Add Debian Multimedia Repositories

deb-multimedia repositories collect non-integrated packages into Debian conventional deposits and/or newer versions of packages.

The addition of these deposits in the list of repositories available on HandyLinux offers you access to new or newer and multimedia codecs ; and some audio/video encoding softwares which are not present in the official repositories.

For example, we will install handbrake, a simplified video encoding software. List of the available programs: http://deb-multimedia.org/dists/stable/main/Contents-i386.gz

> Deb-multimedia deposits are not maintained by Debian. they can introduce instability in your system
>
> That said, I use these deposits for years without any worries (@ arpinux)

As usual, two methods: graphic with Synaptic package manager (25 clicks and 8 steps), or with Terminal (4 or 5 command lines) …

Terminal: faster than fast

Do not be afraid of the black box, the terminal is your friend. :) So direction HandyMenu > Adventurers > Open a terminal and type the following commands one by one, confirming the [Enter] key to end each command.

- start by passing in administrator mode. your password is requested, it does not appear when typing, it is normal:

```
sudo su
```

- add the list of multimedia repositories:

```
echo "deb http://www.deb-multimedia.org wheezy main non-free" >
/etc/apt/sources.list.d/multimedia.list
```

- reload the list of available packages and then add the deb-multimedia repositories signature key. a confirmation will be requested, consider type "Y" (yes) to confirm the installation:

```
apt-get update && apt-get install deb-multimedia-keyring
```

- full update packages and Handbrake install (optional):

```
apt-get update && apt-get upgrade
apt-get install handbrake-gtk
```

Faster than fast isn't it ? :) handybrake is now available in the Applications list, Multimedia section :)

Synaptic : graphical installation

To add the deb-multimedia repositories graphically, it passes through the main Debian package management on HandyLinux: Synaptic. It is available in the (HandyMenu > Adventurers > List of Applications > System > Synaptic Package Manager) "System" tab of the List of Applications. A window will appear asking for a password, enter your connection password to go further.

1. At the opening, click on the "Settings" menu and choose "Repositories"
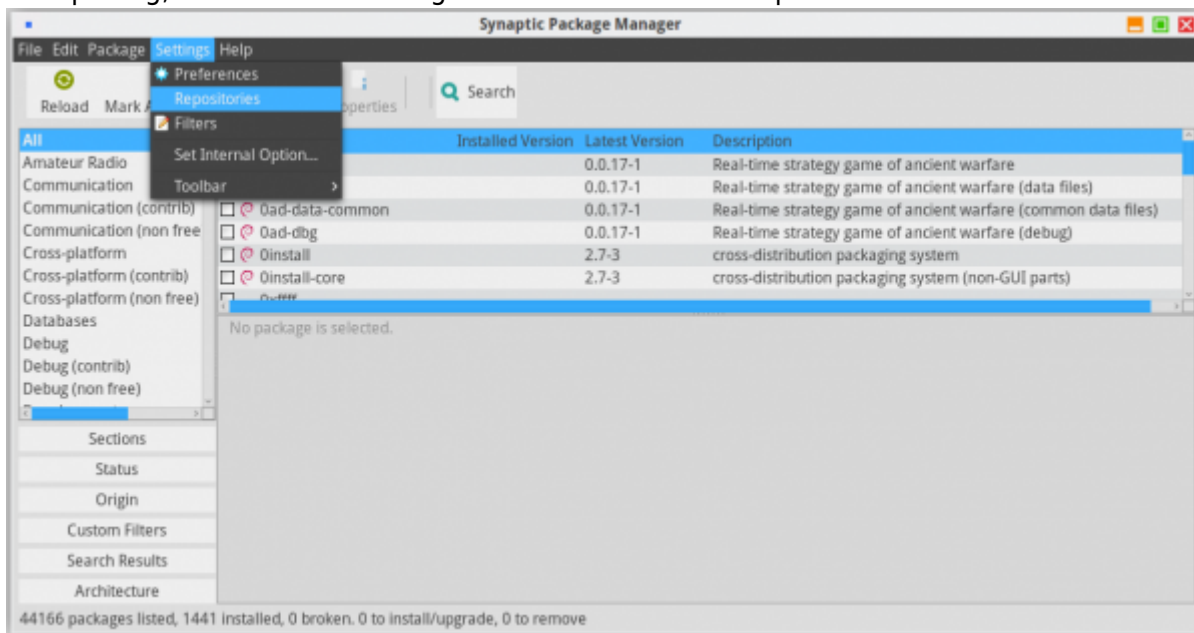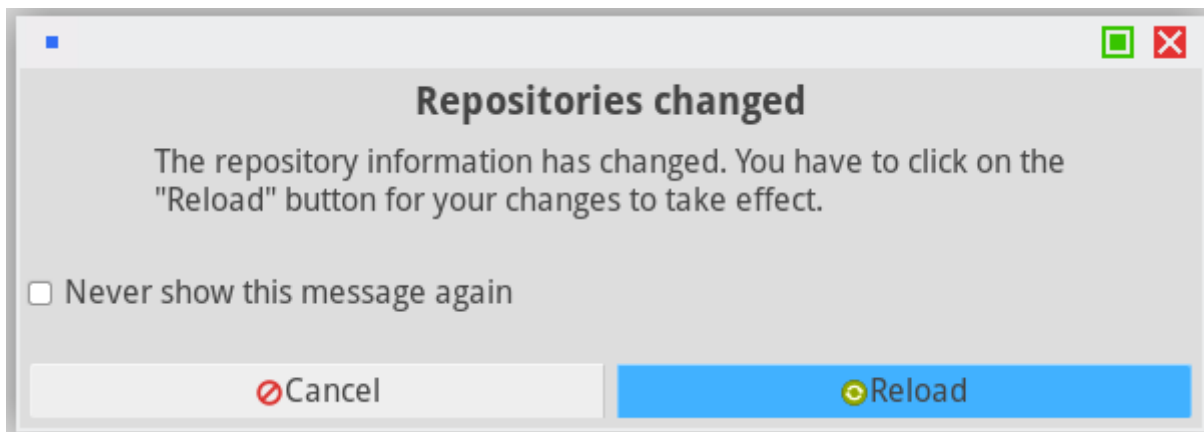

