

**El comando df** se usa para mostrar la información relativa al espacio total y disponible de un sistema de archivos. Así que se puede utilizar, junto con la opción `-i`, para llevar un control del uso de inodos en un sistema de archivos.

```
user_intro@ubuntuintro:~$ df
Filesystem                1K-blocks    Used Available Use% Mounted on
tmpfs                      201140      1324    199816   1% /run
/dev/mapper/ubuntu--vg-ubuntu--lv 7865580 4187064    3257448  57% /
tmpfs                      1005696        0    1005696   0% /dev/shm
tmpfs                      5120         0      5120   0% /run/lock
/dev/vda2                  1768056    132784    1527140   8% /boot
/dev/vda1                   549804     6452    543352   2% /boot/efi
```

**El comando top** te permite ver las tareas del sistema que se ejecutan en tiempo real. Proporciona un buen resumen de tu sistema para verificar rápidamente si algo se destaca que pueda estar causando problemas

```
top - 14:45:23 up 6 min, 1 user, load average: 0.02, 0.52, 0.39
Tasks: 115 total, 1 running, 114 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.2 us, 1.1 sy, 0.0 ni, 98.6 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 1964.3 total, 1486.6 free, 155.7 used, 322.0 buff/cache
MiB Swap: 1255.0 total, 1255.0 free, 0.0 used, 1725.8 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
 1054 user_in+  20   0    9952    3412  2820  R   4.7   0.2   0:02.32 top
  454 root      rt    0 289664 25668  7392  S   0.6   1.3   0:02.08 multipathd
   13 root      20   0         0         0        0  S   0.3   0.0   0:00.37 ksoftirqd/0
   14 root      20   0         0         0        0  I   0.3   0.0   0:01.44 rcu_sched
   17 root      20   0         0         0        0  I   0.3   0.0   0:00.23 kworker/0:1-events
   29 root      20   0         0         0        0  I   0.3   0.0   0:01.47 kworker/2:0-events
  111 root      20   0         0         0        0  I   0.3   0.0   0:00.36 kworker/u8:2-events_power_efficient
    1 root      20   0 166572 10780  7516  S   0.0   0.5   0:15.74 systemd
    2 root      20   0         0         0        0  S   0.0   0.0   0:00.04 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
    5 root        0 -20         0         0        0  I   0.0   0.0   0:00.00 slub_flushwq
    6 root        0 -20         0         0        0  I   0.0   0.0   0:00.00 netns
    8 root        0 -20         0         0        0  I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
    9 root      20   0         0         0        0  I   0.0   0.0   0:03.19 kworker/u8:0-flush-253:0
```

**Cowsay es un comando** para tener algunos gráficos ASCII en tu terminal de Linux. Este comando muestra cadenas de tu elección como una vaca está diciendo o pensando, en formato gráfico.

Captura en prox pages=====>

```

user_intro@ubuntuintro:~$ sudo apt install cowsay
[sudo] password for user_intro:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  filters cowsay-off
The following NEW packages will be installed:
  cowsay
0 upgraded, 1 newly installed, 0 to remove and 16 not upgraded.
Need to get 18.6 kB of archives.
After this operation, 93.2 kB of additional disk space will be used.
Get:1 http://ports.ubuntu.com/ubuntu-ports jammy/universe arm64 cowsay all 3.03+dfsg2-8 [18.6 kB]
Fetched 18.6 kB in 2s (10.4 kB/s)
Selecting previously unselected package cowsay.
(Reading database ... 76692 files and directories currently installed.)
Preparing to unpack .../cowsay_3.03+dfsg2-8_all.deb ...
Unpacking cowsay (3.03+dfsg2-8) ...
Setting up cowsay (3.03+dfsg2-8) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes... [
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
user_intro@ubuntuintro:~$ cowsay "hola mundo"
  _____
< hola mundo >
  _____
      ^__^
      (oo)\_______
      (__)\       )\/\
          ||----w |
          ||     ||

user_intro@ubuntuintro:~$

```