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Step-by-step instructions on installing programs for Linux

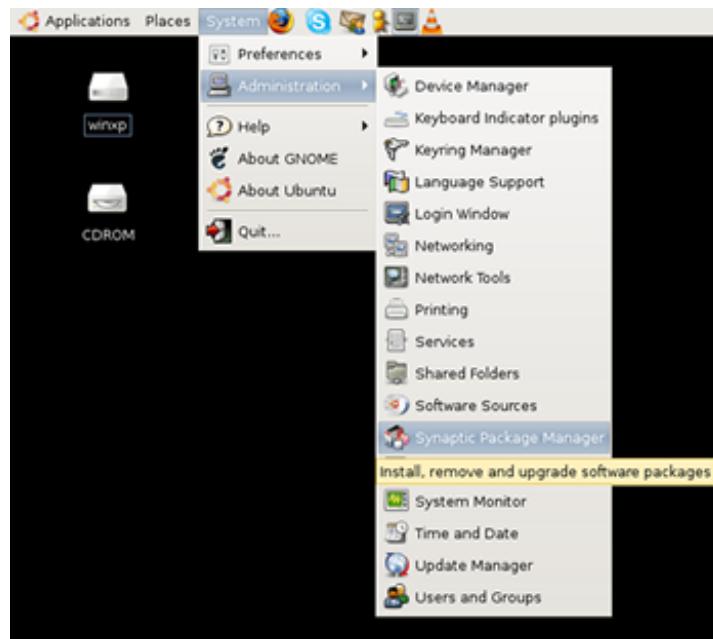
Linux as you are probably aware, is a Free and Open Source Operating System. Over several years, thousands of people from different parts of the world have contributed voluntarily and for no fee by writing code, testing, using and distributing linux and linux software packages.

Because of this distributed and contributed nature of development, it is very common to run into problems while installing packages on linux because more often than not, you will find that packages have unmet dependencies or other packages that are required to be pre-installed for the software you wish to install, to run. To take care of this problem, we have made this CD into a CD based repository or collection which will allow you to install the software that are profiled in the OpenPublishing NGO-in-a-Box Edition without any trouble. This is a step by step guide to installing software from the CD on your computer.

Please do note that this CD is an **Ubuntu Linux** based repository.

The Ubuntu Linux Operating System comes packaged with an administrative tool to allow you to manage the software already installed on your computer and to install new ones. This tool is called the **Synaptic Package Manager**.

Launch Synaptic from the Main Menu to start managing your software packages.



You will be prompted to supply the administrator password before you can carry out any further tasks on Synaptic.

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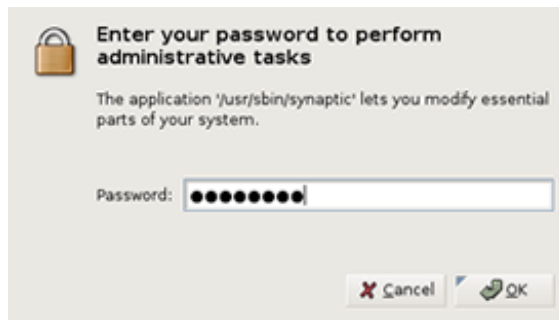


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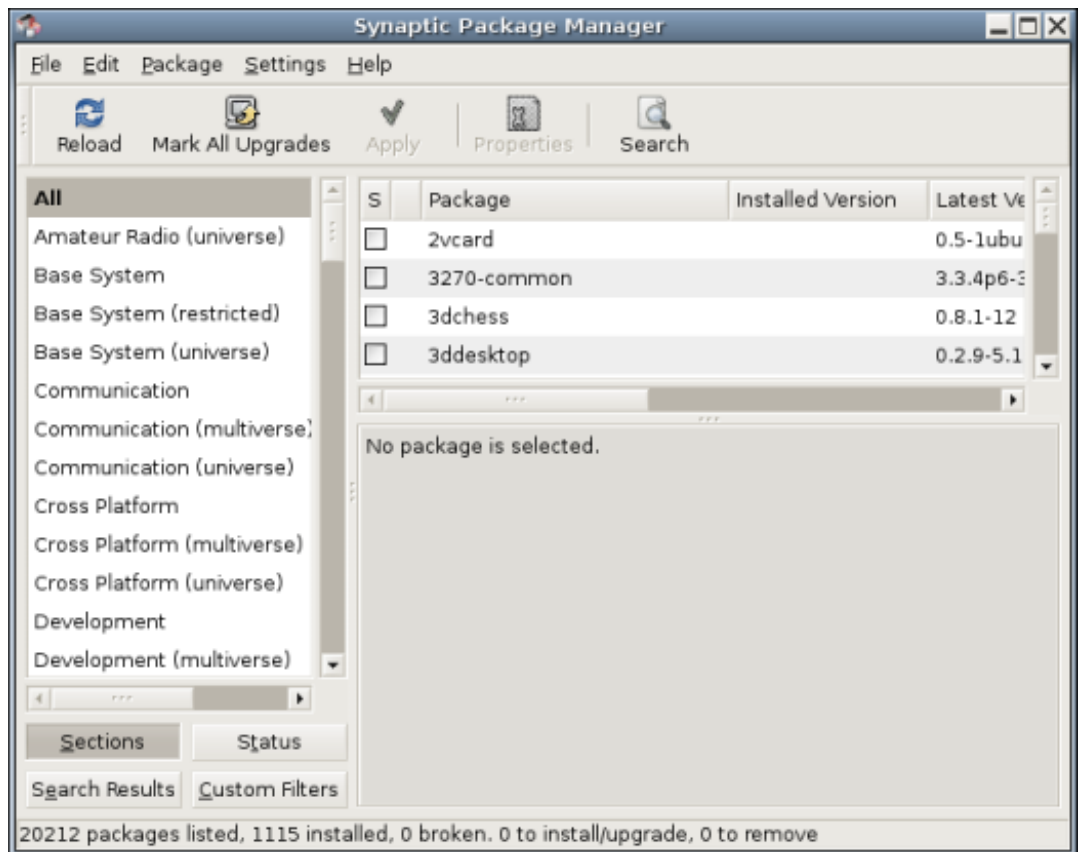
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Once you Log in, the Synaptic Package Manager window will open. Note the list of tools in the top right panel.