2. In the window that appears and brings the list of repositories used by HandyLinux, choose "New" to add the deb-multimedia repository
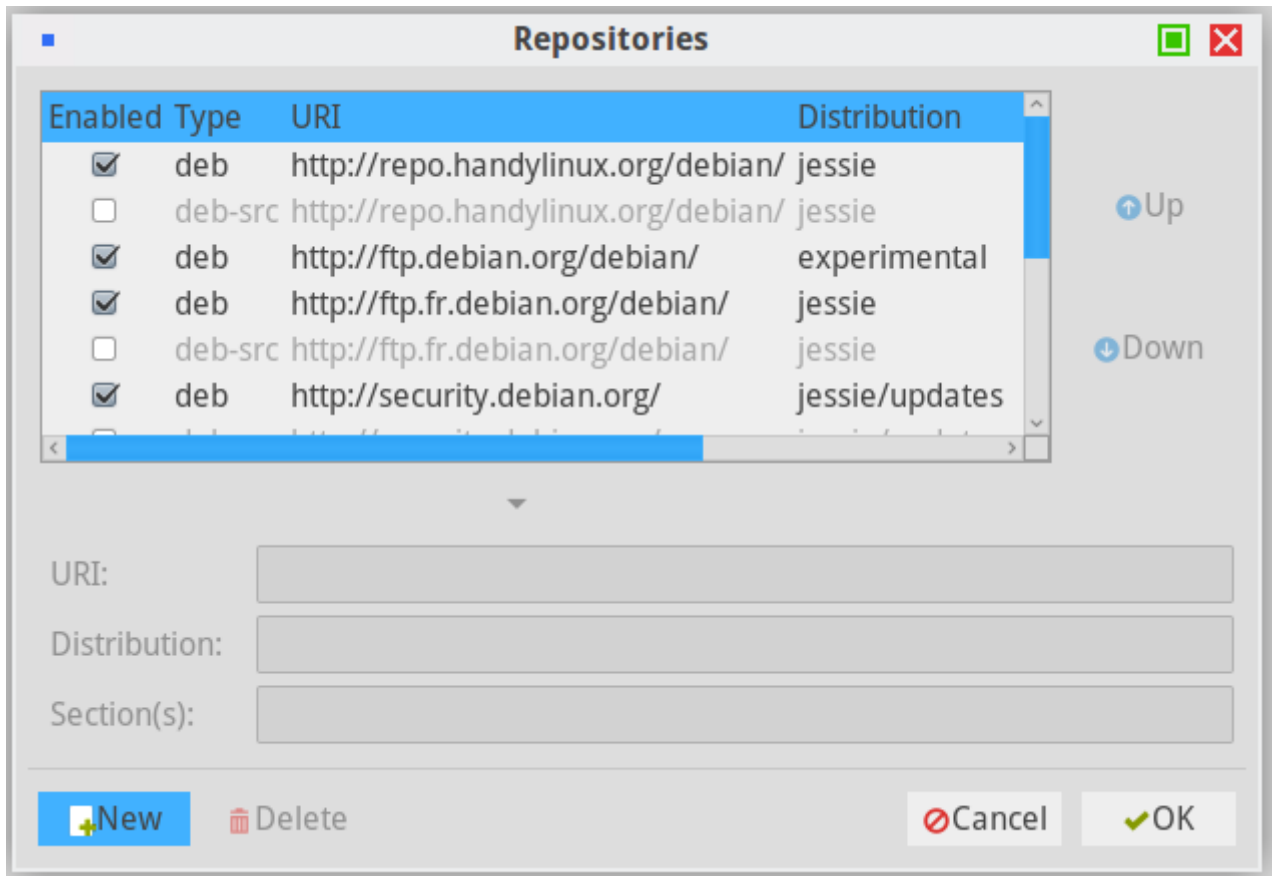