

Centro Universitario del Estado de México UAEM

Ingeniería en Computación



Sistemas Operativos

Tarea: Paquetes instalados

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Tarea: Paquetes instalados

1- Mostrar todos los paquetes instalados en el distro Linux

Al colocar `apt list --installed` nos muestra la lista de los paquetes que están instalados en el distrito de Linux que tenemos instalado.

```
uuen@DESKTOP-T6TGPVL:/home$ apt list --installed
Listing... Done
addresser/noble,now 3.137ubuntu1 all [installed,automatic]
adwaita-icon-theme/noble,now 46.0-1 all [installed,automatic]
apparmor/noble-updates,now 4.0.1really4.0.1-9ubuntu0.24.04.4 amd64 [installed,automatic]
apparmor-coreutils/noble-updates,noble-security,now 2.28.1-9ubuntu3.8 all [installed,automatic]
apparmor-systemd/noble,now 0.25 all [installed,automatic]
apparmor/noble-updates,noble-security,now 2.28.1-9ubuntu3.8 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]
base/noble,now 5.2.21-2ubuntu4 amd64 [installed]
bc/noble,now 1.87.1-3ubuntu4 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]
bustrotts/noble-updates,now 2.39.3-9ubuntu0.3 amd64 [installed,automatic]
bustrotts/noble-updates,now 1:2.39.3-9ubuntu0.3 amd64 [installed]
byobu/noble,now 6.11-9ubuntu1 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/noble,now 3.0pl1-19ubuntu2 all [installed,automatic]
cron/noble,now 3.0pl1-19ubuntu2 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-bin/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]
dconf-gsettings-backend/noble,now 0.40.0-4build2 amd64 [installed,automatic]
dconf-service/noble,now 0.40.0-4build2 amd64 [installed,automatic]
debconf-i18n/noble,now 1.5.86ubuntu1 all [installed,automatic]
debconf/noble,now 1.5.86ubuntu1 all [installed,automatic]
debianutils/noble,now 5.17build1 amd64 [installed]
dchroot-base/noble-updates,now 1:10.0.6-1ubuntu1 amd64 [installed,automatic]
diffutils/noble,now 1:3.10-1build1 amd64 [installed]
dirvng/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
distro-info-data/noble-updates,now 0.60ubuntu0.3 all [installed,automatic]

e2fsprogs-lib/noble-updates,now 1.47.0-2.4-explubuntu4.1 all [installed,automatic]
e2fsprogs/noble-updates,now 1.47.0-2.4-explubuntu4.1 amd64 [installed,automatic]
ext2fslib/noble,now 131-1ubuntu1 all [installed,automatic]
ed/noble,now 1.20.1-1 amd64 [installed,automatic]
eject/noble-updates,now 2.39.3-9ubuntu0.3 amd64 [installed,automatic]
ethtool/noble,now 1:6.7-1build1 amd64 [installed,automatic]
fdisk/noble-updates,now 2.39.3-9ubuntu0.3 amd64 [installed,automatic]
file/noble,now 1:5.45-3build1 amd64 [installed,automatic]
findutils/noble,now 4.9.0-5build1 amd64 [installed]
fontconfig-config/noble,now 2.15.0-1.1ubuntu2 amd64 [installed,automatic]
fontconfig/noble,now 2.15.0-1.1ubuntu2 amd64 [installed,automatic]
fonts-dejavu-core/noble,now 2.37-8 all [installed,automatic]
fonts-dejavu-norm/noble,now 2.37-8 all [installed,automatic]
fonts-ubuntu/noble,now 0.869+git20240321-0ubuntu1 all [installed,automatic]
