

Package Management

Differences between package managers across various GNU/Linux distributions.

| Desc. | Debian/Ubuntu | ArchLinux | Gentoo | RedHat | Mandriva |
|---|---|---|---|--|--|
| manpages |  dpkg  apt-get  aptitude |  pacman |  emerge |  yum |  urpmi |
| update package database | apt-get update | pacman -Sy | emerge sync | | urpmi.update -a |
| search in package database | aptitude search keyword | pacman -Ss keyword | emerge -S keyword | | urpmq [package_name] |
| search in installed packages: | aptitude search ~ikeyword | pacman -Qs keyword | | yum list [keyword] | |
| upgrade already installed packages | apt-get upgrade | pacman -Su | emerge -uD world | yum update | urpmi --update -auto-select |
| hold/unhold package, show packages status | echo "package hold" dpkg --set-selections; echo "package install" dpkg --set-selections; dpkg --get-selections grep "package" | | | | |
| full update/upgrade combo | apt-get update; apt-get dist-upgrade | pacman -Syu | | | urpmi --auto-select |
| install local package(s) | dpkg -i package.deb | pacman -U package.pkg.tar.gz | | | |
| download and install package(s) | apt-get install package1 [package2,...] | pacman -S package1 [package2,...] | emerge -u package | yum install package | urpmi package |
| remove package(s) | apt-get remove package1 [package2,...] | pacman -R package1 [package2,...] | emerge -C package | yum remove [package] | urpme [package_name] |
| remove and purge package(s) | apt-get purge package1 [package2,...] | pacman -Rsn package1 [package2,...] | | | |
| purge previously removed packages (delete user data, configuration, cache) | aptitude purge ~c | | | | |
| remove orphan packages | apt-get autoremove \$(deborphan --guess-all) | pacman -Rsn \$(pacman -Qtdq) | | | urpmi_rpm --find-leaves |
| list files in package | dpkg --listfiles package dpkg -L package | pacman -Qi package | | | |
| list installed packages | dpkg -l apt list --installed | pacman -Qs | | | |

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| manpages | dpkg apt-get aptitude | pacman | emerge | yum | urpmi |
| lookup file owner | <code>dpkg -S [file]</code> | <code>pacman -Qo [file]</code> | | <code>yum whatprovides [file]</code> | <code>urpmmf [file]</code> |
| get source package | <code>apt-get source package</code> | <code>sudo abs; cp -r /var/abs/*/package .</code> | | | |
| build package from source package | <code>dpkg-buildpackage -rfakeroot -sa</code> | <code>makepkg</code> | | <code>rpmbuild -rebuild balik.src.rpm</code> | |
| find and add a key to package manager | <code>gpg --keyserver subkeys.pgp.net --recv-keys 55BE302B && gpg -a --export 55BE302B apt-key add -</code> | | | | |
| remove i386 packages from x64 system | <code>apt-get purge `dpkg -get-selections grep ":i386" awk '{print \$1}'` && dpkg --remove-architecture i386</code> | | | | |



Tuhle stránku prosím nepřekládat do češtiny!

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