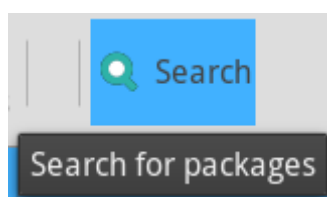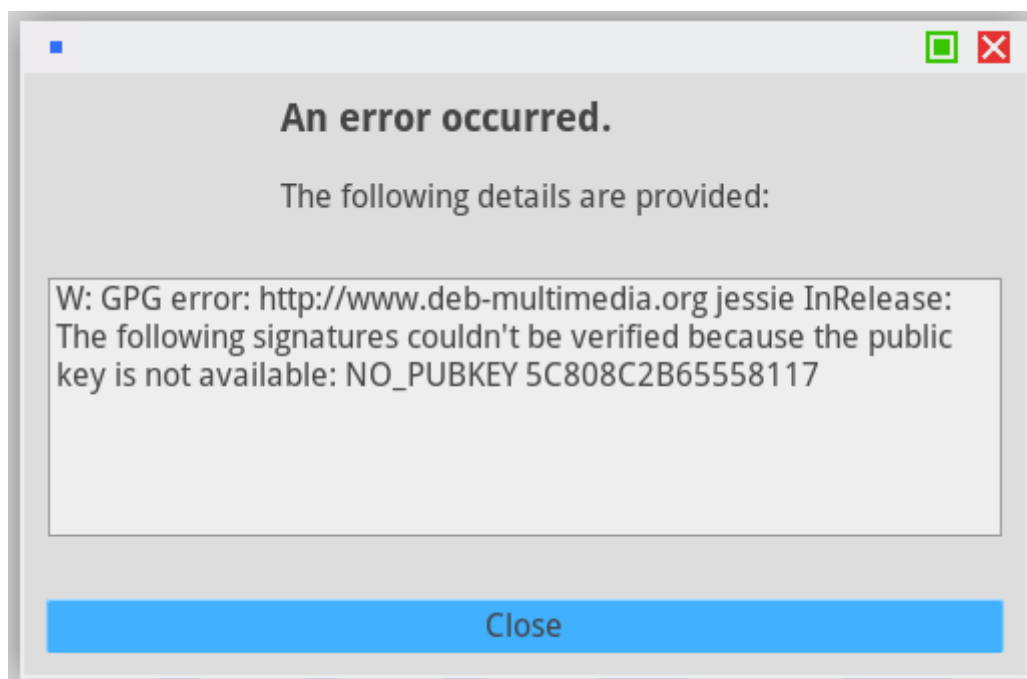
3. Complete the identification form of the new deposit as follows and confirm
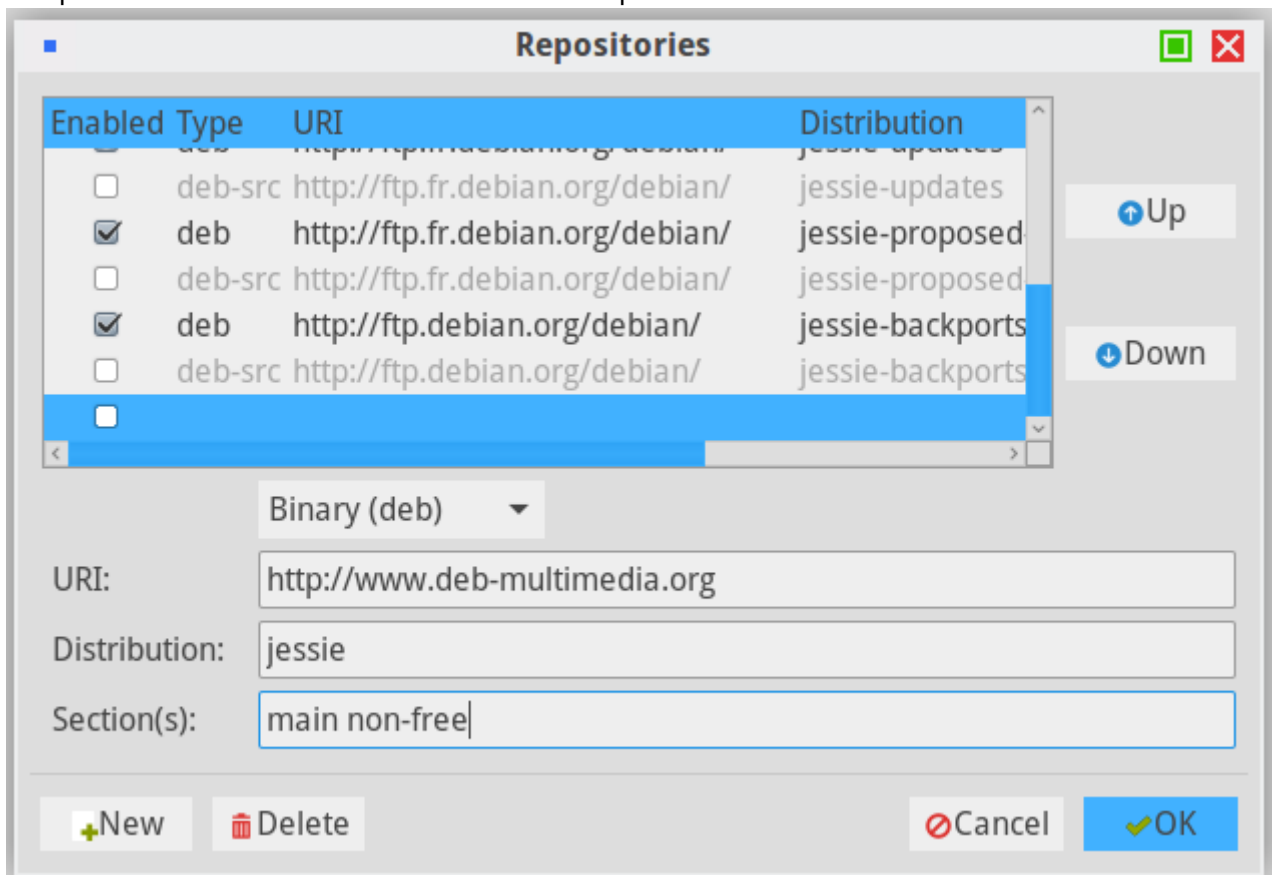

