

ps – exibe os processos do user logado

```
denilson@ubuntu-desktop:~$ ps
  PID TTY          TIME CMD
 12822 pts/0    00:00:00 bash
 12830 pts/0    00:00:00 ps
```

Exibe o processo de todos os users

```
root@srv-ubuntu:/disk2# ps a
  PID TTY          STAT TIME   COMMAND
   682 tty1        Ss+   0:00   /sbin/agetty -o -p -- \u --noclear tty1 linux
 1002 pts/0        Ss     0:00   -bash
 1058 pts/0        S       0:00   su
 1060 pts/0        S       0:00   bash
 1135 pts/0        R+     0:00   ps a
```

Exibe os processos com a hora de inicio

```
root@srv-ubuntu:/disk2# ps au
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         682  0.0  0.1  6172  1120 tty1    Ss+   18:36   0:00 /sbin/agetty -o
fernando  1002  0.0  0.5  8864  5752 pts/0    Ss    18:36   0:00 -bash
root     1058  0.0  0.4 10568  4872 pts/0    S     18:51   0:00 su
root     1060  0.0  0.4  7732  4456 pts/0    S     18:51   0:00 bash
root     1136  0.0  0.1 10068  1564 pts/0    R+    19:33   0:00 ps au
```

Exibe dados fora do console, pode ser processos do ambiente gráfico(Caso sua distro tenha amb. Graf)

```
root@srv-ubuntu:/disk2# ps aux
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  1.1 100796 11292 ?        Ss   18:36   0:00 /sbin/init
root         2  0.0  0.0      0      0 ?        S    18:36   0:00 [kthreadd]
root         3  0.0  0.0      0      0 ?        I<   18:36   0:00 [rcu_gp]
root         4  0.0  0.0      0      0 ?        I<   18:36   0:00 [rcu_par_gp]
root         5  0.0  0.0      0      0 ?        I<   18:36   0:00 [netns]
root         7  0.0  0.0      0      0 ?        I<   18:36   0:00 [kworker/0:0H-ev
root        10  0.0  0.0      0      0 ?        I<   18:36   0:00 [mm_percpu_wq]
root        11  0.0  0.0      0      0 ?        S    18:36   0:00 [rcu_tasks_rude_
root        12  0.0  0.0      0      0 ?        S    18:36   0:00 [rcu_tasks_trace
root        13  0.0  0.0      0      0 ?        S    18:36   0:00 [ksoftirqd/0]
root        14  0.0  0.0      0      0 ?        I    18:36   0:01 [rcu_sched]
root        15  0.0  0.0      0      0 ?        S    18:36   0:00 [migration/0]
root        16  0.0  0.0      0      0 ?        S    18:36   0:00 [idle_inject/0]
```

Todo processo vai ter um id e a hora que foi executado

Para fechar um processo basta digitar kill e o nome do processo

```
denilson@ubuntu-desktop:~$ kill 12852
denilson 12852 24.2 13.4 2803460 273016 ?        Sl   17:05   0:02 /usr/lib/firefox/firefox -new-window
denilson 12926  4.7  6.3 2449192 127836 ?        Sl   17:05   0:00 /usr/lib/firefox/firefox -contentproc -chi
denilson 12968  3.8  5.5 2453080 112988 ?        Sl   17:05   0:00 /usr/lib/firefox/firefox -contentproc -chi
denilson 13034  1.8  4.1 2419812  83684 ?        Sl   17:05   0:00 /usr/lib/firefox/firefox -contentproc -chi
denilson 13056  0.0  0.1  21180  3508 pts/0    R+   17:05   0:00 ps aux
denilson@ubuntu-desktop:~$ kill
```

É possível matar o processo pelo nome com o comando killall

```
denilson 13122 0.0 0.0 16892 692 ? S 17:07 0:00 cat
denilson 13124 0.0 0.1 33576056 3080 ? Sl 17:07 0:00 /opt/google/chrome/chrome_crashpad_handler
denilson 13126 0.0 0.0 33567844 1552 ? Sl 17:07 0:00 /opt/google/chrome/chrome_crashpad_handler
denilson 13132 0.1 2.9 33835124 58844 ? S 17:07 0:00 /opt/google/chrome/chrome --type=zygote --
denilson 13133 0.1 2.8 33835112 58248 ? S 17:07 0:00 /opt/google/chrome/chrome --type=zygote --
denilson 13134 0.0 0.2 33563500 4068 ? S 17:07 0:00 /opt/google/chrome/nACL_helper
denilson 13137 0.0 0.7 33835136 15732 ? S 17:07 0:00 /opt/google/chrome/chrome --type=zygote --
denilson 13161 0.8 4.3 33881360 88632 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=utility -
denilson 13170 0.1 1.9 33876516 40060 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=utility -
denilson 13195 1.5 4.6 1179104284 94172 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=renderer
denilson 13196 4.1 5.5 1179107336 111500 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=renderer
denilson 13257 1.1 3.8 33936756 78064 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=gpu-proce
denilson 13353 0.1 2.9 1179099116 60700 ? Sl 17:07 0:00 /opt/google/chrome/chrome --type=renderer
denilson 13382 0.0 0.1 21180 3696 pts/0 R+ 17:07 0:00 ps aux
denilson@ubuntu-desktop: $ killall chrome
```

O Comando W permite visualizar os users logado no momento

```
root@srv-ubuntu:/# w
19:40:50 up 1:04, 2 users, load average: 0,04, 0,01, 0,00
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
fernando pts/0 192.168.15.59 18:36 1.00s 0.29s 0.05s sshd: fernando [pr
carla pts/1 192.168.15.59 19:40 34.00s 0.02s 0.02s -bash
```

Who -a mostra o pid do user

```
root@srv-ubuntu:/# who -a
system boot 2022-07-31 18:36
LOGIN tty1 2022-07-31 18:36 682 id=tty1
run-level 5 2022-07-31 18:36
fernando + pts/0 2022-07-31 18:36 . 813 (192.168.15.59)
carla + pts/1 2022-07-31 19:40 00:01 1145 (192.168.15.59)
```

É possível fechar a conexão do user através do comando kill "numeroPid"

```
root@srv-ubuntu:/# who -a
system boot 2022-07-31 18:36
LOGIN tty1 2022-07-31 18:36 682 id=tty1
run-level 5 2022-07-31 18:36
fernando + pts/0 2022-07-31 18:36 . 813 (192.168.15.59)
carla + pts/1 2022-07-31 19:40 00:01 1145 (192.168.15.59)
root@srv-ubuntu:/# kill 1145
```