

Count number of process in Linux shell

In some cases, you may want to know the number of processes working in the system. You can know it by **grep -ef | grep <process name> | wc -l**

Following is the example to check the total number of process for "postgres":

```
ps -ef | grep postgres | wc -l
```

Following is the example to check the total number of process for "ffmpeg":

```
ps -ef | grep ffmpeg | wc -l
```

If you want to check the processes with full path,

```
ps -aux | grep bot
```

Then, you will see:

root	17364	0.0	0.0	436760	19536	?	S	09:00	0:00	php /pub/production/_bot/bot_main.php
root	17402	0.0	0.0	113284	1596	?	Ss	09:00	0:00	bash -c cd "/lib/production/_bot" && php import_db.php
root	17933	0.0	0.0	436760	19532	?	S	09:05	0:00	php /pub/production/_bot/bot_main.php
root	18038	0.0	0.0	113284	1596	?	Ss	09:05	0:00	bash -c cd "/lib/production/_bot" && php channels.php
kurapa	21211	0.0	0.0	112816	972	pts/2	S+	09:28	0:00	grep --color=auto bot

To count its list,

```
ps -aux | grep bot | wc -l
```