4. An information window opens prompting to reload the list of repositories and packages available, what you do with "Reload" button:

Repositories changed

The repository information has changed. You have to click on the "Reload" button for your changes to take effect.

☐ Never show this message again

⊘Cancel   ⚙Reload

5. An information window will appear warning you that an error occurred : this is normal, you have not added the deposit's verification key. This key is contained in a Debian package, **deb-multimedia-keyring**. To install it, use the Synaptic's "Search" function by clicking the search icon

An error occurred.

The following details are provided:

W: GPG error: http://www.deb-multimedia.org jessie InRelease: The following signatures couldn't be verified because the public key is not available: NO_PUBKEY 5C808C2B65558117

Close

🔍 Search

Search for packages

6. In the new window, just type "deb-multimedia" to find the package. Once done, right-click the package and select "Mark for Installation"

Find
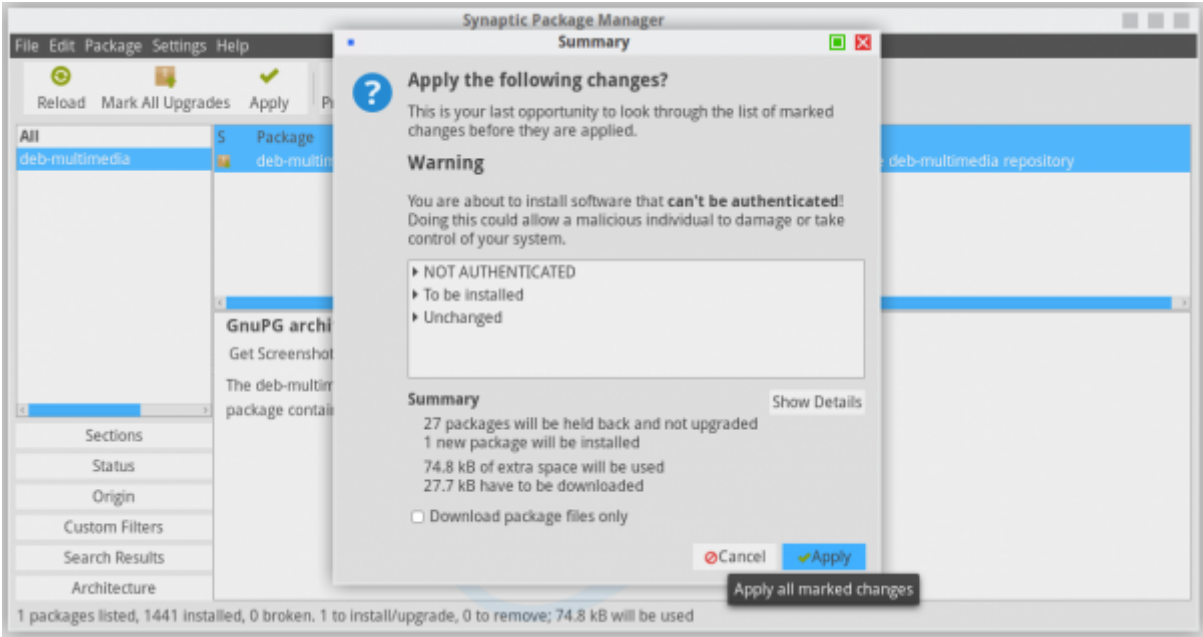
Search: deb-multimedia

Look in: Description and Name ▾

⊘Cancel   🔍 Search
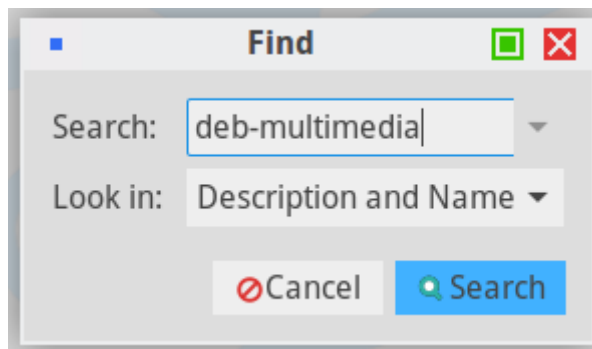
| All	S	Package	Installed Version	Latest Version	Description
deb-multimedia		deb-multimedia-keyring			GPG archive key of the deb-multimedia repository

