



ALEXIS YAHIR ALVAREZ LEON

SISTEMAS OPERATIVOS

TEMA:

“PAQUETES INSTALADOS”

29/08/2025

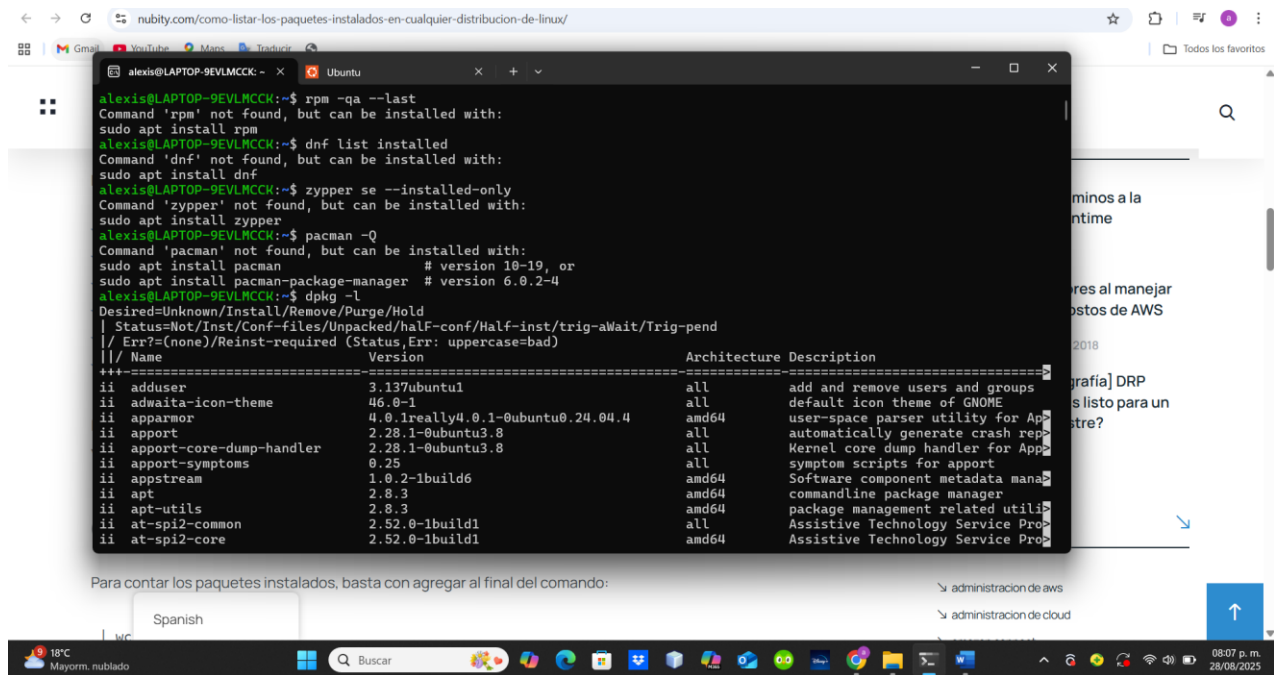
COMANDOS DE LISTADO

- **1-RPM:** \$ rpm -qa --last
- **RedHat / CentOS:** \$ dnf list installed
- **OpenSUSE:** \$ zypper se --installed-only

Los primeros 3 dice que su funcionalidad no esta disponible

- **4-Arch:** \$ pacman -Q

En este comando muestra la versión del pacman instalada son 2 versiones



```
alexis@LAPTOP-9EVLNCKK:~$ rpm -qa --last
Command 'rpm' not found, but can be installed with:
sudo apt install rpm
alexis@LAPTOP-9EVLNCKK:~$ dnf list installed
Command 'dnf' not found, but can be installed with:
sudo apt install dnf
alexis@LAPTOP-9EVLNCKK:~$ zypper se --installed-only
Command 'zypper' not found, but can be installed with:
sudo apt install zypper
alexis@LAPTOP-9EVLNCKK:~$ pacman -Q
Command 'pacman' not found, but can be installed with:
sudo apt install pacman
alexis@LAPTOP-9EVLNCKK:~$ dpkg -l
Desired=Unknown/Install/Remove/Purge/Hold
| Status=Not/Inst/Conf-files/Unpacked/half-conf/Half-inst/trig-aWait/Trig-pend
|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)
++-----+
|| Name                               Version                               Architecture Description
++-----+
ii adduser                            3.137ubuntu1                         all          add and remove users and groups
ii adwaita-icon-theme                 46.0-1                               all          default icon theme of GNOME
ii apparmor                           4.0.1really4.0.1-0ubuntu0.24.04.4    amd64        user-space parser utility for App
ii apport                             2.28.1-0ubuntu3.8                    all          automatically generate crash rep
ii apport-core-dump-handler           2.28.1-0ubuntu3.8                    all          Kernel core dump handler for App
ii apport-symptoms                    0.25                                  all          symptom scripts for apport
ii appstream                          1.0.2-1build6                         amd64        Software component metadata mana
ii apt                                 2.8.3                                 amd64        commandline package manager
ii apt-utils                          2.8.3                                 amd64        package management related utilit
ii at-spi2-common                     2.52.0-1build1                       all          Assistive Technology Service Prop
ii at-spi2-core                       2.52.0-1build1                       amd64        Assistive Technology Service Prop
```