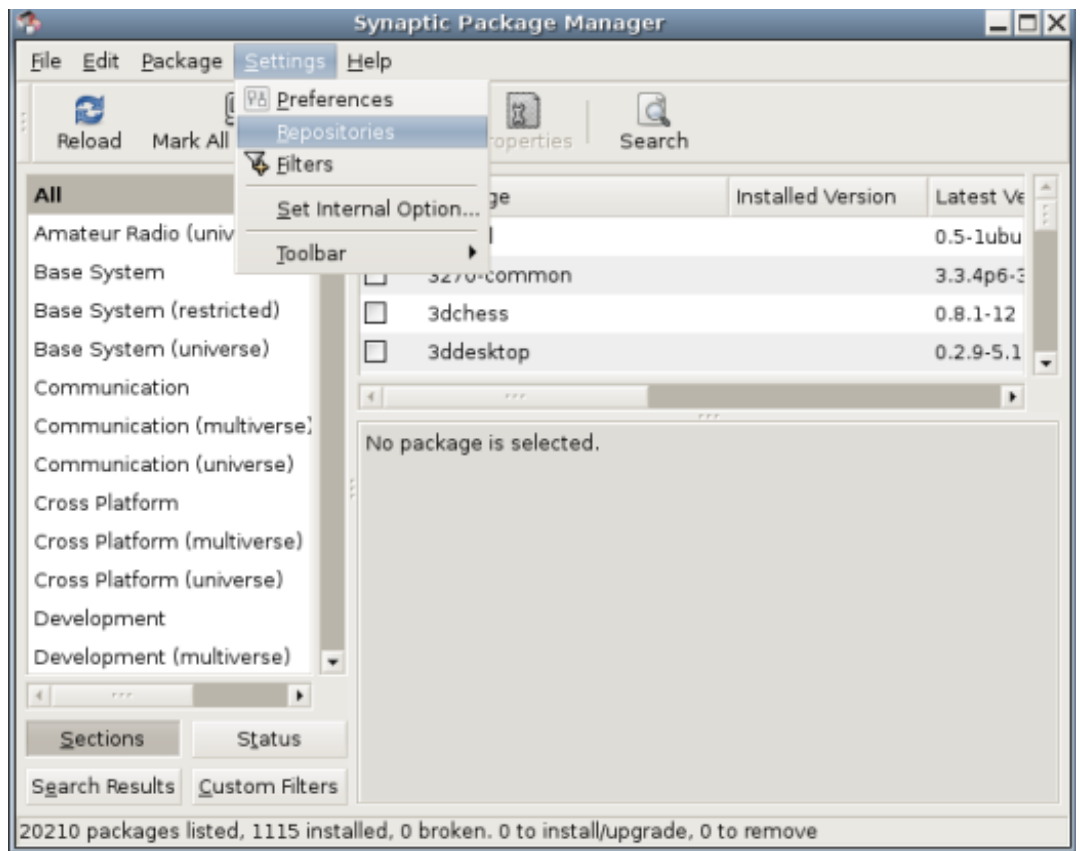
To start installing software from the CD, follow the steps below:

- Step 1. **Authenticate the CD**
- Step 2. **Add the CD to the repository**
- Step 3. **Install Packages**

Step1 - Authenticate this CD

All sources or repositories have to be authenticated to ensure their credibility.

