

3 ways to listen to the radio via Ubuntu Terminal

In this article, TipsMake.com will describe 3 tools through which you can listen to online radio from your Linux Terminal.

Those who are terminal savers, do not want to leave the comfort of the command line and go to another place to perform a certain task. People always want to find ways to do everything right in the terminal. So why not listen to the radio right in the terminal? In this article, **TipsMake.com** will describe 3 tools through which you can listen to online radio from your Linux terminal. The article will explain how you can install each of these tools, use them and delete them from the system if needed.

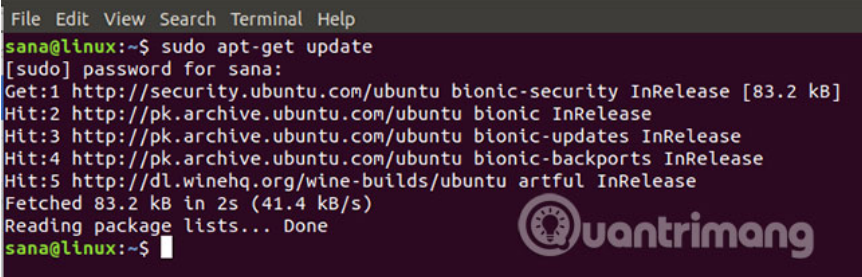
The commands and processes mentioned in this article are implemented on Ubuntu 18.04 LTS systems.

Method 1: Use Pyradio

Pyradio is a free, open source command line tool that allows you to open your favorite radio stations via the terminal. Pyradio is based on Python and is available on snap , where you can install this tool easily.

Open Ubuntu terminal via Search **Launcher application** or by using shortcut Ctrl + Alt + T Enter the following command to refresh the list of available packages:

```
$ sudo apt-get update
```



```
File Edit View Search Terminal Help
sana@linux:~$ sudo apt-get update
[sudo] password for sana:
Get:1 http://security.ubuntu.com/ubuntu bionic-security InRelease [83.2 kB]
Hit:2 http://pk.archive.ubuntu.com/ubuntu bionic InRelease
Hit:3 http://pk.archive.ubuntu.com/ubuntu bionic-updates InRelease
Hit:4 http://pk.archive.ubuntu.com/ubuntu bionic-backports InRelease
Hit:5 http://dl.winehq.org/wine-builds/ubuntu artful InRelease
Fetched 83.2 kB in 2s (41.4 kB/s)
Reading package lists... Done
sana@linux:~$
```

Since the snap daemon appears by default in the latest Ubuntu versions, you don't need to install it. If you are using an older version, you can use the following command to install the daemon:

```
$ sudo apt-get install snapd
```

Now, type the following command to install Pyradio into Ubuntu:

```
$ sudo snap install pyradio
```

```
sana@hp-probook:~$ sudo snap install pyradio
pyradio 0.7.5 from Snapcrafters installed
```

This process may take a while depending on your Internet speed, as this is a relatively large package. The output similar to the one in the illustration will show that the installation is complete and the Pyradio version installed on your system will also be displayed.

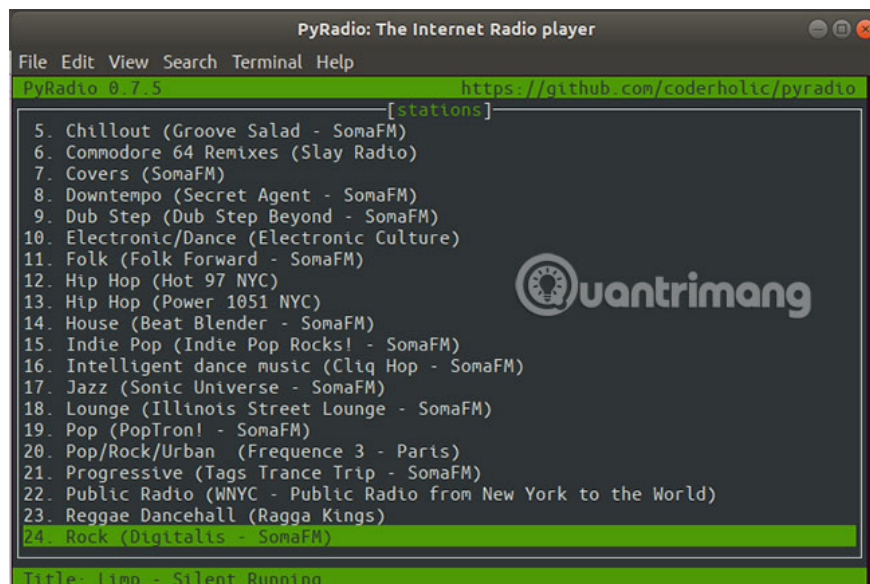
If you want to remove Pyradio installed via this method, you can use the following command in the terminal:

```
$ sudo snap remove pyradio
```

