



Universidad Autónoma del Estado de México

Centro Universitario UAEM Zumpango

Ingeniería en Computación

Periodo 2025B

Sistemas Operativos

Actividad:

Paquetes Instalados

Presenta:

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Desarrollo

- `sudo dpkg -l`: Muestra una lista de todos los paquetes instalados en el sistema, incluyendo nombre, versión y una breve descripción. El prefijo **sudo** permite ejecutar el comando con permisos de superusuario.

```
adair@DESKTOP-CKF7H90: ~  
[sudo] password for adair:  
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 accountsservice 0.6.55-0ubuntu12~20.04.5 amd64 query and manipulate user account information  
ii adduser 3.118ubuntu2 all add and remove users and groups  
ii alsa-topology-conf 1.2.2-1 all ALSA topology configuration files  
ii alsa-ucm-conf 1.2.2-1ubuntu0.13 all ALSA Use Case Manager configuration files  
ii apparmor 2.13.3-7ubuntu5.2 amd64 user-space parser utility for AppArmor  
ii apport 2.20.11-0ubuntu27.26 all automatically generate crash reports for debugging  
ii apport-symptoms 0.23 all symptom scripts for apport  
ii apt 2.0.9 amd64 commandline package manager  
ii apt-utils 2.0.9 amd64 package management related utility programs  
ii at 3.1.23-1ubuntu1 amd64 Delayed job execution and batch processing  
ii base-files 11ubuntu5.7 amd64 Debian base system miscellaneous files  
ii base-passwd 3.5.47 amd64 Debian base system master password and group files  
...lines 1-42... skipping...  
Desired=Unknown/Install/Remove/Purge/Hold  
| Status=Not/Inst/Conf-files/Unpacked/halF-conf/Half-inst/trig-aWait/Trig-pend  
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 accountsservice 0.6.55-0ubuntu12~20.04.5 amd64 query and manipulate user account information  
ii adduser 3.118ubuntu2 all add and remove users and groups  
ii alsa-topology-conf 1.2.2-1 all ALSA topology configuration files  
ii alsa-ucm-conf 1.2.2-1ubuntu0.13 all ALSA Use Case Manager configuration files  
ii apparmor 2.13.3-7ubuntu5.2 amd64 user-space parser utility for AppArmor  
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ii apt 2.0.9 amd64 commandline package manager  
ii apt-utils 2.0.9 amd64 package management related utility programs  
ii at 3.1.23-1ubuntu1 amd64 Delayed job execution and batch processing  
ii base-files 11ubuntu5.7 amd64 Debian base system miscellaneous files  
ii base-passwd 3.5.47 amd64 Debian base system master password and group files
```

- `dpkg -l | wc -l`: Ejecuta `dpkg -l` para listar los paquetes y luego canaliza (|) esa salida a `wc -l`, que cuenta cuántas líneas tiene. Esto da una estimación del número total de paquetes instalados.
- `dpkg -l > packages.txt`: Ejecuta `dpkg -l` y redirige la salida hacia un archivo llamado `packages.txt`. Así puedes guardar la lista de paquetes instalados en un archivo de texto para su revisión posterior.

```
adair@DESKTOP-CKF7H90: ~
adair@DESKTOP-CKF7H90:~$ sudo dpkg -l | wc -l
[sudo] password for adair:
653
adair@DESKTOP-CKF7H90:~$ sudo dpkg -l > packages.txt
adair@DESKTOP-CKF7H90:~$ dpkg -l > packages.txt
adair@DESKTOP-CKF7H90:~$ 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           ||
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
ii accountsservice      0.6.55-0ubuntu12~20.04.5 amd64                  ii adduser              3.118ubuntu2           all                    ii ap
ii alsa-topology-conf   1.2.2-1                all                    ii alsa-ucm-conf        1.2.2-1ubuntu0.13      all                    ii apt
ii apparmor            2.13.3-7ubuntu5.2      amd64                  ii appport              2.20.11-0ubuntu27.26   all                    ii apt-ut
ii apt-symptoms        0.23                   all                    ii apt                  2.0.9                  amd64                  ii base-fil
ii at                  3.1.23-1ubuntu1         amd64                  ii at                   3.5.47                 amd64                  ii bash
ii base-passwd         3.5.47                 amd64                  ii base-completion      1:2.10-1ubuntu1        all                    ii bc
ii base-tools          1:0.8-3ubuntu0.1       amd64                  ii bcache-tools         1:0.16.1-0ubuntu2.14   amd64                  ii bind9-dnsutils
ii bind9-host          1:9.16.1-0ubuntu2.14   amd64                  ii bind9-libs:amd64    0.9.16.1-2ubuntu20.04.2 amd64                  ii bsdmainutils
ii bolt                1:2.34-0.1ubuntu9.3    amd64                  ii bsdutils             1:2.34-0.1ubuntu9.3    amd64                  ii btrfs-progs
ii busybox-initramfs   1:1.30.1-4ubuntu6.4    amd64                  ii busybox-static       1:1.30.1-4ubuntu6.4    amd64                  ii bzip2
ii byobu              5.133-0ubuntu1         all                    ii ca-certificates      20230311ubuntu0.20.04.1 all                    ii cloud-guest-utils
ii cloud-init          23.1.2-0ubuntu0~20.04.2 amd64                  ii cloud-initramfs-copymods all                    ii cloud-initramfs-copymods
ii cloud-initramfs-dyn-netconf 0.45ubuntu2           all                    ii command-not-found    1
ii console-setup       1.194ubuntu3           amd64                  ii console-setup-linux  2.1
ii coreutils           8.30-3ubuntu2          amd64                  ii cpio                  2.1
ii cpio                2.11-1ubuntu1          amd64
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
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           ||
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
ii accountsservice      0.6.55-0ubuntu12~20.04.5 amd64                  query and manipulate user account information
ii adduser              3.118ubuntu2           all                    add and remove users and groups
ii alsa-topology-conf   1.2.2-1                all                    ALSA topology configuration files
ii alsa-ucm-conf        1.2.2-1ubuntu0.13      all                    ALSA Use Case Manager configuration files
ii apparmor            2.13.3-7ubuntu5.2      amd64                  user-space parser utility for AppArmor
ii appport              2.20.11-0ubuntu27.26   all                    automatically generate crash reports for debugging
ii apt-symptoms        0.23                   all                    symptom scripts for appport
ii apt                  2.0.9                  amd64                  commandline package manager
ii apt-utils           2.0.9                  amd64                  package management related utility programs
ii at                  3.1.23-1ubuntu1         amd64                  Delayed job execution and batch processing
```

Activar Windows
Ve a Configuración para activar Windows.

Referencias

[1] "dpkg(1) — Linux manual page", man7.org. [Online]. Available: Linux manual – dpkg(1). Accessed: Sep. 10, 2025.