








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 \$(debtorphan --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 |
| list installed packages (no depends) | apt-mark showmanual | | | | |
| lookup file owner | dpkg -S [file] | pacman -Qo [file] | | yum whatprovides [file] | urpmmf [file] |
| get source package | apt-get source package | sudo abs; cp -r /var/abs/*/package . | | | |
| build package from source package | dpkg-buildpackage -rfakeroot -sa | makepkg | | rpmbuild -rebuild balik.src.rpm | |
| find and add a key to package manager | gpg --keyserver subkeys.pgp.net --recv-keys 55BE302B && gpg -a --export 55BE302B apt-key add - | | | | |
| remove i386 packages from x64 system | apt-get purge `dpkg -get-selections grep ":i386" awk '{print \$1}'` && dpkg --remove-architecture i386 | | | | |



Tuhle stránku prosím nepřekládat do češtiny!

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