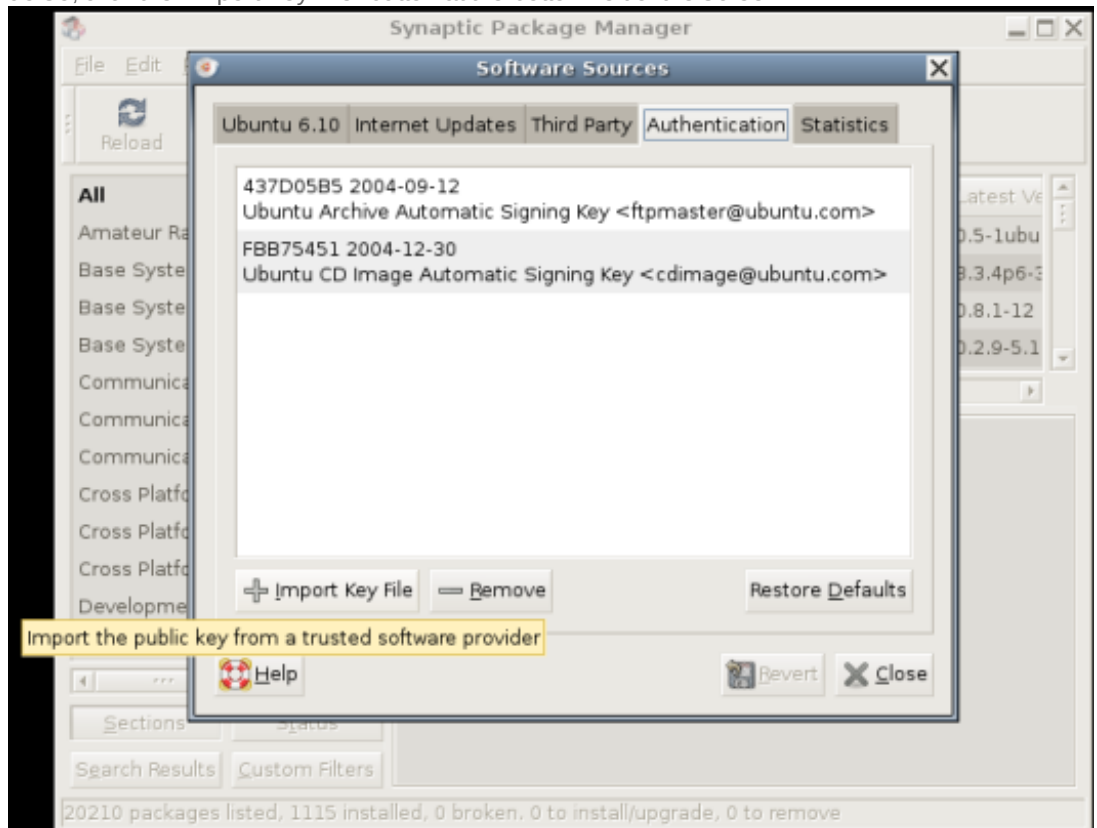
Ensure that the CD is in the CD tray or drive.. Go to the Settings menu option and choose Repositories from the options available below



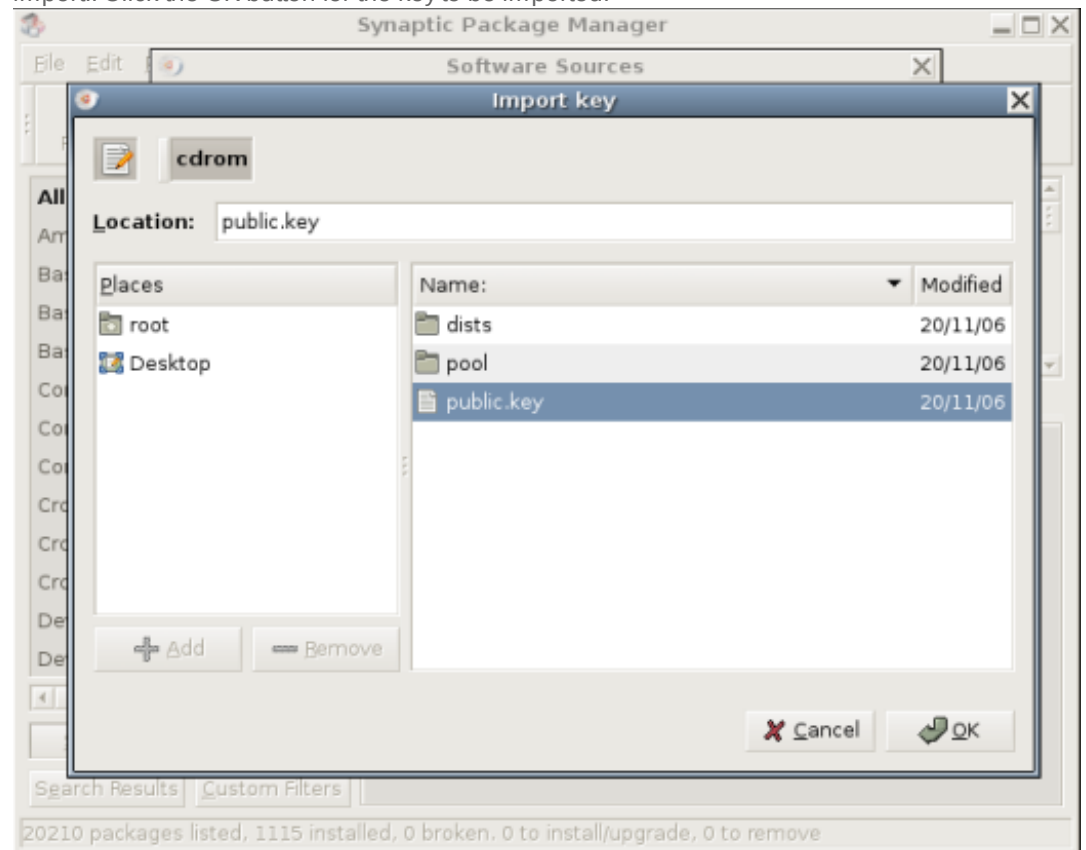
This will bring up the Software Sources Window which will list the default ubuntu linux sources under the Ubuntu 6.10 tab.

Click the Authentication tab to see a list of Authentication 'keys' that have been stored on your computer.

