

# Debian Package Management

Command	Description	Command	Description
<b>apt-cache</b>		apt-get purge PKG	remove listed packages and config files
apt-cache depends PKG	list package's dependencies	apt-get remove PKG	remove listed packages (keep config files)
apt-cache PKG	list available packages	apt-get update	refresh repo index
apt-cache pkgname KEYWORD	list all package names starting with KEYWORD	apt-get update && apt-get dist-upgrade	update and upgrade
apt-cache search KEYWORD	list packages and a brief description	apt-get upgrade	upgrade all packages
apt-cache show PKG	get info on package	<b>dpkg</b>	
apt-cache showpkg PKG	list dependencies	dpkg --get-selections	list all installed packages
apt-cache stats	cache statistics	dpkg --get-selections > FILEPATH.txt	save the list of installed packages
<b>apt-cdrom</b>		dpkg -i FILE.deb	install or upgrade the package
apt-cdrom add	add an optical disc as a repo	dpkg -l	list installed packages
apt-cdrom -d=/MNT_PT add	add an ISO file as a repo	dpkg -l   grep -i KEYWORD	list installed package's matching the keyword
<b>apt-file</b>		dpkg -L PKG	list files that a package will install
apt-file search FILE	find packages containing the specified file	dpkg -P PKG	remove package and conf files
apt-file show PKG	list files installed by the package	dpkg -p PKG	display package info such as dependencies, version, etc.
<b>apt-get</b>		dpkg -R DIR	install packages recursively in directory
apt-get --compile source PKG	download source code and compile it	dpkg -r PKG	remove package, but keep conf files
apt-get --download-only source PKG	obtain the source code of the listed packages	dpkg -S FILEPATH	list the package that owns/installed the file
apt-get autoclean	clear local temp repo (containing downloaded DEB files)	dpkg -s PKG	get the installation status
apt-get autoremove	remove no longer needed packages previously needed as dependencies	<b>Special Files</b>	
apt-get build-dep PKG	install the build dependencies for the listed packages	/etc/apt/sources.list	repo/package addresses
apt-get changelog PKG	view changelog	/var/cache/apt/archives	cache of downloaded packages
apt-get check	find broken dependencies	<b>Miscellaneous</b>	
apt-get clean	remove the DEB files of no-longer installed packages	dpkg-reconfigure PKG	reconfigure the package
apt-get dist-upgrade	same as "upgrade", but satisfy dependencies	dpkg-split -j FILES	join DEB files
apt-get download PKG	download DEB file, but do not install	dpkg-split -s FILE	split DEB file
apt-get install PKG	install packages (each separated by a space)	dpkg-vendor --is VENDOR	exit with 0 if VENDOR is the current vendor (/etc/dpkg/origins/)
apt-get install PKG --only-upgrade	upgrade the listed packages	du -h /var/cache/apt/archives/	display DEB cache size