fuse3/noble,now 3.14.0-5build1 amd64 [installed,automatic]
gawk/noble,now 1:5.2.1-2build3 amd64 [installed,automatic]
gcc-10-base/noble-updates,noble-security,now 10.2.0-4ubuntu2-24.04 amd64 [installed,automatic]
gdisk/noble,now 1.0.10-1build1 amd64 [installed,automatic]
gettext-base/noble,now 0.21-14ubuntu2 amd64 [installed,automatic]
git-2.43-repository-2.0/noble,now 1.80.1-1 amd64 [installed,automatic]
git-2.43-lib-2.0/noble-updates,noble-security,now 2.80.0-6ubuntu3.4 amd64 [installed,automatic]
git-2.43-packagekitlib-1.0/noble-updates,now 1.2.0-2ubuntu1.2 amd64 [installed,automatic]
git/noble-updates,noble-security,now 1:2.43.0-1ubuntu7.3 all [installed,automatic]
git/noble-updates,noble-security,now 1:2.43.0-1ubuntu7.3 amd64 [installed,automatic]
gnupg-lib/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 all [installed,automatic]
gnupg-utility/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 all [installed,automatic]
gnupg-agent/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg-cleartext/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg-cs/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg-gn/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
gnupg/noble,now 3.11-1build1 amd64 [installed]
gnupg-base/noble,now 1.23.0-3build1 amd64 [installed,automatic]
gsettings-desktop-schemas/noble-updates,now 46.1-0ubuntu1 all [installed,automatic]
gtk-update-icon-cache/noble-updates,now 3.24.41-4ubuntu1.3 amd64 [installed,automatic]
grip/noble-updates,now 1.12-1ubuntu3.1 amd64 [installed]
hicolor-icon-theme/noble,now 0.17-2 all [installed,automatic]
humanity/noble,now 3.237+n2ubuntu2 amd64 [installed]
humanity-icon-theme/noble,now 0.6.16 all [installed,automatic]
info/noble,now 7.1-3build2 amd64 [installed,automatic]
init-system-helpers/noble,now 1.66ubuntu1 all [installed,automatic]
init/noble,now 1.66ubuntu1 amd64 [installed]
install-info/noble,now 7.1-3build2 amd64 [installed,automatic]
ispwout/noble-updates,now 6.1.0-1ubuntu0.2 amd64 [installed,automatic]
iputils-ping/noble-updates,noble-security,now 3:20240117-1ubuntu0.1 amd64 [installed,automatic]
isc-code/noble,now 4.16.0-1 all [installed,automatic]
kbd/noble,now 2.6.4-2ubuntu2 amd64 [installed,automatic]
keyboard-configuration/noble,now 1.226ubuntu1 all [installed,automatic]
keyboxd/noble-updates,noble-security,now 2.4.4-2ubuntu17.3 amd64 [installed,automatic]
```

```
python3-pyxdm/noble,now 0.20.0-build2 amd64 [installed,automatic]
python3-requests/noble-updates,noble-security,now 2.31.0+dfsg-1ubuntu1.1 all [installed,automatic]
python3-rich/noble,now 13.7.1-1 all [installed,automatic]
python3-serial/noble,now 3.5-2 all [installed,automatic]
python3-service-identity/noble,now 24.1.0-1 all [installed,automatic]
python3-setupool/noble-updates,noble-security,now 68.1.2-2ubuntu1.2 all [installed,automatic]
python3-sit/noble,now 1.16.0-4 all [installed,automatic]
python3-software-properties/noble,now 0.99.49.2 all [installed,upgradable to: 0.99.49.3]
python3-systemd/noble,now 235-1build4 amd64 [installed,automatic]