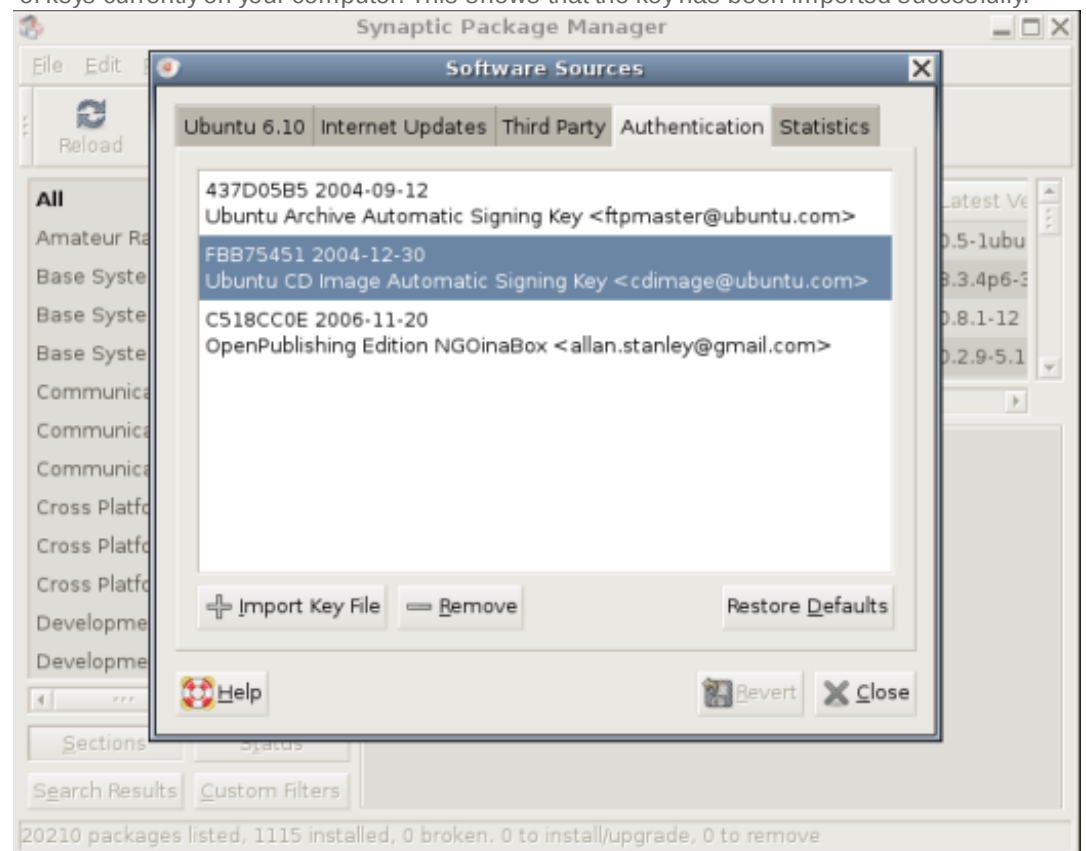
You will no need to import the authentication key from the CDROM so it will be added to this list. To do so, click the "Import Key File" button at the bottom left of the screen.



A file browser window will pop up to allow you to choose the authentication key file. Navigate to the CDROM and choose the file "public.key". This is the key that you are required to import. Click the OK button for the key to be imported.



You will be taken back to the list of Authentication Keys and will find the newly imported key in the list of keys currently on your computer. This shows that the key has been imported successfully.



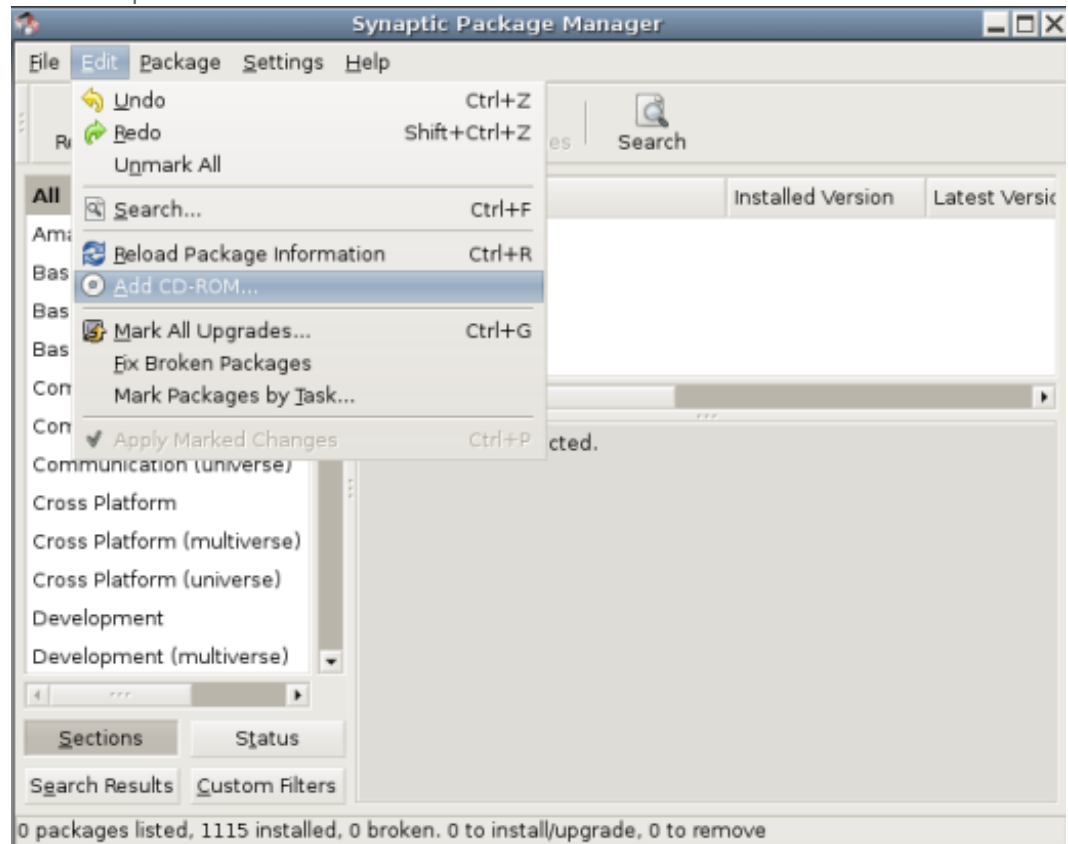
You may now close the "Software Sources" window.

