

20 Comandos Úteis

1. Drag about how much free RAM you have on Linux:

```
free
```

2. Where is that application I just installed (all directories)

```
whereis [app]
```

3. Disk space usage

```
df -h
```

4. To make a playlist of the audio files in a folder

```
ls -R > playlist.m3u
```

5. To kill a process by it's name:

```
sudo killall <prog_name>
```

for instance: sudo killall firefox. Or you can kill by pid (program id):

```
sudo kill <pid>
```

and to see the pid:

```
pidof <program name>
```

for instance: pidof firefox or you can try listing the currently running processes with:

```
ps -e
```

6. To find out the version of installed software:

```
apt-cache policy <packet_name>
```

7. To find out the UUID of your partitions:

```
ls /dev/disk/by-uuid/ -alh
```

8. Display the top ten running processes - sorted by memory usage:

```
ps aux | sort -nrk 4 | head
```

9. Set audible alarm when an IP address comes online

```
ping -i 60 -a IP_address
```

10. Mount a .iso file in UNIX/Linux:

```
mount /path/to/file.iso /mnt/cdrom -o loop
```

11. Sharing a file through http 80 port:

```
nc -w 5 -v -l -p 80 < file.ext
```

From the other machine open a web navigator and go to ip from the machine who launch netcat, "<http://ip-address/>" If you have some web server listening at 80 port then you would need stop them or select another port before launch net cat 😊 P.s.: You need netcat tool installed

12. Allows system wide changes:

```
su
```

13. Converts a single FLAC (or APE) file with associated cue file into multiple FLAC files:

```
cuebreakpoints "$2" | shnsplit -o flac "$1"
```

Requires: - cuetools - shntools

14. Add the ID3 tags in a cue file to the flac files:

```
cueetag *.cue *.flac ;
```

Requires: - cuetools

15. Extract audio stream from an AVI file using mencoder:

```
mencoder "${file}" -of rawaudio -oac mp3lame -ovc copy -o  
audio/"${file}/%avi/mp3"
```

16. Capture video of a linux desktop:

```
ffmpeg -f x11grab -s wxga -r 25 -i :0.0 -sameq /tmp/out.mpg
```

17. Download an entire website:

```
wget --random-wait -r -p -e robots=off -U mozilla http://www.example.com
```

-p parameter tells wget to include all files, including images. -e robots=off you don't want wget to obey by the robots.txt file -U mozilla as your browsers identity. -random-wait to let wget chose a random number of seconds to wait, avoid get into black list. Other Useful wget Parameters: -limit-rate=20k limits the rate at which it downloads files. -b continues wget after logging out. -o \$HOME/wget_log.txt logs the output

18. Kill: a process that is locking a file:

```
fuser -k filename
```

19. Don't miss the next PI or 234567890 day, find out current unix time:

```
date +%s
```

20. Scans for open ports using telnet:

```
HOST=127.0.0.1;for((port=1;port<=65535;++port)); do echo -en "$port ";if  
echo -en "open $HOST $port\nlogout\nquit" | telnet 2>/dev/null | grep  
'Connected to' > /dev/null; then echo -en "\n\nport $port/tcp is  
open\n\n";fi;done | grep open
```

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