

dpkg Debian Linux cheat sheet

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dpkg command cheat sheet for Debian Linux

dpkg is package manager for Debian Linux which is use to install/manage individual packages. Here is quick cheat sheet you will find handy while using dpkg at shell prompt:

Syntax	Description	Example
<code>dpkg -i {.deb package}</code>	Install the package	<code>dpkg -i zip_2.31-3_i386.deb</code>
<code>dpkg -i {.deb package}</code>	Upgrade package if it is installed else install a fresh copy of package	<code>dpkg -i zip_2.31-3_i386.deb</code>
<code>dpkg -R {Directory-name}</code>	Install all packages recursively from directory	<code>dpkg -R /tmp/downloads</code>
<code>dpkg -r {package}</code>	Remove/Delete an installed package except configuration files	<code>dpkg -r zip</code>
<code>dpkg -P {package}</code>	Remove/Delete everything including configuration files	<code>dpkg -P apache-perl</code>
<code>dpkg -l</code>	List all installed packages, along with package version and short description	<code>dpkg -l</code> <code>dpkg -l less</code> <code>dpkg -l '*apache*'</code> <code>dpkg -l grep -i 'sudo'</code>
<code>dpkg -l {package}</code>	List individual installed packages, along with package version and short description	<code>dpkg -l apache-perl</code>
<code>dpkg -L {package}</code>	Find out files are provided by the installed package i.e. list where files were installed	<code>dpkg -L apache-perl</code> <code>dpkg -L perl</code>
<code>dpkg -c {.Deb package}</code>	List files provided (or owned) by the package i.e. List all files inside debian .deb package file, very useful to find where files would be installed	<code>dpkg -c dc_1.06-19_i386.deb</code>
<code>dpkg -S {/path/to/file}</code>	Find what package owns the file i.e. find out what package does file belong	<code>dpkg -S /bin/netstat</code> <code>dpkg -S /sbin/ippool</code>
<code>dpkg -p {package}</code>	Display details about package package group, version, maintainer, Architecture, display depends packages, description etc	<code>dpkg -p lsof</code>
<code>dpkg -s {package} grep Status</code>	Find out if Debian package is installed or not (status)	<code>dpkg -s lsof grep Status</code>

{package} - Replace with actual package name

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