

## Consigna 12 TERMINAL EN DEBIAN

df: compara los archivos línea por línea buscando caracteres que no sean iguales. A diferencia de otros comandos similares.

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debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@debianclient:~# df
filesystem      1K-blocks      Used Available Use% Mounted on
udev            485632          0    485632   0% /dev
tmpfs           101108        4752     96356   5% /run
/dev/sda1       7205476 6796540     23196 100% /
tmpfs           505528          0    505528   0% /dev/shm
tmpfs           5120           4      5116   1% /run/lock
tmpfs           505528          0    505528   0% /sys/fs/cgroup
/dev/loop0      101760 101760          0 100% /snap/core/11187
tmpfs           101104         12    101092   1% /run/user/1000
tmpfs           101104          0    101104   0% /run/user/0
root@debianclient:~# _

```

2)top

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1015	develias	20	0	712068	180196	95540	S	8.0	17.8	0:23.09	kscreenlocker_g
720	develias	20	0	1033940	196472	97648	S	6.0	19.4	0:32.48	plasmashell
706	develias	20	0	2801036	118124	89724	R	1.3	11.7	0:07.14	kwin_x11
491	root	20	0	256324	79048	49956	S	0.7	7.8	0:05.17	Xorg
1	root	20	0	103976	8568	6604	S	0.0	0.8	0:00.93	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-kblockd
7	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker/u2:0-events_unbound
8	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
9	root	20	0	0	0	0	S	0.0	0.0	0:00.04	ksoftirqd/0
10	root	20	0	0	0	0	I	0.0	0.0	0:00.23	rcu_sched
11	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_bh
12	root	rt	0	0	0	0	S	0.0	0.0	0:00.00	migration/0
13	root	20	0	0	0	0	I	0.0	0.0	0:00.26	kworker/0:1-ata_sff
14	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
15	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
16	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
17	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
18	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
19	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
20	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
21	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kcompactd0
22	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
23	root	39	19	0	0	0	S	0.0	0.0	0:00.01	khugepaged
24	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	crypto
25	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
26	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
27	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	edac-poller

3) apt-get upgrade: actualiza nuestro sistema con todas sus posibles actualizaciones

```
root@debianclient:~# apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages will be upgraded:
  linux-image-4.19.0-17-amd64
1 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 48.4 MB of archives.
After this operation, 4,096 B disk space will be freed.
E: You don't have enough free space in /var/cache/apt/archives/.
root@debianclient:~#
```

4) install cowsay: instala el programa cowsay en nuestro sistema linux

```
Reading state information... Done
Suggested packages:
  filters cowsay-off
The following NEW packages will be installed:
  cowsay
1 upgraded, 1 newly installed, 0 to remove and 1 not upgraded.
Need to get 20.9 kB of archives.
After this operation, 92.2 kB of additional disk space will be used.
Get:1 http://deb.debian.org/debian buster/main amd64 cowsay all 3.03+dfsg2-6 [20.9 kB]
Fetched 20.9 kB in 0s (50.9 kB/s)
Selecting previously unselected package cowsay.
Reading database ... 194800 files and directories currently installed.)
Preparing to unpack .../cowsay_3.03+dfsg2-6_all.deb ...
Unpacking cowsay (3.03+dfsg2-6) ...
Setting up cowsay (3.03+dfsg2-6) ...
Processing triggers for man-db (2.8.5-2) ...
root@debianclient:~#
```

5) using comand cowsay; este comando pinta un vaca con el mensaje hell wordl

```
levelias@debianclient:~$ cowsay 'Hello world '
      _____
     / Hello world \>
     \_____
        ^__^
       (oo)\_____
          (__)\       )\/\
              ||----w |
              ||     ||

levelias@debianclient:~$
```