

Manage Processes

& at the end of a command will move it to the background

Ctrl + z suspends a current job

bg - resumes execution of a suspended [process](#) without bringing it to the foreground

jobs - Lists the jobs that you are running in the background and in the foreground

fg - resumes execution of a suspended process by bringing it to the foreground and thus redirecting its standard input and output streams to the user's terminal

ex: fg [%job]

nohup - run a command immune to hangups. Useful when you want to run jobs and exit the terminal

ex: nohup COMMAND &

kill - request termination of a process

-9 cannot be blocked

kill -9 PID

Kill second job

kill %2

pkill - kill job by name. Recommended to use pgrep first to see which processes are going to be killed.

crontab - manages cron. crontab requires a newline at the end of the last task will not run in Ubuntu. at can be used to manage a one-time process, though it's an opaque setup process.

```
* * * * *          command to be executed
- - - - -
| | | | |
| | | | +----- day of week (0 - 6) (Sunday=0)
| | | +----- month (1 - 12)
| | +----- day of month (1 - 31)
| +----- hour (0 - 23)
+----- min (0 - 59)
```

Remove files that match *log from /home/user/tmp at 6:30 pm each day

```
30      18      *      *      *      rm /home/user/tmp/*.log
```