

Manually add the authentication key for a repository or PPA

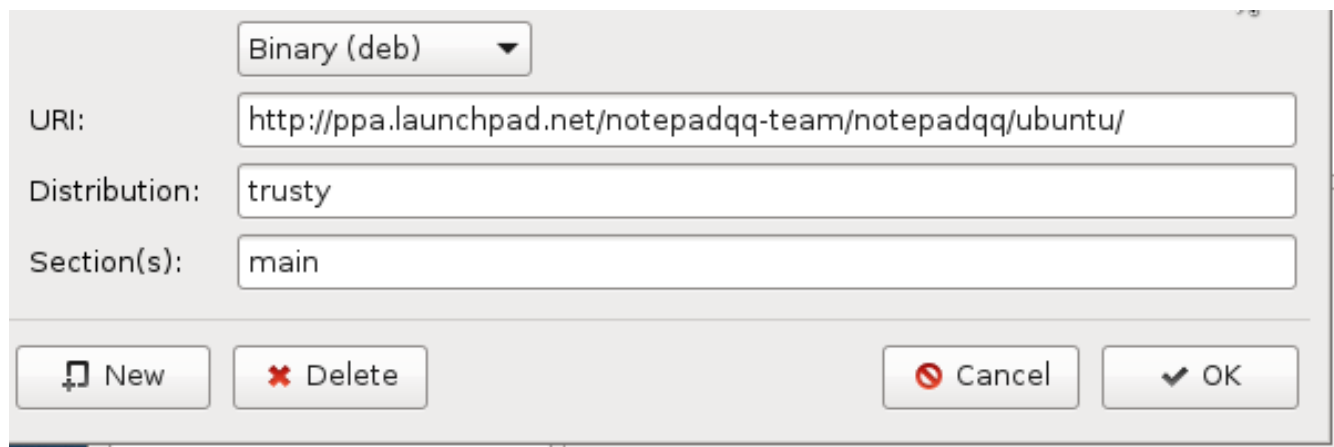
Normally, PPA (Personal Package Archive) are added using the following command:

```
sudo add-apt-repository ppa:notepadqq-team/notepadqq
```

Sometimes it won't work because your distribution is not supported. In this case, you have to add the package repository manually.

Most of the time, the address to the package repository can be found on Launchpad, example: <https://launchpad.net/~notepadqq-team/+archive/ubuntu/notepadqq>

If you are not using Ubuntu or a supported distribution and the repository is not available for yours, then get the address to the PPA and add it manually to the Synaptic package manager. Use the name of the distribution that will most likely work with yours.



The image shows a screenshot of the 'Add Repository' dialog box in the Synaptic package manager. The dialog has a title bar and a light gray background. At the top, there is a dropdown menu showing 'Binary (deb)'. Below this, there are three text input fields: 'URI:' with the value 'http://ppa.launchpad.net/notepadqq-team/notepadqq/ubuntu/', 'Distribution:' with the value 'trusty', and 'Section(s):' with the value 'main'. At the bottom of the dialog, there are four buttons: 'New' (with a plus icon), 'Delete' (with a red X icon), 'Cancel' (with a red circle and slash icon), and 'OK' (with a checkmark icon).

Once this is done, you need to add the authentication key to your system else you will get an error message on each update and you may not be able to install the programs that are in your new PPA repository because they won't be trusted.

First, open the terminal and add the signing key:

```
gpg --keyserver keys.gnupg.net --recv  
63DE9CD4
```

Second, add the fingerprint:

```
gpg --export  
A05B7C0A2774E64BA34953312E30EE6263DE9CD4 |  
sudo apt-key add -
```

Now your new repository is completely authenticated. Authentication makes sure you won't install bad, corrupted or infected programs on your computer.

Source(s):

<http://stackoverflow.com/questions/1139127/how-to-trust-a-apt-repository-debian-apt-get-update-error-public-key-is-not-av>
<http://ubuntuforums.org/showthread.php?t=1263676>
<https://launchpad.net/+help-soyuz/ppa-sources-list.html>
<https://help.ubuntu.com/community/Repositories/Ubuntu>