1 wn069
33437   all   FE ngalamba R   58:07   1 wn094
33439   all   FE ngalamba R   29:43   1 wn097
33440   all   FE ngalamba R   29:13   1 wn137
33441   all   FE ngalamba R   13:43   1 wn126
33442   all   FE ngalamba R    1:58   1 wn071
33443   all   FE ngalamba R    1:41   1 wn071
33445   all   FE ngalamba R    0:12   1 wn079
```

You can all your jobs (running and pending)

```
$ scancel --user <username>
```

You may also only cancel all your jobs in a specific element, i.e. state, partition...

```
$ scancel --state PENDING --user <username>
```

\$ Job can be also canceled using the job name

```
$ scancel --name <jobname>
```

“ For more detailed information, please see `man scancel`

Revision #3

Created 29 November 2019 15:43:39 by Joao Machado

Updated 16 March 2023 15:13:41 by João Pina