python3-twisted/noble-updates,noble-security,now 24.3.0-1ubuntu0.1 all [installed,automatic]
python3-typing-extensions/noble,now 4.10.0-1 all [installed,automatic]
python3-tt/noble,now 2020.1-2 all [installed,automatic]
python3-update-notifier/noble-updates,now 1.24.0-12 all [installed,automatic]
python3-urllib/noble-updates,noble-security,now 2.0.7-1ubuntu0.2 all [installed,automatic]
python3-wadllib/noble,now 1.3.6-5 all [installed,automatic]
python3-yaml/noble,now 6.0.1-2build2 amd64 [installed,automatic]
python3-zope-interface/noble,now 6.1-1build1 amd64 [installed,automatic]
python3-12-minimal/noble,now 3.12.3-1ubuntu0.7 amd64 [installed,upgradable to: 3.12.3-1ubuntu0.8]
python3.12/noble,now 3.12.3-1ubuntu0.7 amd64 [installed,upgradable to: 3.12.3-1ubuntu0.8]
python3/noble-updates,now 3.12.3-0ubuntu2 amd64 [installed,automatic]
readline-common/noble,now 8.2-4build1 all [installed,automatic]
rsync/noble-updates,noble-security,now 3.2.7-1ubuntu1.2 amd64 [installed,automatic]
rsyslog/noble-updates,now 8.2312.0-3ubuntu0.1 amd64 [installed,automatic]
run-ones/noble,now 1.17-0ubuntu2 all [installed,automatic]
sasl/noble,now 4.9-2build1 amd64 [installed,automatic]
sensible-utils/noble,now 0.0.22 all [installed,automatic]
session-migration/noble,now 0.3.9build1 amd64 [installed,automatic]
sgml-base/noble,now 1.31 all [installed,automatic]
shared-mime-info/noble,now 2.4-4 amd64 [installed,automatic]
show-usr/noble,now 3.12 all [installed,automatic]
snapd/noble-updates,now 2.68.5+ubuntu24.04.1 amd64 [installed,automatic]
software-properties-common/noble,now 0.99.49.2 all [installed,upgradable to: 0.99.49.3]
squashfs-tools/noble,now 1:4.6.1-1build1 amd64 [installed,automatic]
sudo/noble-updates,noble-security,now 1.9.15p5-3ubuntu5.24.04.1 amd64 [installed,automatic]
systemd-cryptsetup/noble-updates,now 255.4-1ubuntu0.10 all [installed,automatic]
systemd-hwdb/noble-updates,now 255.1-4 all [installed,automatic]
systemd-resolved/noble-updates,now 255.4-1ubuntu0.10 amd64 [installed,automatic]
systemd-sysv/noble-updates,now 255.4-1ubuntu0.10 amd64 [installed,automatic]
systemd-timesyncd/noble-updates,now 255.4-1ubuntu0.10 amd64 [installed,automatic]
systemd/noble-updates,now 255.4-1ubuntu0.10 amd64 [installed,automatic]
systemd-udev/noble,now 3.08-6ubuntu2 amd64 [installed,automatic]
tax/noble,now 1.35+dfsg-3build1 amd64 [installed,automatic]
time/noble,now 1.9-0.2build1 amd64 [installed,automatic]
tmux/noble-updates,now 3.4-1ubuntu0.1 amd64 [installed,automatic]
tzdata/noble-updates,noble-security,now 2025b-0ubuntu0.24.04.1 all [installed,automatic]
ubuntu-keyring/noble,now 2023.11.28.1 all [installed,automatic]
ubuntu-minimal/noble-updates,now 1.839.2 amd64 [installed]
ubuntu-mono/noble,now 24.04-0ubuntu1 all [installed,automatic]
ubuntu-pro-client-lib/noble-updates,now 36ubuntu0-24.04 amd64 [installed,automatic]
ubuntu-pro-client/noble-updates,now 36ubuntu0-24.04 amd64 [installed,automatic]
ubuntu-release-upgrader-core/noble-updates,now 1:24.04.27 all [installed,automatic]
```