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Step 2 - Adding this CD as a repository.

To begin installing software from the CD, you must first add it to the list of Software Sources available to your computer.

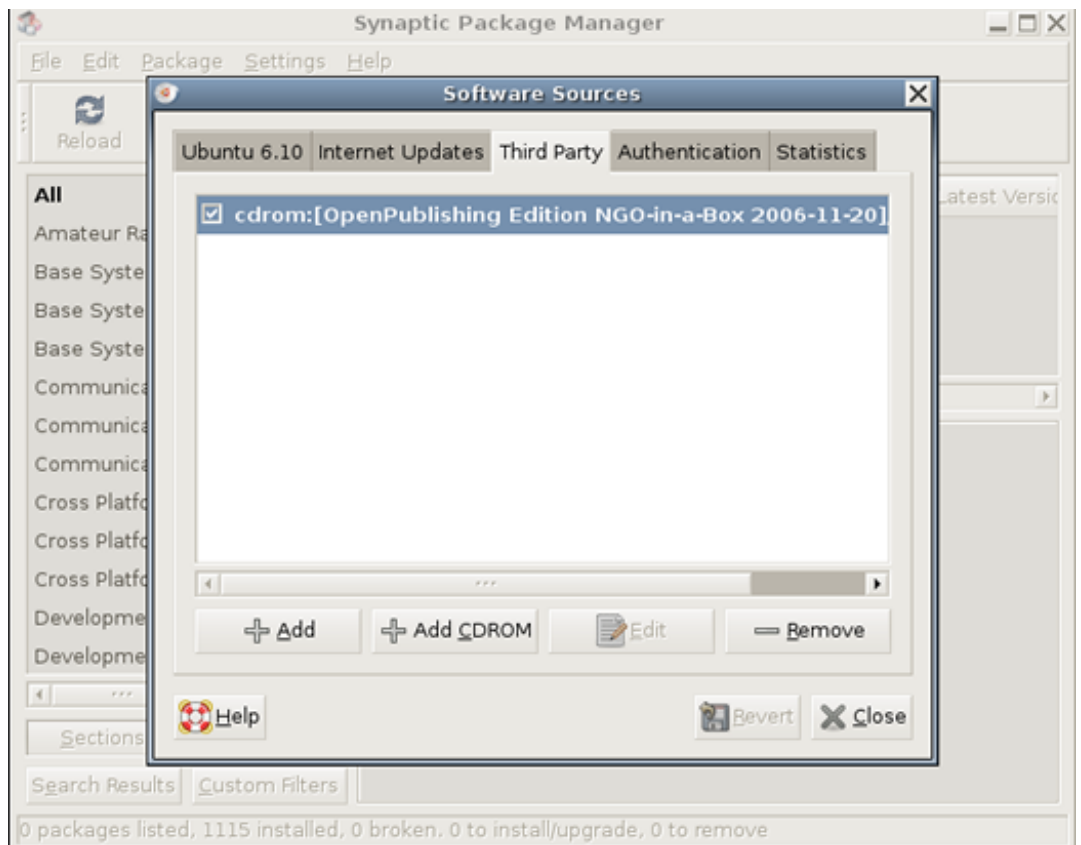
To do this, Go to the Edit menu option of the Synaptic Package Manager and click the "Add CDROM" option.



You will be prompted to insert a CD into your drive. Click OK if you are certain that the Open Publishing CD is in the drive.

To verify whether the CDROM has been added., Open the Software Sources Window by going to the Settings >> Repositories menu option.

Click the "Third Party" tab. You should see the CDROM that was just been added in the list.



The CDROM has been successfully added and you may now go ahead and Install software packages from it.