How to use Pyradio

So how to use this tool? Running this radio player is quite simple. Use this command to start the player and it will start playing a random station from the list:

```
$ pyradio --play
```



To customize the list and play the selected stations, you can use the following commands while the radio player is still running:

Keys

Function

Arrow up / j / PgUp / Down arrow / k / PgDown Change radio Enter Open selected station - / + Change volume
M v Silent r Select and open any station Space Stop or start a station selected c Open the configuration window t
Load theme / Change the transparency of the Del theme, x Delete the selected station Esc / q Exit the player

Method 2: Through Mplayer

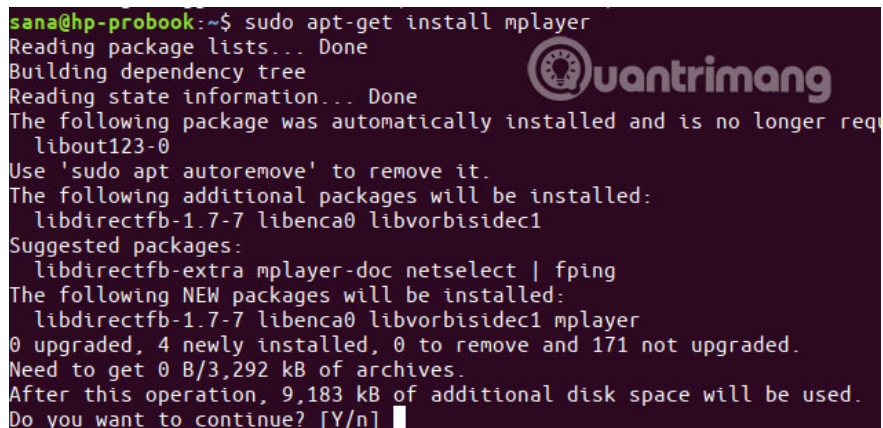
Mplayer is a movie player for Linux (runs on many platforms and other CPU architectures). Mplayer can open most MPEG / VOB, AVI, ASF / WMA / WMV, RM, QT / MOV / MP4 files, Ogg / OGM, MKV, VIVO, FLI,

NuppelVideo, yuv4mpeg, FILM and RoQ, supported by many Original and binary codecs.

What we need to consider here is the ability to open this player's stations, by providing the online radio URL, right in the terminal.

The mplayer utility is easily available through the official Ubuntu repositories and the installation is quite simple via the command line with `apt-get`. You can do so by running the following command with `sudo`:

```
$ sudo apt-get install mplayer
```



```
sana@hp-probook:~$ sudo apt-get install mplayer
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  libout123-0
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  libdirectfb-1.7-7 libenca0 libvorbisidec1
Suggested packages:
  libdirectfb-extra mplayer-doc netselect | fping
The following NEW packages will be installed:
  libdirectfb-1.7-7 libenca0 libvorbisidec1 mplayer
0 upgraded, 4 newly installed, 0 to remove and 171 not upgraded.
Need to get 0 B/3,292 kB of archives.
After this operation, 9,183 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

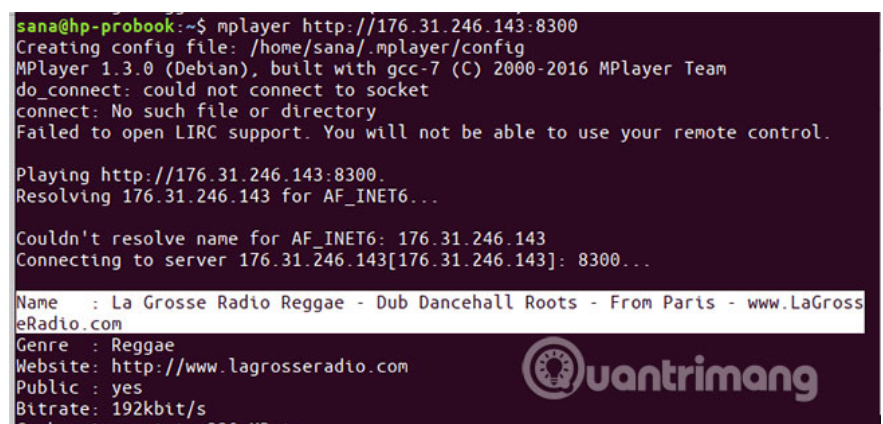
The system can ask you for a password for `sudo` and also give you the option **Y / n** to continue the installation. Enter **Y** and then press **Enter**. The software will be installed on your system. However, this process may take a while depending on your Internet speed.

If you want to remove the player installed via this method, you can use the following command in the terminal:

