

# comment installer-pycharm-python-ide-sur-debian

PyCharm is a free, open-source, graphical IDE for Linux-based operating systems. It is used to debug programs, analyze code, and integrate with Git and other version control systems. PyCharm is available in two editions: professional and community. The community edition is free, but the professional edition is paid and has more features. The community edition comes with a text editor and other useful tools that help developers to write and troubleshoot code.

This tutorial will show you how to install PyCharm IDE on Debian 11 or Debian 12 Desktop.

## Prerequisites

- A system running Debian 11 or Debian 12 Desktop.
- A root password is configured on your server.

## Install Required Dependencies

Before starting, you must install some Python dependencies on your system. You can install all of them by running the following command:

```
apt-get install python3 python3-dev python3-distutils -y
```

Once all the dependencies are installed, you can proceed to the next step.

## Install PyCharm with Flatpak

There is two way to install the PyCharm IDE on Debian. In this section, we will use flatpak to install PyCharm IDE.

First, install the Flatpak using the following command:

```
apt-get install flatpak -y
```

Next, run the following command to enable the flatpak for Debian:

```
flatpak remote-add --if-not-exists flathub https://flathub.org/repo/flathub.flatpakrepo
```

Next, install the PyCharm community edition using the command below:

```
flatpak install flathub com.jetbrains.PyCharm-Community
```

Once the PyCharm has been installed, you will get the following output:

```
Installing in system:
com.jetbrains.PyCharm-Community/x86_64/stable flathub eec15b4b61f6
permissions: ipc, network, pulseaudio, session-bus, x11, devices
file access: host, xdg-run/keyring
dbus access: org.freedesktop.Notifications, org.freedesktop.secrets
Is this ok [y/n]: y
Installing: com.jetbrains.PyCharm-Community/x86_64/stable from flathub
[#####] 1 metadata, 3926 content objects fetched; 266343 KiB tran
Now at eec15b4b61f6.
```

After the installation, you will need to restart your system to launch the application.

## Install PyCharm with Snap

You can also use the Snap package manager to install the PyCharm IDE to your system.

First, install the Snap package manager with the following command:

```
apt install snapd -y
```

Once the Snap package is installed, start and enable the Snap service using the following command:

```
systemctl enable snapd --now
```

Next, create a symbolic link of Snap binary using the command below:

```
ln -s /var/lib/snapd/snap /snap
```

Next, install the Snap core files to avoid conflicting issues:

```
snap install core
```

Next, restart the Snap service to apply the changes:

```
systemctl restart snapd
```

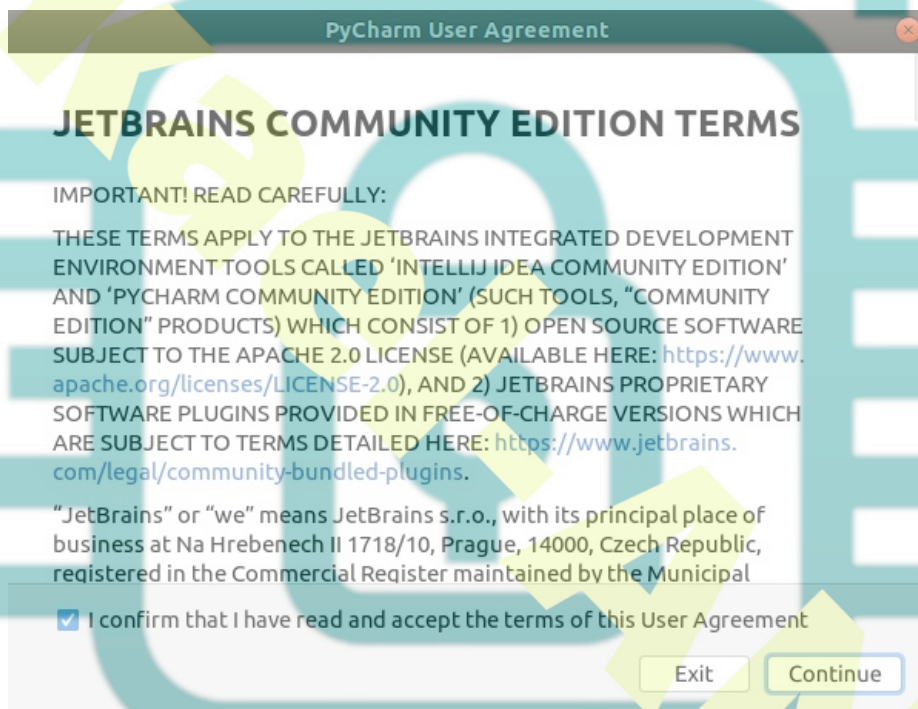
Next, install the PyCharm community edition using the command below:

```
snap install pycharm-community --classic
```

Once the installation is completed, restart your system to launch the application.

## Launch PyCharm IDE

At this point, Pycharm IDE is installed in your system. Now, open your application menu and launch it. You should see the PyCharm user agreement page:



Accept the user agreement and click on the **Continue** button. You will be asked to share anonymous data as shown below:

## DATA SHARING

Help JetBrains improve its products by sending anonymous data about features and plugins used, hardware and software configuration, statistics on types of files, number of files per project, etc. Please note that this will not include personal data or any sensitive information, such as source code, file names, etc. The data sent complies with the [JetBrains Privacy Policy](#).

Data sharing preferences apply to all installed JetBrains products.

You can always change this behavior in [Settings | Appearance & Behavior | System Settings | Data Sharing](#).

Click on the **Don't Send** button. You should see the PyCharm default editor on the following page:



```
first_run.txt - .../share/jetbrains-flatpak-wrapper
File Edit View Window Help
first_run.txt
1
2 https://www.flathub.org
3
4 -----
5 | Warning: You are running an unofficial Flatpak version of PyCharm !!! |
6 -----
7
8 Please open issues under: https://github.com/flathub/com.jetbrains.PyCharm-Community/issues
9
10 This version is running inside a container and is therefore not able
11 to access SDKs on your host system!
12
13 To execute commands on the host system, run inside the sandbox:
14
15 $ flatpak-spawn --host <COMMAND>
16
17 To make the Integrated Terminal automatically use the host system's shell,
18 you can modify 'Settings > Tools > Terminal > Shell path' to '/usr/bin/env -- flatpak-spawn --host bash':
19
20 This flatpak provides a standard development environment (gcc, python, etc).
21 To see what's available:
22
23 $ flatpak run --command=sh com.jetbrains.PyCharm-Community
24 $ ls /usr/bin (shared runtime)
25 $ ls /app/bin (bundled with this flatpak)
26
27 LightEdit mode. Access full IDE - 1:1 | UTF-8 Autosave:off
```

## Conclusion

In this post, you learned how to install PyCharm IDE on Debian 11 desktop. You can now use PyCharm IDE to write and debug your code. For more information, visit the [PyCharm documentation](#).