

# Debian Package Manager HOWTO

## Upgrading Packages

To upgrade packages, first update the database:

```
sudo apt-get update
```

Then, upgrade the packages as follows:

```
sudo apt-get upgrade
```

Some packages may not get automatically upgraded this way (Linux kernel or chrome-remote-desktop for instance). If this occurs, upgrade them as follows:

```
sudo apt-get --with-new-pkgs upgrade
```

## Resetting Google Keys

When doing apt-get update and having google packages installed (google earth, chrome, chrome-remote-desktop, etc), you may sometimes get some error of the sort:

```
W: GPG error: http://dl.google.com stable Release: The following signatures were invalid: KEYEXPIRED D38B4796 KEYEXPIRED 7FAC5991
```

This can be fixed by deleting the keys and reinstalling them:

```
sudo apt-key del D38B4796
sudo apt-key del 7FAC5991
wget -q -O - https://dl.google.com/linux/linux_signing_key.pub | sudo
apt-key add -
```