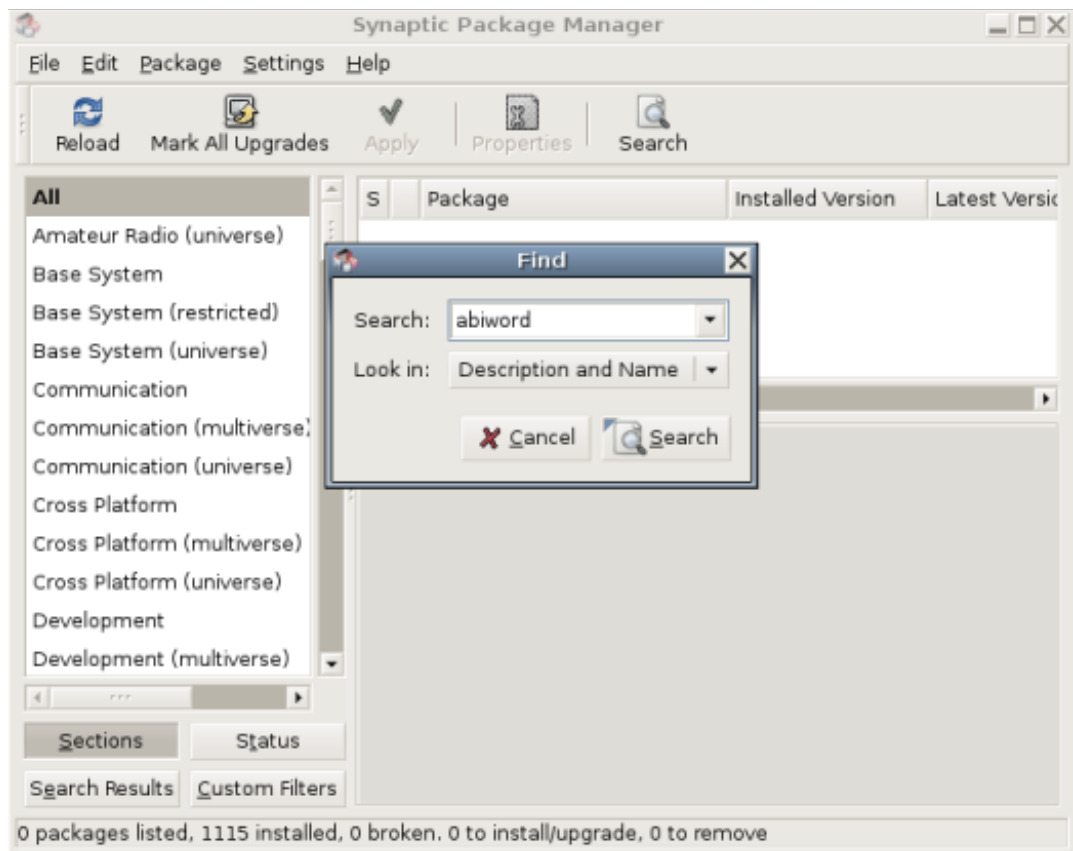
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Step 3 - Installing the software you need.

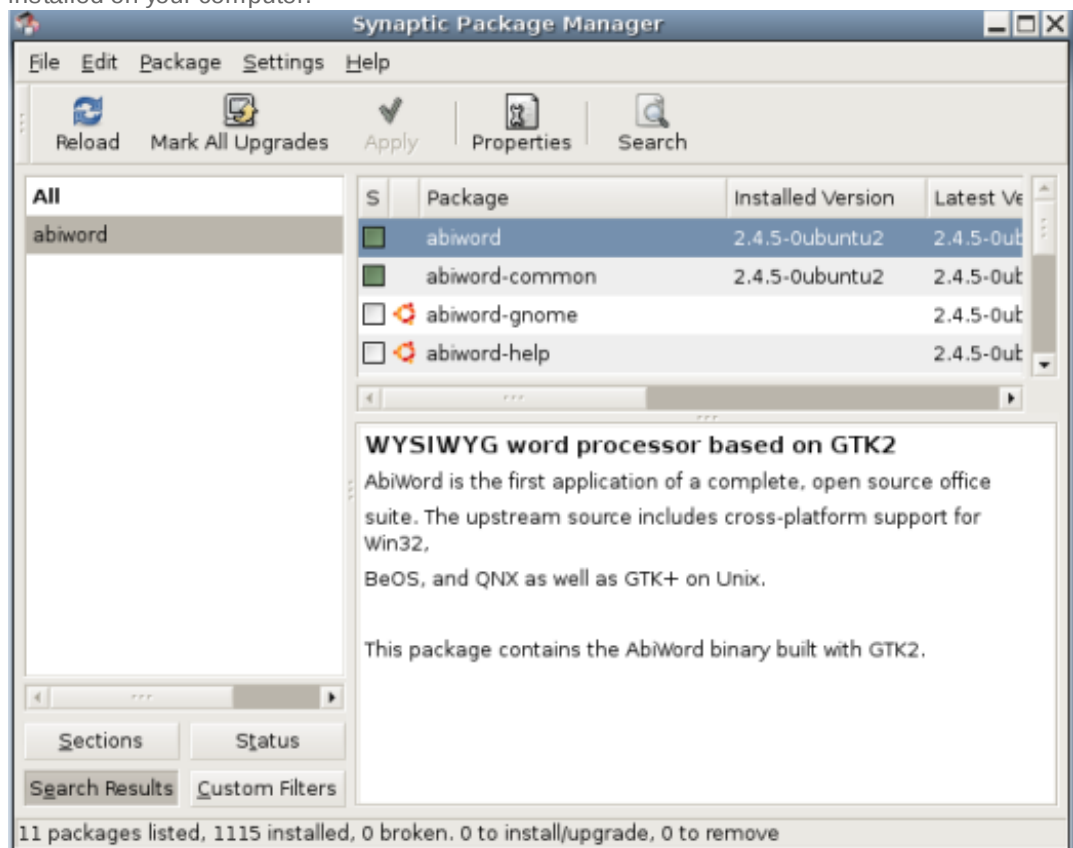
Keep the Synaptic Package Manager open after you have authenticated the CDROM and added it to the list of Software Sources.

