

# How to execute .run or .bin packages in Linux

For applications not available through the software center, some developers create executable files in .run and .bin binary packages. This tutorial is intended to provide readers with instructions for installing those binary packages.

The easiest way to install an application in Linux is to launch the Software Center (software center), search for the application in the search box, then click the button and enter the root password.

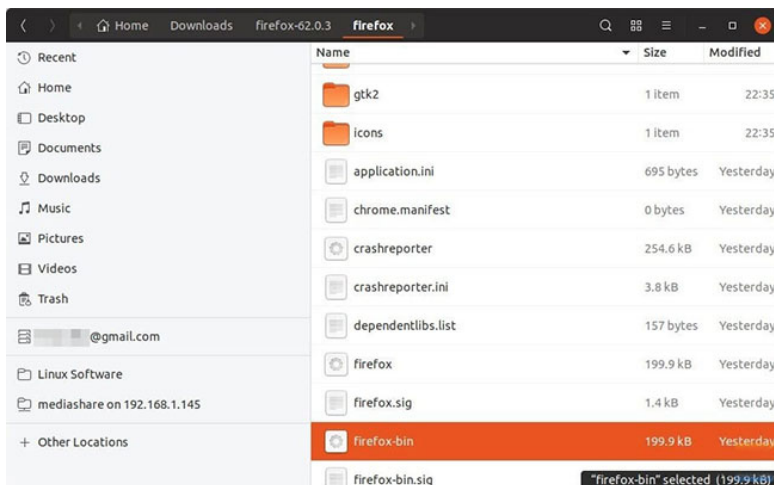
For applications not available through the software center, some developers create executable files in .run and .bin binary packages. This tutorial is intended to provide readers with step-by-step instructions for installing those binary packages.

## Execute binary packages (.bin & .run) in Linux

The method of executing the binary package will be the same in any Linux distribution. They work in Ubuntu, Linux Mint, elementary OS, Fedora, Manjaro, etc.

For simplicity, suppose that the downloaded binary package is under '**Downloads**' under the **Home** directory. Also to illustrate, the example downloaded the Firefox browser binary file and showed you the installation steps. The Firefox binary is in a compressed .tar format. If your package is the same, just right click on it and select '**Extract**' to extract the content.

For example, **firefox-62.0.3.tar.bz2** => extract to **firefox-62.0.3** folder .



The Firefox binary is in a compressed .tar format

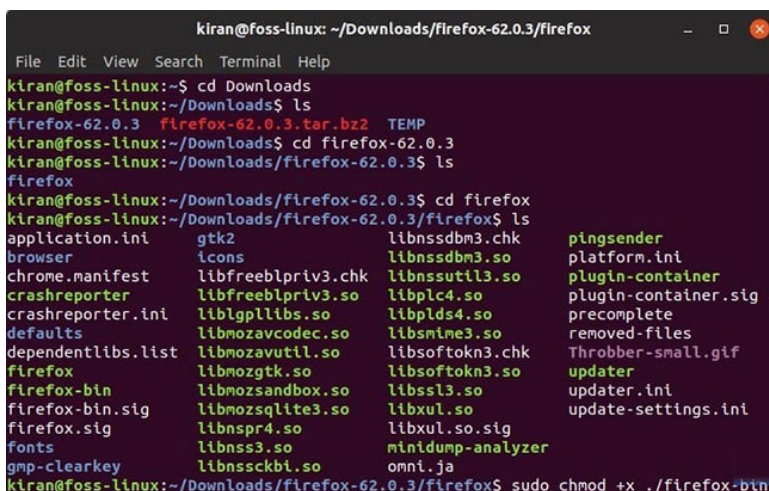
**Step 1 :** Launch the **Terminal**.

**Step 2 :** Use the `cd` command to navigate to the '**Downloads**' folder .

```
cd Downloads
```

**Step 3 :** Use the `ls` command to list the contents of the '**Downloads**' folder. Next, use the `cd` command again to enter the downloaded binary package directory.

Examples of inputs and outputs:



```
kiran@foss-linux: ~/Downloads/firefox-62.0.3/firefox
File Edit View Search Terminal Help
kiran@foss-linux:~$ cd Downloads
kiran@foss-linux:~/Downloads$ ls
firefox-62.0.3  firefox-62.0.3.tar.bz2  TEMP
kiran@foss-linux:~/Downloads$ cd firefox-62.0.3
kiran@foss-linux:~/Downloads/firefox-62.0.3$ ls
firefox
kiran@foss-linux:~/Downloads/firefox-62.0.3$ cd firefox
kiran@foss-linux:~/Downloads/firefox-62.0.3/firefox$ ls
application.ini  gtk2  libnssdbm3.chk  pingsender
browser          icons  libnssdbm3.so   platform.ini
chrome.manifest  libfreeblpriv3.chk  libnssutil3.so  plugin-container
crashreporter    libfreeblpriv3.so  libplc4.so      plugin-container.sig
crashreporter.ini  libgpllibs.so     libplds4.so     precomplete
defaults         libmozavcodec.so   libsmime3.so    removed-files
dependentlibs.list  libmozavutil.so   libsoftokn3.chk  Throbber-small.gif
firefox          libmozgtk.so       libsoftokn3.so  updater
firefox-bin      libmozsandbox.so  libssl3.so      updater.ini
firefox-bin.sig  libmozsqlite3.so  libxul.so       update-settings.ini
firefox.sig      libnspr4.so       libxul.so.sig
fonts            libnss3.so        minidump-analyzer
gmp-clearkey    libnssckbi.so     omni.ja
```

Use the `ls` command to list the contents of the directory

**Step 4 :** The first step is to authorize the `.bin` file.

In the case of the `.bin` package, enter the command:

```
sudo chmod +x ./FILENAME.bin
```

Replace '**FILENAME**' with the name of your BIN file. Hit Enter .

Similarly, if the package you downloaded is a `.run` package, enter the command:

```
sudo chmod +x FILENAME.run
```

Replace **FILENAME** with the name of the RUN file.

**Step 5 :** Enter the admin password when prompted, then press Enter .

**Step 6 :** Finally execute the binary file: `./FILENAME.bin` or `./FILENAME.run`

The application will launch. All operations are completed!

You finished reading the article "**How to execute .run or .bin packages in Linux**" 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.

---

