

How to install Blender 3D on Ubuntu 20.04

Blender 3D is a professional open source 3D graphics and animation software. It has a rich feature set like animations, visual effects, 3D modeling and motion graphics.

Blender 3D produces great results and is used in professional film production. Blender 3D can be used on a variety of platforms and is available in around 34 different languages. In this tutorial, **TipsMake** will show you how to install Blender 3D on Ubuntu 20.04. Similar instructions will work on Mint 20 systems as well.

Install Blender 3D on Ubuntu 20.04

To install Blender 3D on an Ubuntu 20.04 system, you will have to follow the steps listed here:

Step 1: Update system Ubuntu 20.04

You need to update your Ubuntu 20.04 system before you install Blender 3D on it. This can be done with the following command:

```
sudo apt-get update
```

Once all the necessary packages on an Ubuntu 20.04 system have been successfully updated, you should see the messages shown in the image below:

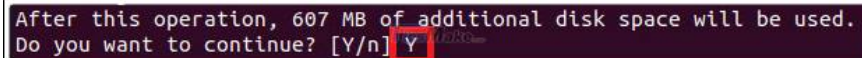
```
ges [137 kB]
Get:17 http://pk.archive.ubuntu.com/ubuntu focal-updates/restricted Translation
-en [20.3 kB]
Get:18 http://pk.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f
Metadata [436 B]
Get:19 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Package
s [727 kB]
Get:20 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe i386 Packages
[538 kB]
Get:21 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11
Metadata [299 kB]
Get:22 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f M
etadata [15.4 kB]
Get:23 http://pk.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packa
ges [16.6 kB]
Get:24 http://pk.archive.ubuntu.com/ubuntu focal-updates/multiverse Translation
-en [4,864 B]
Get:25 http://pk.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-1
1 Metadata [2,468 B]
Get:26 http://pk.archive.ubuntu.com/ubuntu focal-backports/universe amd64 DEP-1
1 Metadata [1,768 B]
Reading package lists... Done
E: The repository 'http://ppa.launchpad.net/mark-pcnet/spec/conky-manager-pm9/ub
untu focal Release' does not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore dis
abled by default.
N: See apt-secure(8) manpage for repository creation and user configuration det
ails.
kbuzdar@ayesha-virtualbox:~$
```

Step 2: Install Blender 3D on Ubuntu 20.04 system

You can now install Blender 3D on your Ubuntu 20.04 system with the following command:

```
sudo apt install blender
```

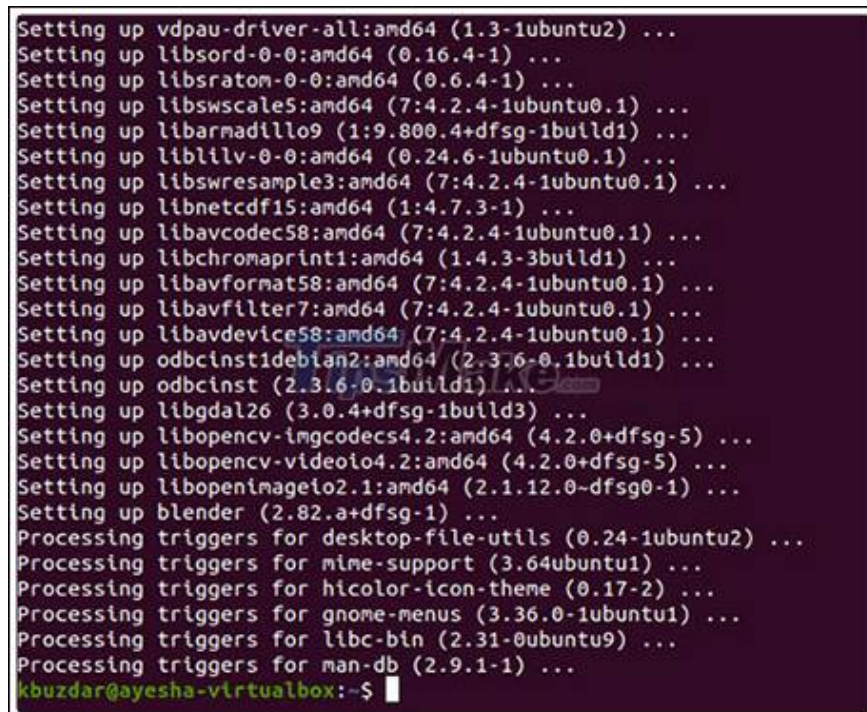
During the installation of this software, you will be asked to provide confirmation for this action, by typing 'y' and then pressing the **Enter** key as highlighted in the image below:



```
After this operation, 607 MB of additional disk space will be used.  
Do you want to continue? [Y/n] Y
```