☐ Unmark
🔲 Mark for Installation
🔲 Mark for Reinstallation
🔲 Mark for Upgrade

7. An information window opens to inform you that the package you installed is not authenticated (not yet …). Click "Add to selection" then click "Apply" in the tool bar of Synaptic. A summary of Action will be presented, simply Apply
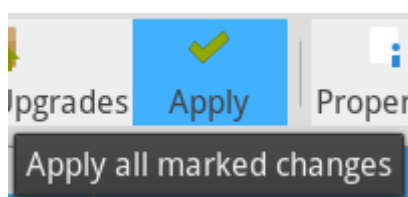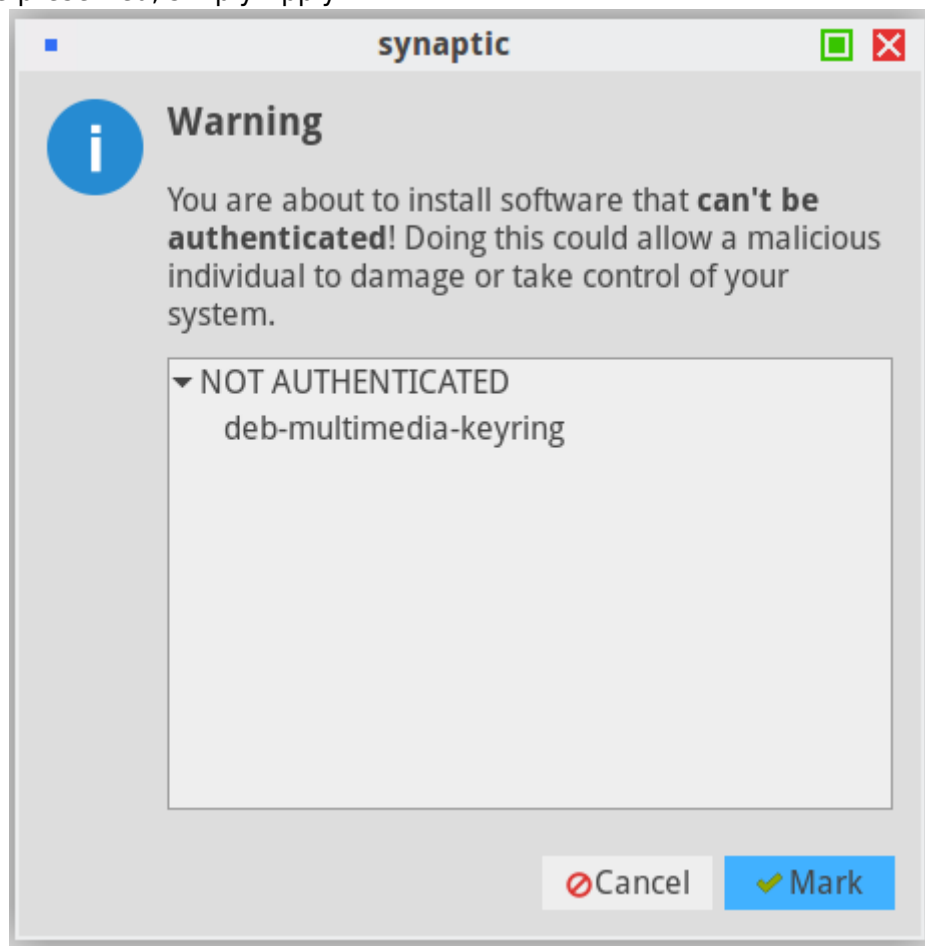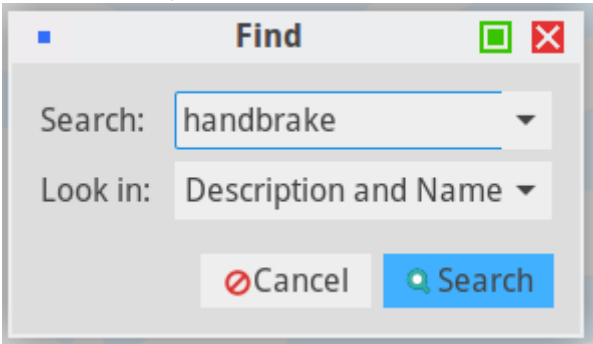