2- Muestre el total de paquetes instalados

Al ejecutar `apt list --installed | wc -l` nos muestra el total de los paquetes encontrados instalados en nuestro distro Linux

```
zlib1g/noble-updates,now 1:1.3.dfsg-3.1ubuntu2.1 amd64 [installed,automatic]
uaem@DESKTOP-T6TGPVL:/home$ apt list --installed | wc -l

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

525
uaem@DESKTOP-T6TGPVL:/home$ cd ~
```

3- Exporte la lista de paquetes al archivo txt con nombre PkgInstallAgo25.txt

Para exportar la lista de los paquetes a un archivo de texto para tenerlo como futura referencia ejecutamos `apt list --installed > PkgInstallAgo25.txt` y con `ls -l PkgInstallAgo25.txt` verificamos que si se haya exportado el archivo

```
uaem@DESKTOP-T6TGPVL: ~  
ubuntu-wsl/noble-updates,now 1.539.2 amd64 [installed]  
ucf/noble,now 3.0043+nmui all [installed,automatic]  
udev/noble-updates,now 255.4-lubuntu8.10 amd64 [installed,automatic]  
unattended-upgrades/noble,now 2.9.1+nm4ubuntu1 all [installed,automatic]  
update-manager-core/noble-updates,now 1:24.04.12 all [installed,automatic]  
update-notif/noble,now 3.12 all [installed,automatic]  
usb.ids/noble,now 2024.03.18-1 all [installed,automatic]  
util-linux/noble-updates,now 2.39.3-9ubuntu6.3 amd64 [installed]  
uuid-runtime/noble-updates,now 2.39.3-9ubuntu6.3 amd64 [installed,automatic]  
vim-common/noble-updates,noble-security,now 2:9.1.0016-lubuntu7.8 all [installed,automatic]  
vim-runtime/noble-updates,noble-security,now 2:9.1.0016-lubuntu7.8 all [installed,automatic]  
vim-tiny/noble-updates,noble-security,now 2:9.1.0016-lubuntu7.8 amd64 [installed,automatic]  
vim/noble-updates,noble-security,now 2:9.1.0016-lubuntu7.8 amd64 [installed,automatic]  
wget/noble-updates,noble-security,now 1.21.4-lubuntu4.1 amd64 [installed,automatic]  
whiptail/noble,now 0.52.24-2ubuntu2 amd64 [installed,automatic]  
wsl-pro-services/noble,now 0.1.4 amd64 [installed,automatic]  
wsl-setup/noble-updates,now 0.5.10-24.04 amd64 [installed,automatic]  
x11-common/noble,now 1:7.7+23ubuntu3 all [installed,automatic]  
xauth/noble,now 1:1.1.2-1build1 amd64 [installed,automatic]  
xdg-user-dirs/noble,now 0.18-1build1 amd64 [installed,automatic]  
xkb-data/noble-updates,now 2.41-2ubuntu1.1 all [installed,automatic]  
xml-core/noble,now 0.19 all [installed,automatic]  
xrd/noble-updates,noble-security,now 2:9.1.0016-lubuntu7.8 amd64 [installed,automatic]  
xz-utils/noble-updates,noble-security,now 5.6.1+really5.4.5-lubuntu0.2 amd64 [installed,automatic]  
zlib1g/noble-updates,now 1:1.3.dfsg-3.1ubuntu2.1 amd64 [installed,automatic]  
uaem@DESKTOP-T6TGPVL:/home$ apt list --installed | wc -l  
525  
uaem@DESKTOP-T6TGPVL:/home$ cd ~  
uaem@DESKTOP-T6TGPVL:~$ apt list --installed > PkgInstallAgo25.txt  
WARNING: apt does not have a stable CLI interface. Use with caution in scripts.  
uaem@DESKTOP-T6TGPVL:~$ ls -l PkgInstallAgo25.txt  
-rw-r--r-- 1 uaem uaem 38159 Sep  4 12:25 PkgInstallAgo25.txt  
uaem@DESKTOP-T6TGPVL:~$
```

Referencias:

- [1] Nubity, "Cómo listar los paquetes instalados en cualquier distribución de Linux," Nubity, 07-may-2018. [En línea]. Disponible en: <https://nubity.com/como-listar-los-paquetes-instalados-en-cualquier-distribucion-de-linux/>. [Consultado: 04-sep-2025].