

By Mudambi Richards

## STEP BY STEP ON HOW TO INSTALL CHROME AND PYCHARM ON UBUNTU 16.04

Ways to Install Google Chrome on Ubuntu 16.04 and Ubuntu 17.10

Go to <https://www.google.com/chrome>. Click the Download Chrome button.

- **Click on download chrome**
- **Select your download page 64bit.deb**
- **Then click on Accept and download**

When Firefox asks you how to open this deb file, choose the default option to open it in Ubuntu Software (formerly Ubuntu Software Center).

- **Select open with and press ok**

if you choose the first option, Google Chrome deb package will be downloaded to /tmp/mozilla\_\$username directory. Once the download is complete, Ubuntu Software will automatically open. Click the Install button to install google-chrome-stable to Ubuntu 16.04/17.10. The version and installation size information can be seen in the Details section. 189.4MB of disk space! That's huge for a Web browser

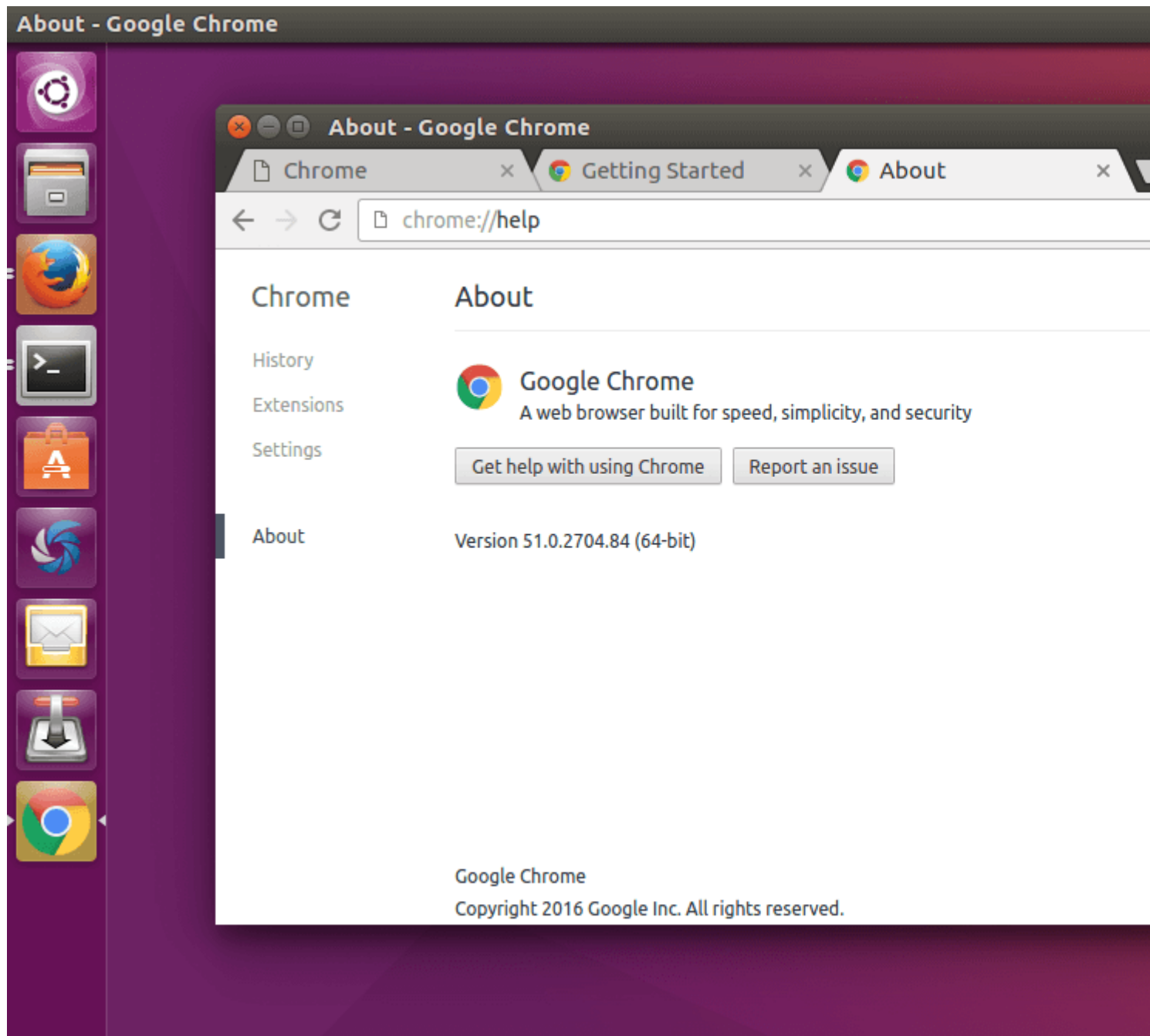
- **Then click install**

Because software installation on Linux requires root privilege, so you have to enter your password to authenticate.

- **Then type yr password**

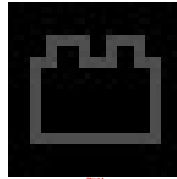
Once the installation is complete, you can start Chrome browser in the Unity Dash or by typing the following command in the terminal.  
`google-chrome-stable`

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## Install Google Chrome on Ubuntu 16.04 LTS/Ubuntu 17.10 from the Command Line



For those of you who like to hone their command line skills, here is how to install Google Chrome on Ubuntu 16.04/17.10 using terminal.

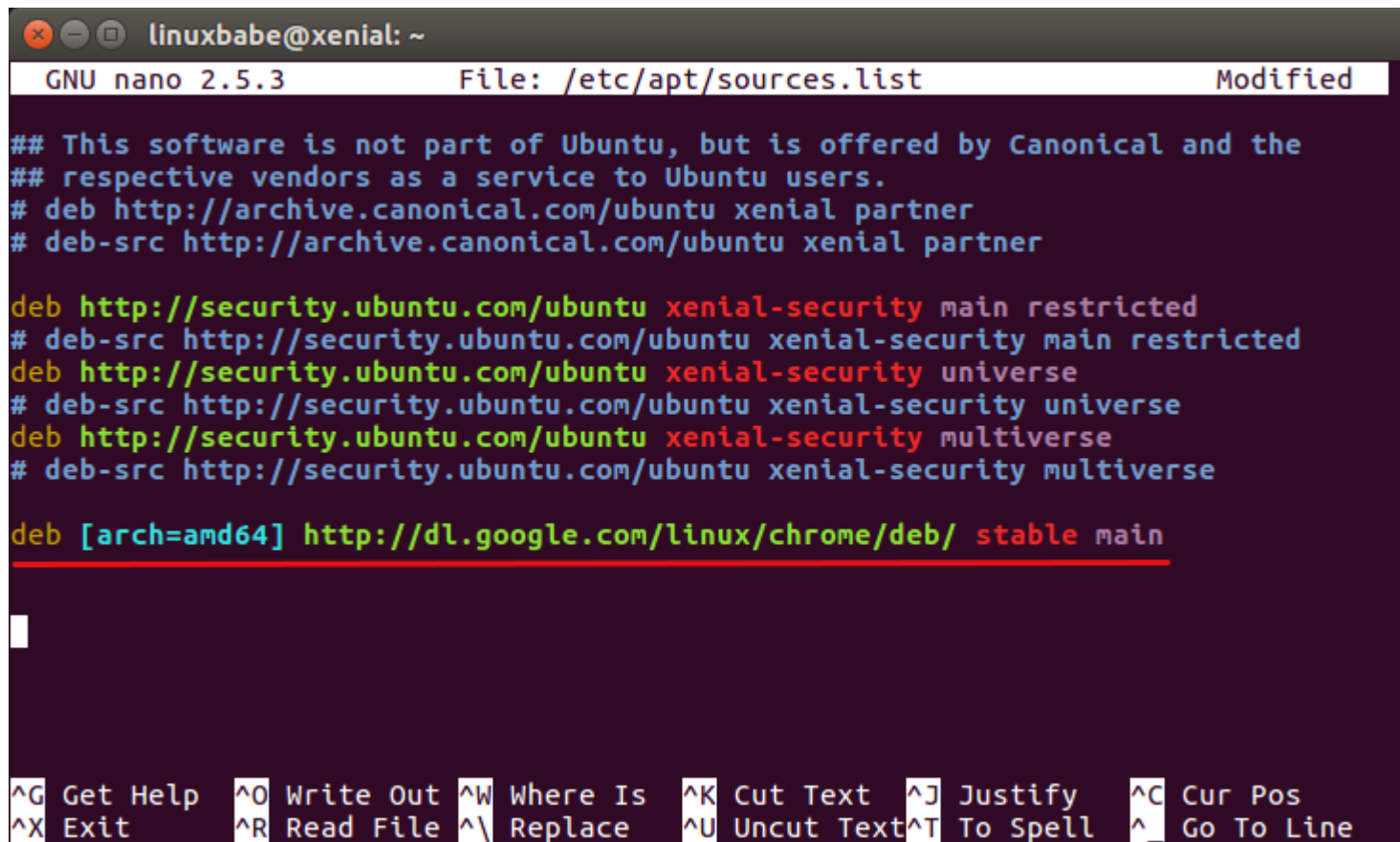
Press CTRL+ALT+T to open a terminal window, then edit `sources.list` file with **nano** text editor. You need to enter your password.

