

Apt-get commands

To look over the list of available updates:

```
hepzi@ubuntu:~$ sudo apt-get update
[sudo] password for hepzi:
```

To upgrade all installed packages:

```
hepzi@ubuntu:~$ sudo apt-get upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
```

To install package using apt-get:

```
hepzi@ubuntu:~$ sudo apt-get install vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  vim-runtime
```

To remove specific package:

```
hepzi@ubuntu:~$ sudo apt-get remove vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  vim-runtime
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  vim
0 upgraded, 0 newly installed, 1 to remove and 5 not upgraded.
After this operation, 4,011 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 234415 files and directories currently installed.)
Removing vim (2:8.2.3995-1ubuntu2.3) ...
update-alternatives: using /usr/bin/vim.tiny to provide /usr/bin/vi (vi) in auto
mode
update-alternatives: using /usr/bin/vim.tiny to provide /usr/bin/view (view) in
auto mode
update-alternatives: using /usr/bin/vim.tiny to provide /usr/bin/ex (ex) in auto
mode
update-alternatives: using /usr/bin/vim.tiny to provide /usr/bin/rview (rview) in
auto mode
```

To remove a package with its configuration files:

```
hepzi@ubuntu:~$ sudo apt-get purge vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  vim-runtime
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  vim*
```

```
0 upgraded, 0 newly installed, 1 to remove and 5 not upgraded.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
(Reading database ... 234406 files and directories currently installed.)
Purging configuration files for vim (2:8.2.3995-1ubuntu2.3) ...
```

```
To remove a package with its configuration files:
hepzi@ubuntu:~$ sudo apt-get remove --purge vim
[sudo] password for hepzi:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'vim' is not installed, so not removed
The following package was automatically installed and is no longer required:
  vim-runtime
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 5 not upgraded.
```

```
To remove packages that automatically installed:
hepzi@ubuntu:~$ sudo apt autoremove
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages will be REMOVED:
  vim-runtime
0 upgraded, 0 newly installed, 1 to remove and 5 not upgraded.
After this operation, 33.6 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 234406 files and directories currently installed.)
Removing vim-runtime (2:8.2.3995-1ubuntu2.3) ...
Removing 'diversion of /usr/share/vim/vim82/doc/help.txt to /usr/share/vim/vim82/doc/help.txt.vim-tiny by vim-runtime'
Removing 'diversion of /usr/share/vim/vim82/doc/tags to /usr/share/vim/vim82/doc/tags.vim-tiny by vim-runtime'
Processing triggers for man-db (2.10.2-1) ...
```

```
To clean the cache once installed packages(removes the files that are no longer required):
hepzi@ubuntu:~$ sudo apt-get clean
[sudo] password for hepzi:
```