- **5-Debian / Ubuntu via DPKG:** \$ dpkg -l

Este comando muestra todos los sistemas instalados del dpkg

```
alexis@LAPTOP-9EVLKCCX:~$ dpkg -l
Desired=Unknown/Install/Remove/Purge/Hold
| Status=Not/Inst/Conf-files/Unpacked/half-f-inst/trig-aWait/Trig-pend
|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)
++/ Name Version Architecture Description
++-----+-----+-----+-----+
ii adduser 3.137ubuntu1 all add and remove users and groups
ii adwaita-icon-theme 46.0-1 all default icon theme of GNOME
ii apparmor 4.0.1really4.0.1-0ubuntu0.24.04.4 amd64 user-space parser utility for App
ii apport 2.28.1-0ubuntu3.8 all automatically generate crash rep
ii apport-core-dump-handler 2.28.1-0ubuntu3.8 all Kernel core dump handler for App
ii apport-symptoms 0.25 all symptom scripts for apport
ii appstream 1.0.2-1build6 amd64 Software component metadata manag
ii apt 2.8.3 amd64 commandline package manager
ii apt-utils 2.8.3 amd64 package management related utilit
ii at-spi2-common 2.52.0-1build1 all Assistive Technology Service Pro
ii at-spi2-core 2.52.0-1build1 amd64 Assistive Technology Service Pro
ii base-files 13ubuntu10.3 amd64 Debian base system miscellaneous
ii base-passwd 3.6.3build1 amd64 Debian base system master passwo
ii bash 5.2.21-2ubuntu4 amd64 GNU Bourne Again Shell
ii bash-completion 1.2.11-8 all programmable completion for the
ii bc 1.07.1-3ubuntu4 amd64 GNU bc arbitrary precision calcul
ii binutils 2.42-4ubuntu2.5 amd64 GNU assembler, linker and binary
ii binutils-common:amd64 2.42-4ubuntu2.5 amd64 Common files for the GNU assembl
ii binutils-x86-64-linux-gnu 2.42-4ubuntu2.5 amd64 GNU binary utilities, for x86-64
ii bsdxtrautils 2.39.3-9ubuntu6.3 amd64 extra utilities from 4.4BSD-Lite
ii bsduutils 1.2.39.3-9ubuntu6.3 amd64 basic utilities from 4.4BSD-Lite
ii byobu 6.11-0ubuntu1 all text window manager, shell mult
ii ca-certificates 20240203 all Common CA certificates
ii cloud-guest-utils 0.33-1 all cloud guest utilities
alexis@LAPTOP-9EVLKCCX:~$ apt list --installed
Listing... Done
adduser/noble,now 3.137ubuntu1 all [installed,automatic]
adwaita-icon-theme/noble,now 46.0-1 all [installed,automatic]
apparmor/noble-updates,now 4.0.1really4.0.1-0ubuntu0.24.04.4 amd64 [installed,automatic]
apport-core-dump-handler/noble-updates,noble-security,now 2.28.1-0ubuntu3.8 all [installed,automatic]
apport-symptoms/noble,now 0.25 all [installed,automatic]
apport/noble-updates,noble-security,now 2.28.1-0ubuntu3.8 all [installed,automatic]
appstream/noble,now 1.0.2-1build6 amd64 [installed,automatic]
apt-utils/noble-updates,now 2.8.3 amd64 [installed,automatic]
apt/noble-updates,now 2.8.3 amd64 [installed,automatic]
```