Confirm Blender 3D installation on Ubuntu 20.04 system

Finally, when Blender 3D along with all its packages and dependencies are successfully installed on an Ubuntu 20.04 system, you will see the confirmation message shown in the following image:



```
Setting up vdpau-driver-all:amd64 (1.3-1ubuntu2) ...  
Setting up libsord-0-0:amd64 (0.16.4-1) ...  
Setting up libsratom-0-0:amd64 (0.6.4-1) ...  
Setting up libswscale5:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up libarmadillo9 (1:9.800.4+dfsg-1build1) ...  
Setting up liblilv-0-0:amd64 (0.24.6-1ubuntu0.1) ...  
Setting up libswresample3:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up libnetcdf15:amd64 (1:4.7.3-1) ...  
Setting up libavcodec58:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up libchromaprint1:amd64 (1.4.3-3build1) ...  
Setting up libavformat58:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up libavfilter7:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up libavdevice58:amd64 (7:4.2.4-1ubuntu0.1) ...  
Setting up odbcinst1debian2:amd64 (2.3.6-0.1build1) ...  
Setting up odbcinst (2.3.6-0.1build1) ...  
Setting up libgdal26 (3.0.4+dfsg-1build3) ...  
Setting up libopencv-imgcodecs4.2:amd64 (4.2.0+dfsg-5) ...  
Setting up libopencv-videoio4.2:amd64 (4.2.0+dfsg-5) ...  
Setting up libopenimageio2.1:amd64 (2.1.12.0-dfsg0-1) ...  
Setting up blender (2.82.a+dfsg-1) ...  
Processing triggers for desktop-file-utils (0.24-1ubuntu2) ...  
Processing triggers for mime-support (3.64ubuntu1) ...  
Processing triggers for hicolor-icon-theme (0.17-2) ...  
Processing triggers for gnome-menus (3.36.0-1ubuntu1) ...  
Processing triggers for libc-bin (2.31-0ubuntu9) ...  
Processing triggers for man-db (2.9.1-1) ...  
kbuzdar@ayesha-virtualbox:~$
```

Step 3: Check the installed version of Blender 3D on Ubuntu 20.04 system

You can check the Blender 3D version installed on your Ubuntu 20.04 system by executing the command shown below:

```
blender --version
```

Blender 3D version installed on Ubuntu 20.04 system in example is shown as in the following image:

```
kbuzdar@ayesha-virtualbox:~$ blender --version
Blender 2.82 (sub 7)
kbuzdar@ayesha-virtualbox:~$
```

Step 4: Launch Blender 3D on Ubuntu 20.04 system

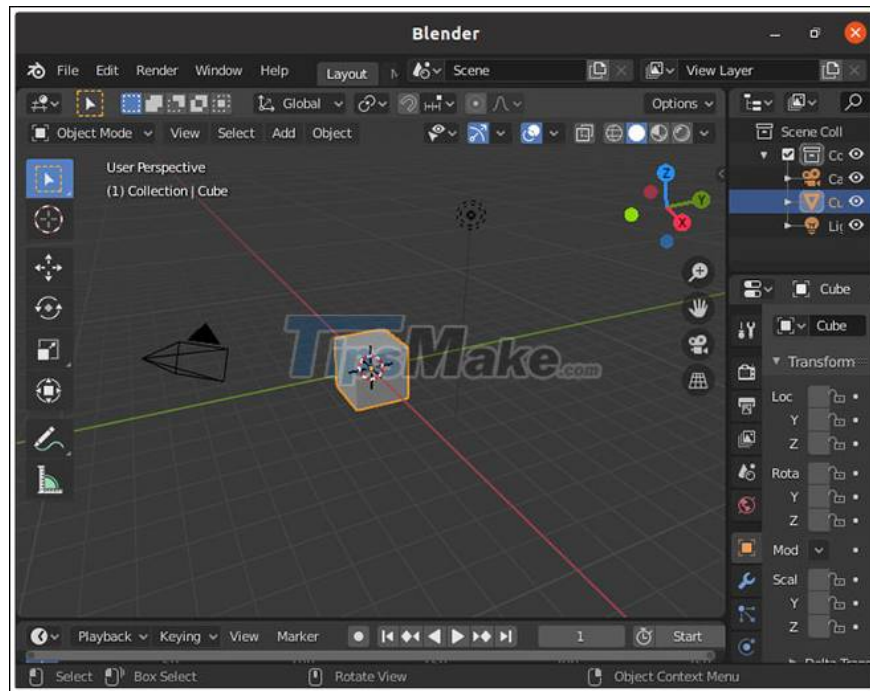
Blender 3D can be easily launched through the Ubuntu 20.04 Terminal by running the command shown below:

```
blender
```

Alternatively, you can even search for Blender in the **Activities** search menu and then click the **Blender** search result as highlighted in the following figure:



Once Blender 3D is successfully launched on an Ubuntu 20.04 system, your screen should look like this.



You finished reading the article "**How to install Blender 3D on Ubuntu 20.04**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.