To install a package now, click the search button just below the main menu.

Enter the name of the package that you wish to install... for eg: - "abiword" or "scribus" and click the search button on the search window.

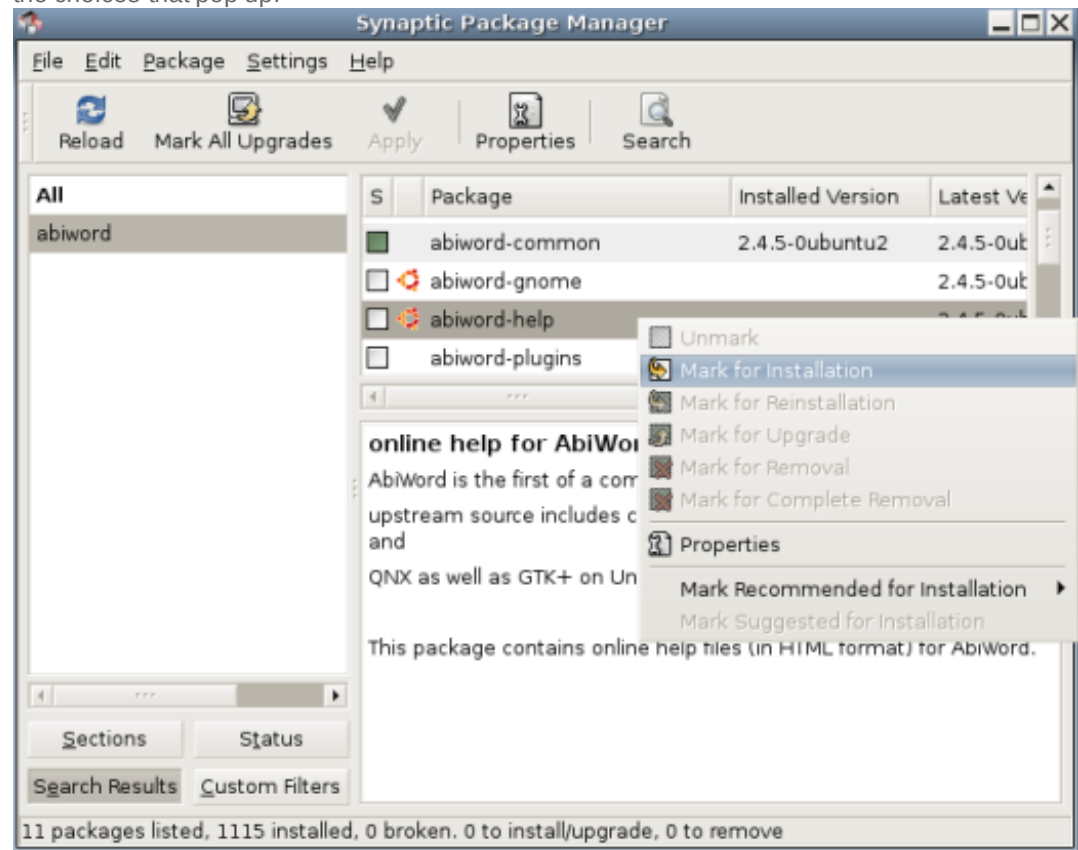


Synaptic will list the packages that match the text you entered. The packages with the box filled with green to the left of their name are the one already installed on your computer. The ones with the blank white box are the ones that are available and can be installed on your computer.



Right Click on a package that you want installed and choose the option "Mark for Installation" from