• 6-Debian / Ubuntu via APT: \$ apt list --installed

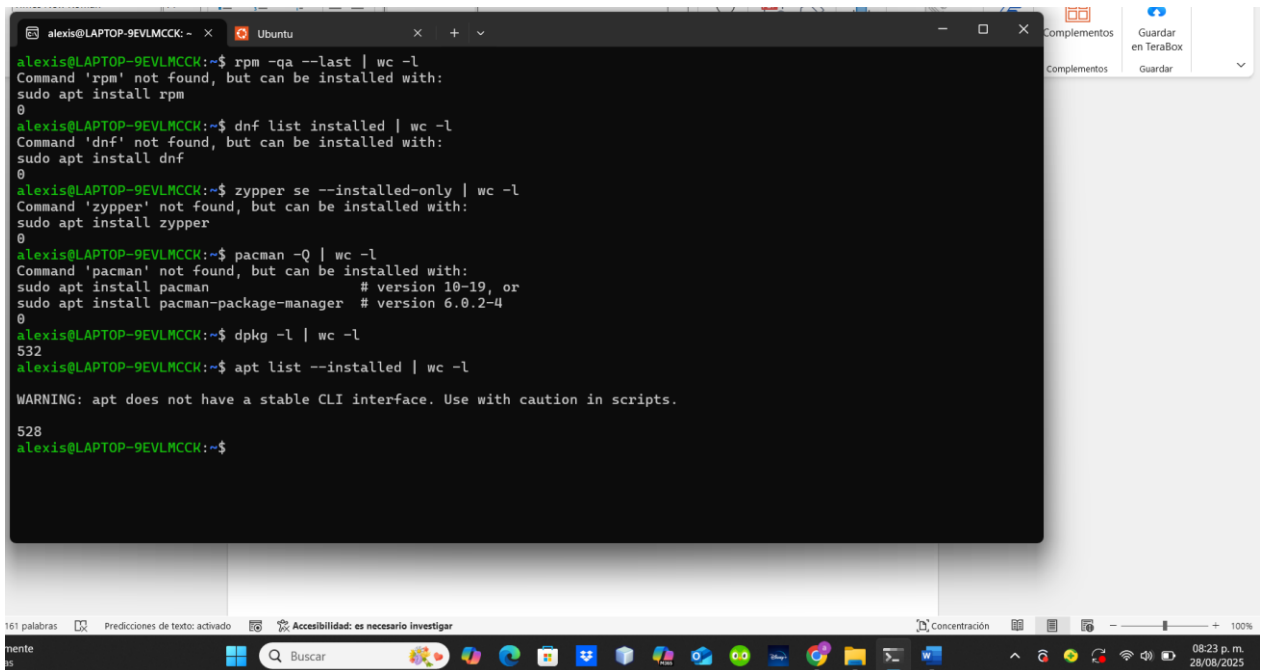
En este comando muestra los paquetes instalados de ATP lo mas uasados y lo mas actualizados por asi decirlo a diferencia del comando anterior

```
alexis@LAPTOP-9EVLKCCX:~$ apt list --installed
Listing... Done
adduser/noble,now 3.137ubuntu1 all [installed,automatic]
adwaita-icon-theme/noble,now 46.0-1 all [installed,automatic]
apparmor/noble-updates,now 4.0.1really4.0.1-0ubuntu0.24.04.4 amd64 [installed,automatic]
apport-core-dump-handler/noble-updates,noble-security,now 2.28.1-0ubuntu3.8 all [installed,automatic]
apport-symptoms/noble,now 0.25 all [installed,automatic]
apport/noble-updates,noble-security,now 2.28.1-0ubuntu3.8 all [installed,automatic]
appstream/noble,now 1.0.2-1build6 amd64 [installed,automatic]
apt-utils/noble-updates,now 2.8.3 amd64 [installed,automatic]
apt/noble-updates,now 2.8.3 amd64 [installed,automatic]
at-spi2-common/noble,now 2.52.0-1build1 all [installed,automatic]
at-spi2-core/noble,now 2.52.0-1build1 amd64 [installed,automatic]
base-files/noble-updates,now 13ubuntu10.3 amd64 [installed]
base-passwd/noble,now 3.6.3build1 amd64 [installed,automatic]
bash-completion/noble,now 1:2.11-8 all [installed,automatic]
bash/noble,now 5.2.21-2ubuntu4 amd64 [installed]
bc/noble,now 1.07.1-3ubuntu4 amd64 [installed,automatic]
binutils-common/noble-updates,noble-security,now 2.42-4ubuntu2.5 amd64 [installed,automatic]
binutils-x86-64-linux-gnu/noble-updates,noble-security,now 2.42-4ubuntu2.5 amd64 [installed,automatic]
binutils/noble-updates,noble-security,now 2.42-4ubuntu2.5 amd64 [installed,automatic]
bsdxtrautils/noble-updates,now 2.39.3-9ubuntu6.3 amd64 [installed,automatic]
bsduutils/noble-updates,now 1:2.39.3-9ubuntu6.3 amd64 [installed]
byobu/noble,now 6.11-0ubuntu1 all [installed,automatic]
ca-certificates/noble,now 20240203 all [installed,automatic]
cloud-guest-utils/noble,now 0.33-1 all [installed,automatic]
cloud-init/noble-updates,noble-security,now 25.1.4-0ubuntu0~24.04.1 all [installed,automatic]
command-not-found/noble,now 23.04.0 all [installed,automatic]
console-setup-linux/noble,now 1.226ubuntu1 all [installed,automatic]
console-setup/noble,now 1.226ubuntu1 all [installed,automatic]
coreutils/noble,now 9.4-3ubuntu6 amd64 [installed]
cron-daemon-common/noble,now 3.0pl1-184ubuntu2 all [installed,automatic]
cron/noble,now 3.0pl1-184ubuntu2 amd64 [installed,automatic]
curl/noble-updates,noble-security,now 8.5.0-2ubuntu10.6 amd64 [installed,automatic]
dash/noble,now 0.5.12-6ubuntu5 amd64 [installed]
dbus-bir/noble-updates,now 1.14.10-4ubuntu4.1 amd64 [installed,automatic]
dbus-daemon/noble-updates,now 1.14.10-4ubuntu4.1 amd64 [installed,automatic]
dbus-session-bus-common/noble-updates,now 1.14.10-4ubuntu4.1 all [installed,automatic]
dbus-system-bus-common/noble-updates,now 1.14.10-4ubuntu4.1 all [installed,automatic]
dbus-user-session/noble-updates,now 1.14.10-4ubuntu4.1 amd64 [installed,automatic]
dbus-x11/noble-updates,now 1.14.10-4ubuntu4.1 amd64 [installed,automatic]
```