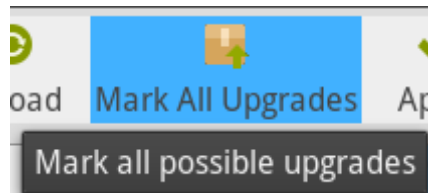An information window is displayed when the process is finished
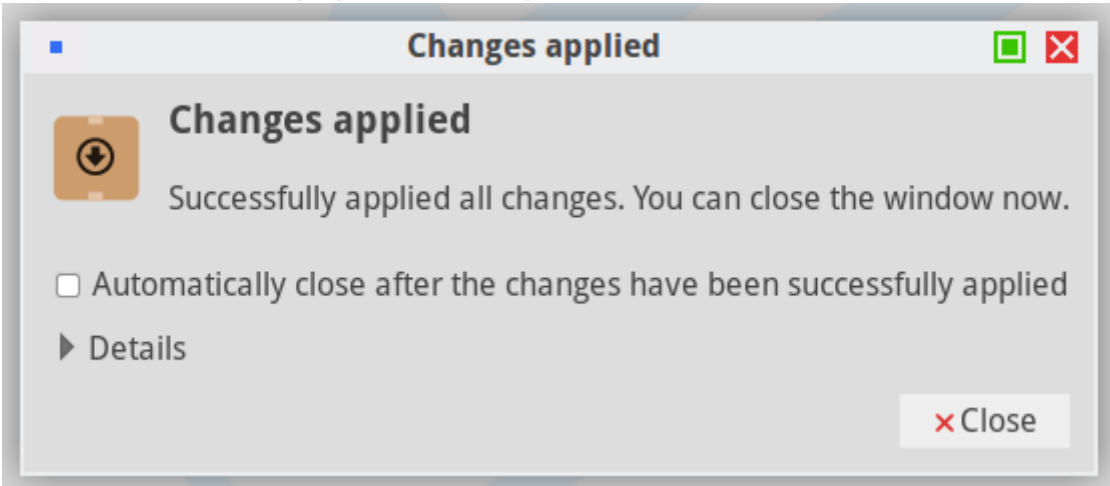
8. To install Handbrake, we used the same search function, and the opportunity to bring the whole system up to date. The steps are explicit, a confirmation will be asked and a summary displayed ... all well explained
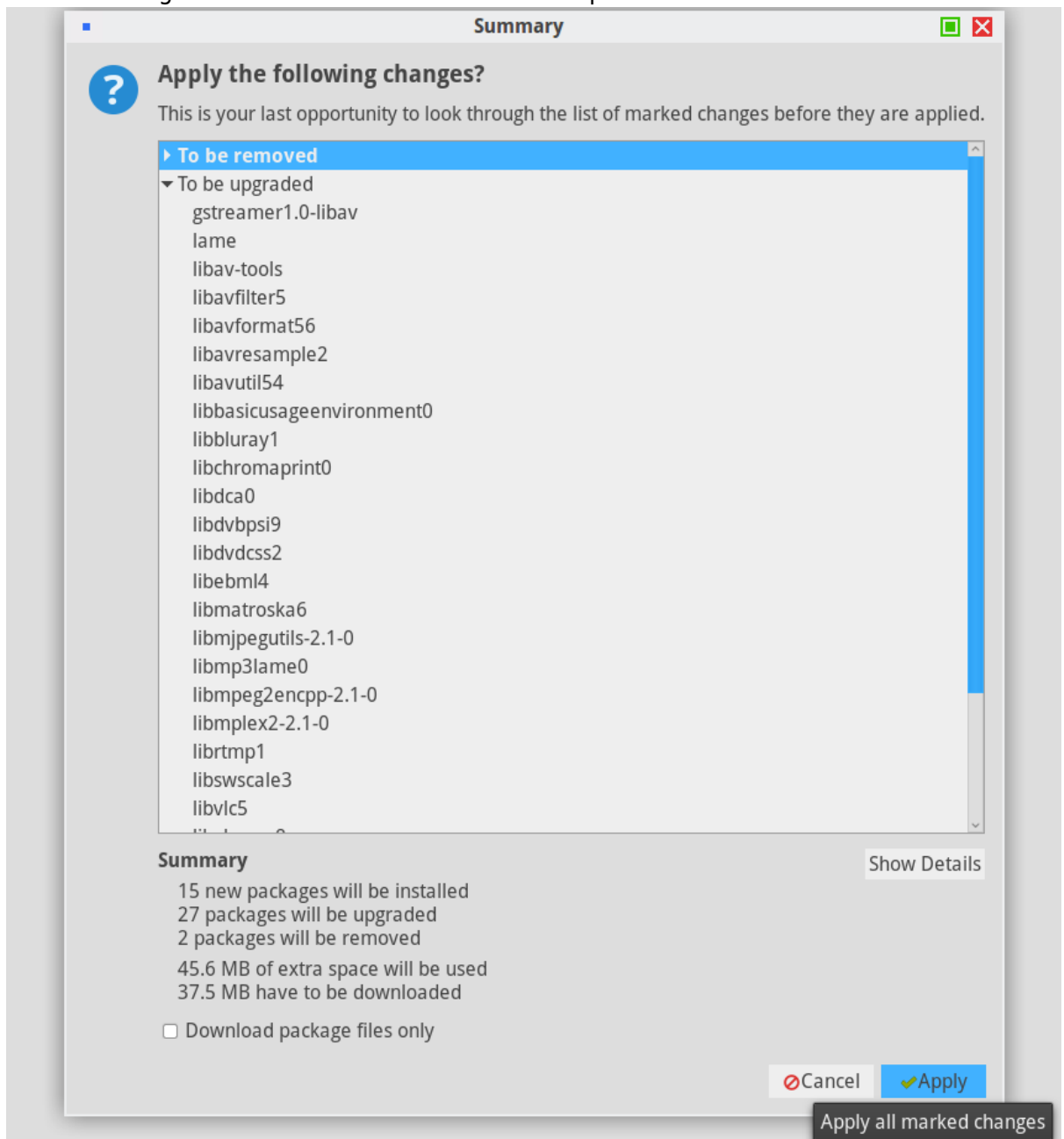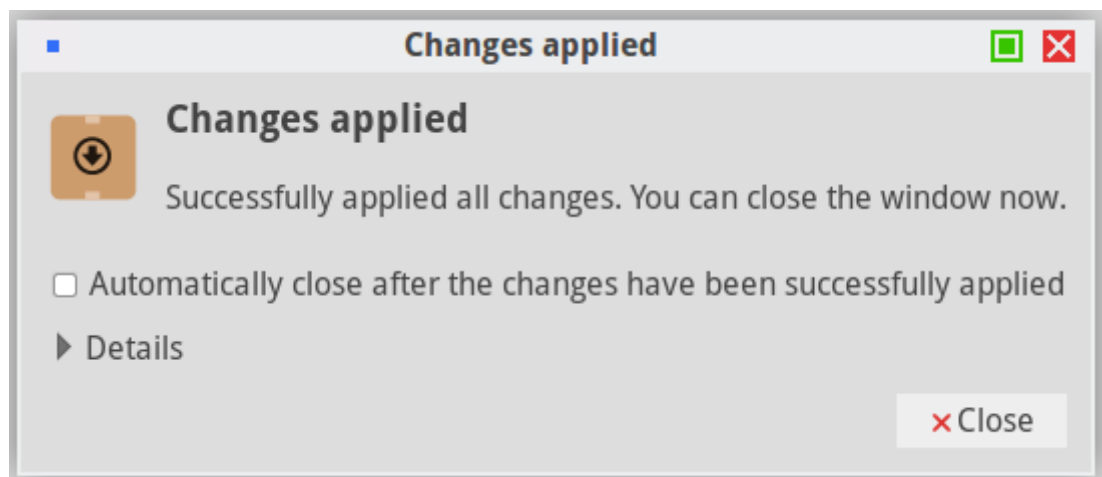