```
$ sudo apt-get remove mplayer
```

To open the radio, use the `mplayer` command as follows:

```
$ mplayer [station-URL]
```



```
sana@hp-probook:~$ mplayer http://176.31.246.143:8300
Creating config file: /home/sana/.mplayer/config
MPlayer 1.3.0 (Debian), built with gcc-7 (C) 2000-2016 MPlayer Team
do_connect: could not connect to socket
connect: No such file or directory
Failed to open LIRC support. You will not be able to use your remote control.

Playing http://176.31.246.143:8300.
Resolving 176.31.246.143 for AF_INET6...
Couldn't resolve name for AF_INET6: 176.31.246.143
Connecting to server 176.31.246.143[176.31.246.143]: 8300...

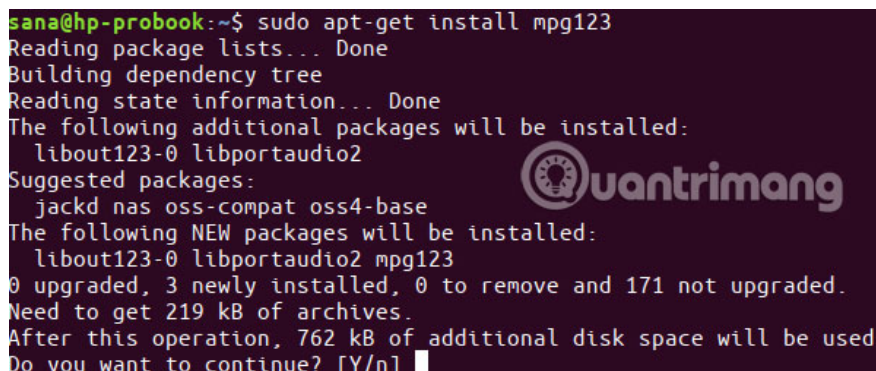
Name   : La Grosse Radio Reggae - Dub Dancehall Roots - From Parts - www.LaGrosseRadio.com
Genre  : Reggae
Website: http://www.lagrosseradio.com
Public : yes
Bitrate: 192kbit/s
Cache size set to 220 KB
Cache size set to 220 KB
```

Method 3: Use mpg123

Mpg123 is a free, open source radio player. Mpg123 supports MPEG audio formats, including MP3. Mpg123 is a console application and has no graphical user interface. This means you can open radio stations on it by providing the URL in the mpg123 command.

mpg123 utility is easily available through official Ubuntu repositories and simple installation via the command line with apt-get . You can do this by running the following command with sudo :

```
$ sudo apt-get install mpg123
```



```
sana@hp-probook:~$ sudo apt-get install mpg123
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libout123-0 libportaudio2
Suggested packages:
  jackd nas oss-compat oss4-base
The following NEW packages will be installed:
  libout123-0 libportaudio2 mpg123
0 upgraded, 3 newly installed, 0 to remove and 171 not upgraded.
Need to get 219 kB of archives.
After this operation, 762 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

The system may require a password for sudo and also give you the **Y / n option** to continue the installation. Enter Y and then press Enter . The software will be installed on your system. However, this process may take a while depending on your Internet speed.

If you want to remove mpg123 installed via this method, you can use the following command in the terminal:

```
$ sudo apt-get remove mpg123
```

To open the radio, use the mpg123 command as follows:

```
$ mpg123 [station-URL]
```



```
sana@hp-probook:~$ mpg123 http://176.31.246.143:8300
High Performance MPEG 1.0/2.0/2.5 Audio Player for Layers 1, 2 and 3
version 1.25.10; written and copyright by Michael Hipp and others
free software (LGPL) without any warranty but with best wishes

Directory: http://

Terminal control enabled, press 'h' for listing of keys and functions.

Playing MPEG stream 1 of 1: 176.31.246.143:8300 ...
ICY-NAME: La Grosse Radio Reggae - Dub Dancehall Roots - From Paris - www.LaGrosseRadio.com
ICY-URL: http://www.lagrosseradio.com

MPEG 1.0 L III cbr192 44100 stereo
ICY-META: StreamTitle='Samory I - Scepter';StreamUrl='';
```

Here are 3 ways to listen to online radio right in the terminal application.

Hope you are succesful.

You finished reading the article "**3 ways to listen to the radio via Ubuntu Terminal**" 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.