Conteo de paquetes.

- **1-RPM:** \$ rpm -qa --last | wc -l
- **RedHat / CentOS:** \$ dnf list installed | wc -l
- **OpenSUSE:** \$ zypper se --installed-only | wc -l

En estos comandos al ejecutarlos no tienen función y aparece 0 pero sirven para ver los paquetes instalados en RPM, DNF, y zypper



```
alexis@LAPTOP-9EVLNCK:~$ rpm -qa --last | wc -l
Command 'rpm' not found, but can be installed with:
sudo apt install rpm
0
alexis@LAPTOP-9EVLNCK:~$ dnf list installed | wc -l
Command 'dnf' not found, but can be installed with:
sudo apt install dnf
0
alexis@LAPTOP-9EVLNCK:~$ zypper se --installed-only | wc -l
Command 'zypper' not found, but can be installed with:
sudo apt install zypper
0
alexis@LAPTOP-9EVLNCK:~$ pacman -Q | wc -l
Command 'pacman' not found, but can be installed with:
sudo apt install pacman # version 10-19, or
sudo apt install pacman-package-manager # version 6.0.2-4
0
alexis@LAPTOP-9EVLNCK:~$ dpkg -l | wc -l
532
alexis@LAPTOP-9EVLNCK:~$ apt list --installed | wc -l
WARNING: apt does not have a stable CLI interface. Use with caution in scripts.
528
alexis@LAPTOP-9EVLNCK:~$
```

- **4-Arch:** \$ pacman -Q | wc -l

En este comando sirve para contar los paquetes instalados en pacman y las versiones

- **5-Debian / Ubuntu via DPKG:** \$ dpkg -l | wc -l

Su función es ver los paquetes instalados en dpkg que son 532 mostrados en la imagen

