

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>urpmf [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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