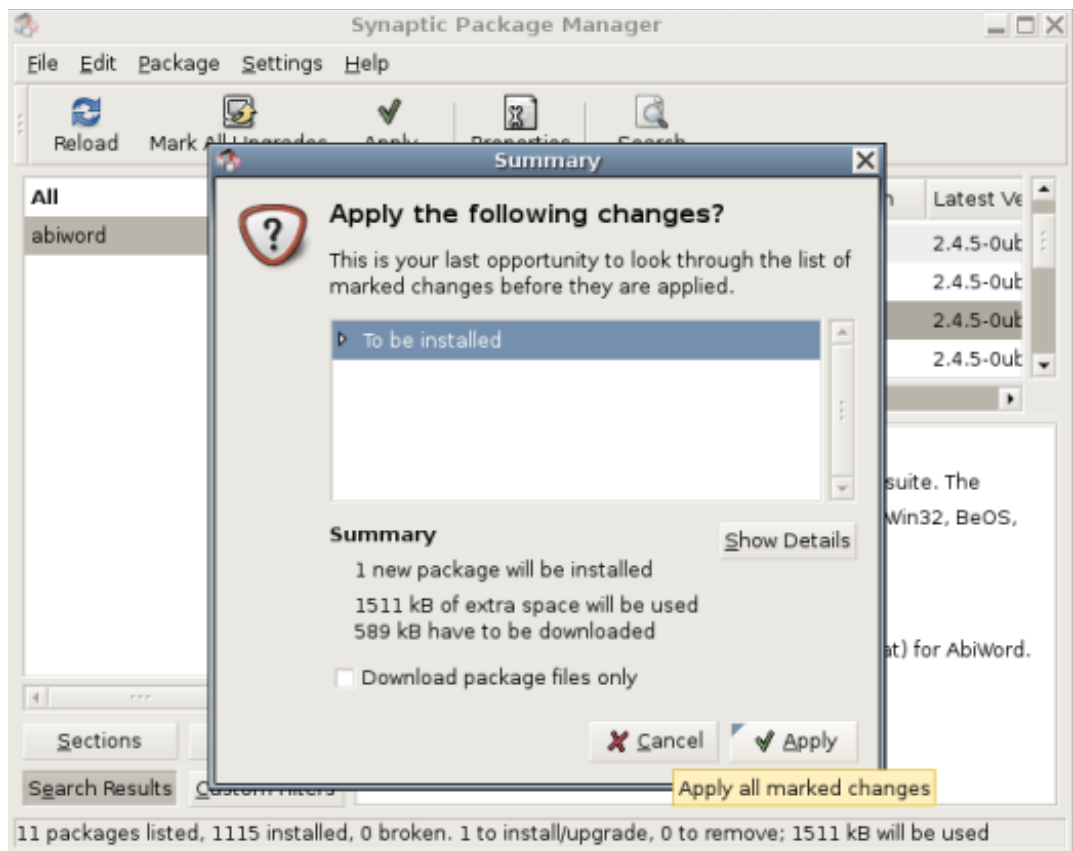
the choices that pop up.



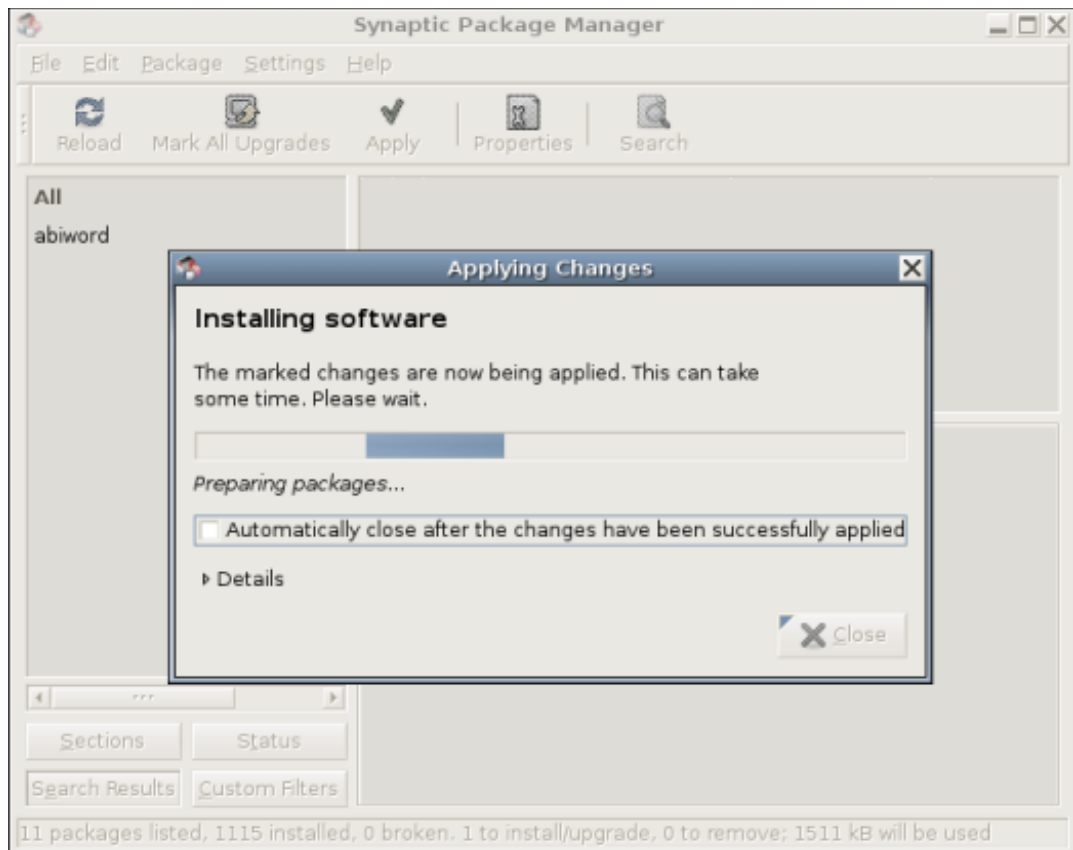
You will see a mark overlaid on the box to the left of the package name indicating that it has been marked. You can mark more packages for installation in the same way.

You could also remove installed packages by right clicking on the package in the list and choosing the "Mark for Removal" from the list of options that pop up.

Once you have marked the packages you want installed/removed click the Apply button that is just below the main menu to apply them.



You will be prompted to confirm that you want the changes applied. Click the Apply button to commit.



A progress window will open to show how far the installation has been carried out. You can choose to close the window automatically when the installation is complete.

You can then close down Synaptic Package Manager and launch the newly installed package from the Applications main menu.

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