- **6-Debian / Ubuntu via APT:** \$ apt list --installed | wc -l

Cuenta los paquetes que están en el APT que son 528 es una mejora del comando anterior

```
alexis@LAPTOP-9EVLHCCK:~$ pacman -Q | wc -l
Command 'pacman' not found, but can be installed with:
sudo apt install pacman # version 10-19, or
sudo apt install pacman-package-manager # version 6.0.2-4
0
alexis@LAPTOP-9EVLHCCK:~$ dpkg -l | wc -l
532
alexis@LAPTOP-9EVLHCCK:~$ apt list --installed | wc -l

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

528
alexis@LAPTOP-9EVLHCCK:~$
```

Exportar la lista a un .txt

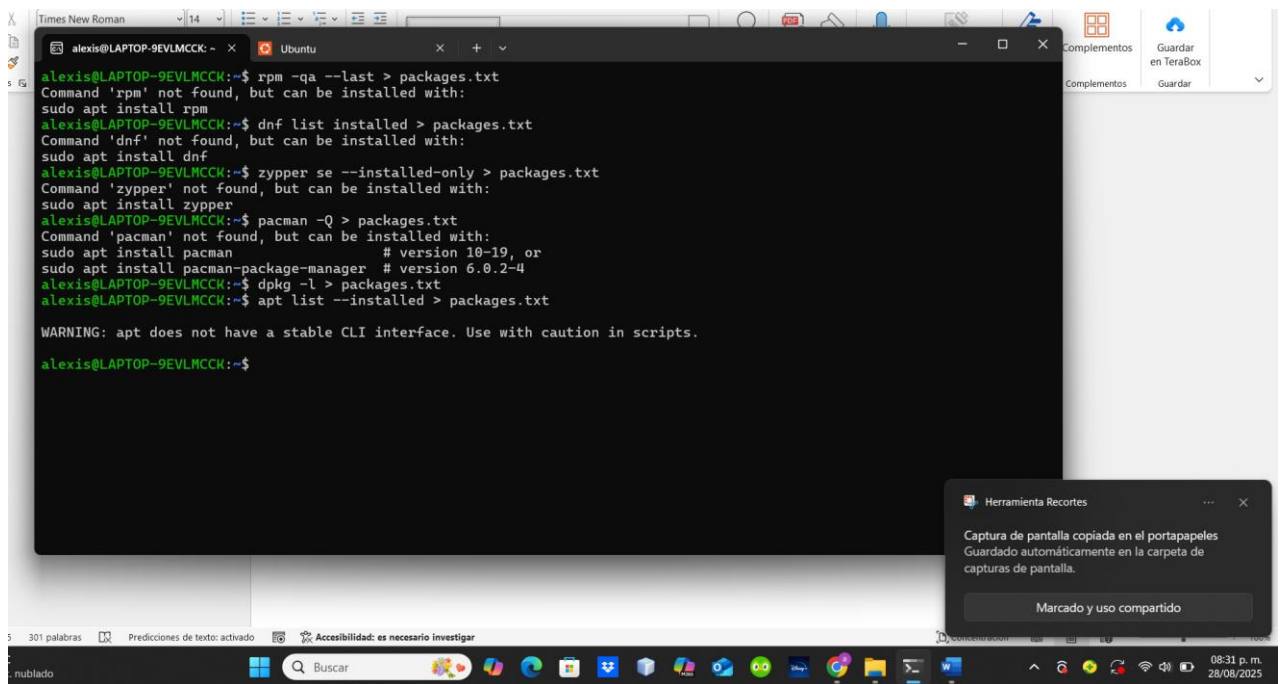
- **RPM:** `$ rpm -qa --last > packages.txt`
- **RedHat / CentOS:** `$ dnf list installed > packages.txt`
- **OpenSuSE:** `$ zypper se --installed-only > packages.txt`
- **Arch:** `$ pacman -Q > packages.txt`
- **Debian / Ubuntu via DPKG:** `$ dpkg -l > packages.txt`
- **Debian / Ubuntu via APT:** `$ apt list --installed > packages.txt`

Los primero 3 la función no esta disponible

El cuarto muestra los paquetes txt del pacman y las versiones

El quinto los paquetes de texto en dpkg en este caso fue 0 porque no ahí ninguno

Y el sexto es la lista de los scrips del APT de los comandos instalados



Referencias

- [1] «Nubity,» [En línea]. Available: <https://nubity.com/como-listar-los-paquetes-instalados-en-cualquier-distribucion-de-linux/>. [Último acceso: 28 08 2025].