- **`sudo nano /etc/apt/sources.list`**

Use the down arrow key to scroll to the bottom of this file. Copy the following APT line and paste it at the end of the file.

```
deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable  
main
```

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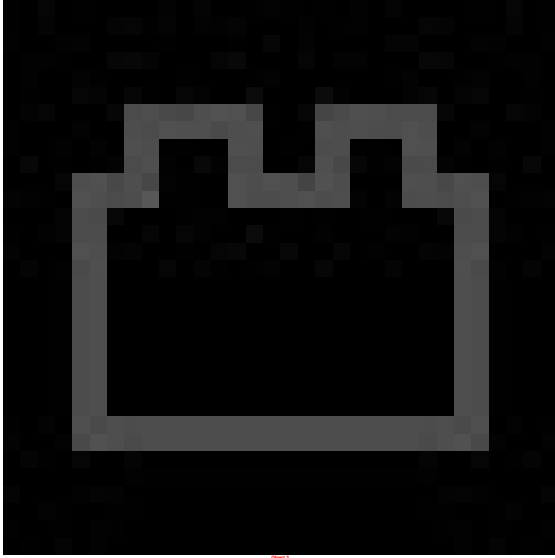
```
linuxbabe@xenial: ~  
GNU nano 2.5.3      File: /etc/apt/sources.list      Modified  
## This software is not part of Ubuntu, but is offered by Canonical and the  
## respective vendors as a service to Ubuntu users.  
# deb http://archive.canonical.com/ubuntu xenial partner  
# deb-src http://archive.canonical.com/ubuntu xenial partner  
  
deb http://security.ubuntu.com/ubuntu xenial-security main restricted  
# deb-src http://security.ubuntu.com/ubuntu xenial-security main restricted  
deb http://security.ubuntu.com/ubuntu xenial-security universe  
# deb-src http://security.ubuntu.com/ubuntu xenial-security universe  
deb http://security.ubuntu.com/ubuntu xenial-security multiverse  
# deb-src http://security.ubuntu.com/ubuntu xenial-security multiverse  
  
deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable main
```

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos  
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^ Go To Line

To save the file in Nano text editor, press **Ctrl+O**, then press **Enter** to confirm. Next, press **CTRL+X** to exit out of this file. After that, enter the following command to download Google's [signing key](#).

```
wget https://dl.google.com/linux/linux_signing_key.pub
```

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Then use **apt-key** to add it to your keyring so the package manager can verify the integrity of Google Chrome package.

- **sudo apt-key add linux\_signing\_key.pub**

Now update package list and install the stable version of Google Chrome.