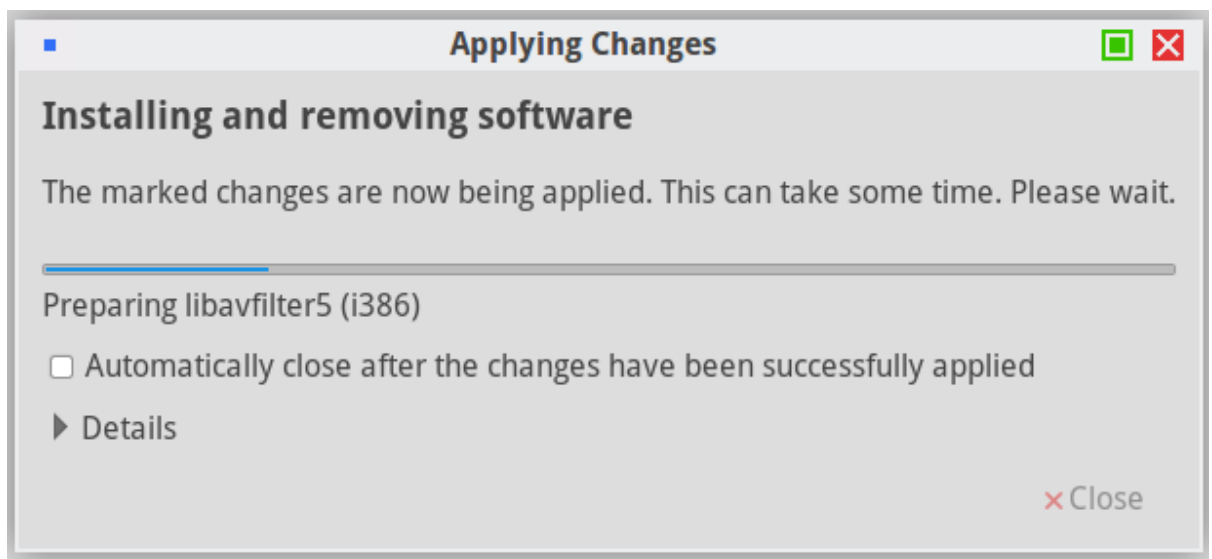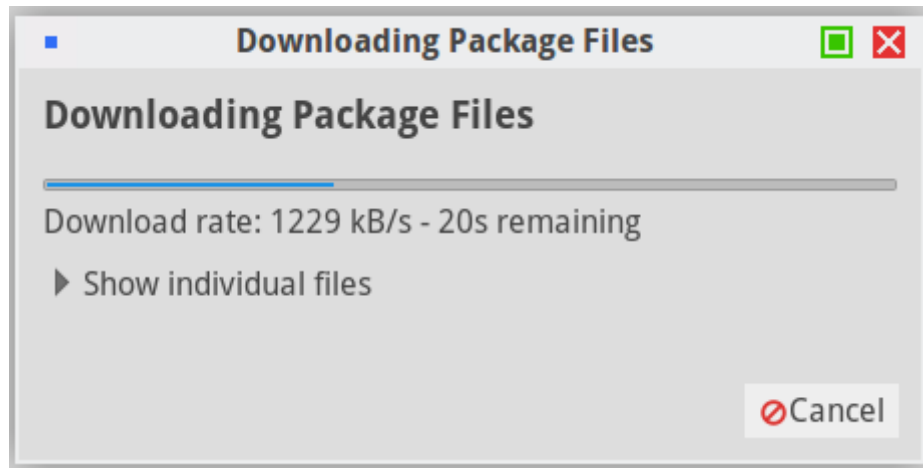   1. search and selection of handbrake-gtk to install

    2. complete upgrade of the system

3. confirm changes and launch the installation and update

Downloading Package Files

Downloading Package Files

Download rate: 1229 kB/s - 20s remaining

▶ Show individual files

⊘ Cancel

Applying Changes

Installing and removing software

The marked changes are now being applied. This can take some time. Please wait.

Preparing libavfilter5 (i386)

☐ Automatically close after the changes have been successfully applied

▶ Details

✕ Close

Changes applied

Changes applied

Successfully applied all changes. You can close the window now.

☐ Automatically close after the changes have been successfully applied

▶ Details

✕ Close

4. Handbrake is now available from the list of applications

et voilà :)