

# Cheat Sheet for apt-get commands

## Update and Upgrade

<code>sudo apt-get update</code>	Updates the package database
<code>sudo apt-get upgrade &lt;package&gt;</code>	Upgrades an already installed package
<code>sudo apt-get update &amp;&amp; sudo apt-get upgrade -y</code>	Update your entire system packages

## Search for packages

<code>apt-cache search &lt;search term&gt;</code>	Searches for packages similar to the search term
<code>apt-cache pkgnames &lt;search_term&gt;</code>	Searches for a specific package
<code>apt-cache showpkg &lt;package&gt;</code>	Shows version, dependencies etc for the package

## Install Packages

<code>sudo apt-get install &lt;package_1&gt; &lt;package_2&gt; &lt;package_3&gt;</code>	Install one or several programs simultaneously
<code>sudo apt-get install &lt;package&gt; --no-upgrade</code>	Only install an not already program
<code>sudo apt-get install &lt;package&gt; --only-upgrade</code>	Only upgrade an already installed program
<code>sudo apt-get install &lt;package&gt;=&lt;version_number&gt;</code>	Install a specific version of a program

## Remove installed packages

<code>sudo apt-get remove &lt;package&gt;</code>	Remove a program
<code>sudo apt-get purge &lt;package&gt;</code>	Remove a program and its configuration files

## Clean the system

<code>sudo apt-get clean</code>	Cleans the local repository cache of retrieved packages
<code>sudo apt-get autoclean</code>	Cleans retrieved packages that have newer version now
<code>sudo apt-get autoremove</code>	Cleans dependencies of an already removed program