

INTERLAB

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ISSUE: finding and killing a process

Concerned platforms:

OS : Linux Fedora Core2 Kernel 2.6.x

Vernouillet.015.09.05

Under linux each process has a pid number, you need this number to kill this process.

Issue:

Running a job not willing to stop or hanging

Usefull commande:

Cmd: **top**

Cmd: **ps**

Cmd: **kill**

To get infos type man + Cmd

FIND the process to kill.

Type "top" and you will get the list of running jobs in your system.

```
# root@stargate:/etc
> top
11:51:22 up 72 days, 16:32,  3 users,  load average: 0.00, 0.00, 0.00
83 processes: 79 sleeping, 1 running, 3 zombie, 0 stopped
CPU states:  1.0% user,  1.7% system,  0.0% nice,  97.4% idle
Mem:  126992K total,  123092K used,    3900K free,    3092K buffers
Swap:  266192K total,   64368K used,   201824K free,   19648K cached

  PID USER      PRI  NI  SIZE  RSS SHARE STAT %CPU %MEM   TIME COMMAND
 2349 root        14   0   964   964   748 R    2.3  0.7    0:00 top
```

If you have difficulties to find the job you search and you know its name use **ps**

example : ps aux |grep smb

```
# root@stargate:/etc
```

```
> ps aux |grep smb
root      2364  0.0  0.3 1332  432 pts/0    S    11:56   0:00 grep smb
# root@stargate:/etc
```

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To kill the process then use the command kill:

```
# root@stargate:/etc  
> kill 2364
```

Be careful, remember that you need to be root and killing a process can cause unexpected issues.

Pls. send us your feel back.
Rev.0 – David 15.09.05