

Linux Package Management Command's

Command	Description
Debian and Ubuntu:	
apt-get update	This command is used to update the local package index from the repositories specified in the sources.list file.
apt-get upgrade	This command is used to upgrade all the currently installed packages to their latest versions.
apt-get install [package-name]	This command is used to install a package or multiple packages.
apt-get remove [package-name]	This command is used to remove a package from the system.
apt-get autoremove	This command is used to remove any packages that were installed as dependencies but are no longer needed.
apt-get purge [package-name]	This command is used to remove a package along with its configuration files.
apt-get clean	This command is used to clean up the local repository of retrieved package files that are no longer needed.
apt-cache search [search-term]	This command is used to search for a package based on a search term.
apt-cache show [package-name]	This command is used to display detailed information about a package, including its dependencies.
dpkg -i [package-name.deb]	This command is used to install a package from a .deb file.
dpkg -r [package-name]	This command is used to remove a package from the system.
dpkg -L [package-name]	This command is used to list all the files that were installed by a package.
Fedora, CentOS, Rocky Linux & Red Hat:	
dnf update	This command is used to update all installed packages on the system.
dnf install [package-name]	This command is used to install a specific package or multiple packages.
dnf remove [package-name]	This command is used to remove a specific package from the system.
dnf search [search-term]	This command is used to search for packages based on a search term.
dnf info [package-name]	This command is used to display detailed information about a package, including its dependencies.
rpm -qa	This command is used to list all installed packages on the system.
rpm -qi [package-name]	This command is used to display information about a specific package, including its version and installation date.

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<code>rpm -ql [package-name]</code>	This command is used to list all files installed by a package.
<code>yum update</code>	This command is used to update all installed packages on the system (older versions of Fedora, CentOS, and Red Hat).
<code>yum install [package-name]</code>	This command is used to install a specific package or multiple packages (older versions of Fedora, CentOS, and Red Hat).
<code>yum remove [package-name]</code>	This command is used to remove a specific package from the system (older versions of Fedora, CentOS, and Red Hat).
<code>yum search [search-term]</code>	This command is used to search for packages based on a search term (older versions of Fedora, CentOS, and Red Hat).
<code>yum info [package-name]</code>	This command is used to display detailed information about a package, including its dependencies (older versions of Fedora, CentOS, and Red Hat).
Arch Linux:	
pacman	
<code>pacman -Syu:</code>	This command is used to update all installed packages on the system.
<code>pacman -S [package-name]:</code>	This command is used to install a specific package or multiple packages.
<code>pacman -Rs [package-name]:</code>	This command is used to remove a specific package from the system.
<code>pacman -Ss [search-term]:</code>	This command is used to search for packages based on a search term.
<code>pacman -Qi [package-name]:</code>	This command is used to display detailed information about a package, including its dependencies.
<code>pacman -Q:</code>	This command is used to list all installed packages on the system.
<code>pacman -Ql [package-name]:</code>	This command is used to list all files installed by a package.
<code>pacman -U [package-file]:</code>	This command is used to install a package from a local file.
<code>pacman -Sc:</code>	This command is used to clean up the package cache, removing old and unused package versions.
yaourt	Yet Another User Repository Tool
<code>yaourt -Syua:</code>	This command is used to update all installed packages on the system, including AUR packages.
<code>yaourt -S [package-name]:</code>	This command is used to install a specific package or multiple packages from the AUR.
<code>yaourt -Rs [package-name]:</code>	This command is used to remove a specific package from the system, including its dependencies.
<code>yaourt -Ss [search-term]:</code>	This command is used to search for packages in the AUR based on a

Command	Description
	search term.
yaourt -Qi [package-name]:	This command is used to display detailed information about an AUR package, including its dependencies.
yaourt -Qm:	This command is used to list all installed packages from the AUR.
yaourt -Ql [package-name]:	This command is used to list all files installed by an AUR package.
yaourt -U [package-name]:	This command is used to update an AUR package if a new version is available.
packer	
packer -Syu:	This command is used to update all installed packages on the system, including AUR packages.
packer -Syu:	This command is used to update all installed packages on the system, including AUR packages.
packer -S [package-name]:	This command is used to install a specific package or multiple packages from the AUR.
packer -Rs [package-name]:	This command is used to remove a specific package from the system, including its dependencies.
packer -Ss [search-term]:	This command is used to search for packages in the AUR based on a search term.
packer -Qi [package-name]:	This command is used to display detailed information about an AUR package, including its dependencies.
packer -Qm:	This command is used to list all installed packages from the AUR.
packer -Ql [package-name]:	This command is used to list all files installed by an AUR package.
packer -U [package-name]:	This command is used to update an AUR package if a new version is available.
Gentoo:	
emerge	
emerge --sync	This command syncs the local portage tree with the Gentoo repository.
emerge --update --deep - -newuse @world	This command updates all installed packages on the system, including dependencies.
emerge [package-name]	This command is used to install a specific package or multiple packages.
emerge -C [package-name]	This command is used to remove a specific package from the system.
emerge -s [search-term]	This command is used to search for packages based on a search term.
emerge -pv [package-name]	This command is used to display detailed information about a package, including its dependencies.

Command	Description
<code>emerge --info [package-name]</code>	This command is used to display detailed information about a package, including its dependencies, USE flags, and installed files.
<code>emerge -puyDN world</code>	This command lists all available updates to packages on the system.
<code>emerge --depclean</code>	This command is used to remove unused dependencies from the system.
<code>emerge --ask --verbose [package-name]</code>	This command is used to install a package, prompting the user for confirmation and displaying detailed information during the installation process.
eix	
<code>eix-sync</code>	This command syncs the local eix database with the Gentoo repository.
<code>eix [search-term]</code>	This command is used to search for packages based on a search term.
<code>eix-test-obsolete</code>	This command is used to check for obsolete packages on the system.
<code>eix-update</code>	This command updates the local eix database with information about new and updated packages.
<code>eix-remote update</code>	This command updates the remote eix database with information about new and updated packages.
<code>eix-diff</code>	This command shows the differences between the local and remote eix databases.
layman	
<code>layman -S</code>	This command syncs the local overlays with the Gentoo repository.
<code>layman -a [overlay-name]</code>	This command adds a new overlay to the local overlays list.
<code>layman -d [overlay-name]:</code>	This command removes an overlay from the local overlays list.
<code>layman -L:</code>	This command lists all available overlays.
<code>layman -f:</code>	This command forces a sync of the local overlays with the Gentoo repository.
<code>layman -u [overlay-name]:</code>	This command updates an overlay to the latest version.
<code>layman -s [overlay-name]:</code>	This command shows information about a specific overlay.