- **sudo apt update**
- 
- **sudo apt install google-chrome-stable**

If you want to install the beta or unstable version of Google Chrome, use the following commands:

- **sudo apt install google-chrome-beta**
- 
- **sudo apt install google-chrome-unstable**

Google Chrome browser Linux version ships with a built-in flash player called Pepper Flash installed under `/opt/google/chrome/PepperFlash` directory.

You may see the following warning message when issuing **sudo apt update** command.

Target Packages (main/binary-amd64/Packages) is configured multiple times

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That's because the Google Chrome package created an APT line in file `/etc/apt/sources.list.d/google-chrome.list`. You can remove the warning message by deleting that file.

- **`sudo rm /etc/apt/sources.list.d/google-chrome.list`**

As you can see, installing Google Chrome browser on Ubuntu 16.04 is easy! As always, if you found this post useful, then [subscribe to our free newsletter](#). You can also follow us on [Google+](#), [Twitter](#) or [like our Facebook page](#).

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## HOW TO INSTALL PYCHARM ON UBUNTU 16.04 / 17.10 AND 18.04

### STEP 1: INSTALL SNAP PACKAGE MANAGEMENT

Snap is a new way and better way to install packages on Ubuntu... It's quick and easy and provides better package management support...

Ubuntu 17.10 and 18.04 may already have Snap package management installed.... so you may not have to run the commands below... However, on Ubuntu 16.04 desktops, you will have to run the commands below to install Snap package management.

- **`sudo apt install snapd snapd-xdg-open`**

After running the above commands, continue below to install PyCharm...

### STEP 2: INSTALL PYCHARM

Now that Snap is installed, run the commands below to install the version you want... to install the free community version, run the commands below

- **`sudo snap install pycharm-community --classic`**

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To install the professional version, you run the commands below

- **`sudo snap install pycharm-professional --classic`**




That will do it... You can also use Ubuntu Software app to install PyCharm... open Ubuntu Software from the Activities Overview and search for PyCharm

### **STEP 3: INSTALL PYCHARM VIA UBUNTU SOFTWARE CENTER**

If you can't install PyCharm using the commands line above, open Ubuntu Software center and search for PyCharm... then select and install the edition you want to use...

All

pycharm|

	<b>PyCharm CE</b>	PyCharm Community Edition for pure Python coding. For
	<b>PyCharm Pro</b>	PyCharm Professional Edition designed by programmers
	<b>PyCharm EDU</b>	PyCharm Edu combines professional development



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**Then select and install the edition you want to use...**



PyC



# PyCharm CE

## Python IDE for Professional Developers

Install

```
swcarpentry [~/PycharmProjects/swcarpentry] - .../Ana
File Edit View Navigate Code Refactor Run Tools VCS Window Help
swcarpentry AnatomyOfMatplotlib examples statistical_example.py
pcolor_example.py x imshow_example.py x example_utils.py x vector_example.py x statistical_example.py x
37 def hist(ax, dists, colors):
38     # We could call "ax.hist(dists, ...)" and skip the loop, but we'll plot
39     # each distribution separately so they'll overlap and turn on transparency
40     ax.set_color_cycle(colors)
41     for dist in dists:
42         ax.hist(dist, bins=20, normed=True, edgecolor='none', alpha=0.5)
43
44     ax.margins(y=0.05)
45     ax.set_ylim(bottom=0)
46
47     example_utils.label(ax, 'ax.hist(dists)')
48
49 def boxplot(ax, dists, colors):
50     result = ax.boxplot(dists, patch_artist=True, notch=True, vert=False)
51
52     for box, color in zip(result['boxes'], colors):
53         box.set(facecolor=color, alpha=0.5)
54     for item in ['whiskers', 'caps', 'medians']:
55         plt.setp(result[item], color='gray', linewidth=1.5)
56     plt.setp(result['fliers'], markeredgecolor='gray', markeredgewidth=1.5)
57     plt.setp(result['medians'], color='black')
58
59
60 ax.margins(0.05)
61 ax.set_xlabel('...')
62 ax.set_ylabel('...')
```

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After installing, launch and start using PyCharm...  
That's it!