Hayden Ivey

🏠 ❯ Debian Tutorials ❯

Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 7 w/ GUI) [11/03/2014] [OUTDATED]

Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 7 w/ GUI) [11/03/2014] [OUTDATED]

👤 **Hayden Ivey**   📅 November 3, 2014   ✎ **Edit This**

NEWLY UPDATED TUTORIAL HERE: http://haydenivey.com/blog/?p=223

DISCLAIMER: I did not write this tutorial myself. I took the tutorial for setting up a music bot from here and modified it to work with Debian and specialize with playing music using a Spotify account. All credit goes to Hillmoor, the creator of the tutorial.

Prerequisites:

1. Debian w/ GUI
2. Screen `apt-get install screen`
3. Access to the root account of the server

Installing Pulseaudio:

"PulseAudio is a sound system for POSIX OSes, meaning that it is a proxy for your sound applications. It allows you to do advanced operations on your sound data as it passes between your application and your hardware. Things like transferring the audio to a different machine, changing the sample format or channel count and mixing several sounds into one are easily achieved using a sound server."

Log into the Root account. Once you are into Root, lets start downloading packages. For the first package, you need to install Pulseaudio.

```
apt-get install pulseaudio
```

Once the package is done installing, run this command and pulseaudio will start up.

```
screen -d -m -S pulseaudio pulseaudio
```

You can make sure the pulseaudo screen is running by using the command,

```
screen -ls
```

Installing Mopidy:

"Mopidy plays music from local disk, Spotify, SoundCloud, Google Play Music, and more. You edit the playlist from any phone, tablet, or computer using a range of MPD and web clients."

With the second step, you will be installing the server that will take the music and forward it to TeamSpeak to play.

When installing Mopidy you need to do some extra steps.

To install Mopidy, add the archive's GPG key:

```
wget -q -O - http://apt.mopidy.com/mopidy.gpg | apt-key add -
```

Once that is done, the source needs to be added:

```
wget -q -O /etc/apt/sources.list.d/mopidy.list
http://apt.mopidy.com/mopidy.list
```

Once the source has been added to the sourcelist, you will need to update.

```
apt-get update
```

With the sources updated, Mopidy will now be able to install.

```
apt-get install mopidy
```

Once Mopidy is installed, you need to install the extension for Mopidy to communicate with Spotify and vice versa.

```
apt-get install mopidy-spotify
```

Now open the config with the nano text editor.

```
nano /root/.config/mopidy/mopidy.conf
```

With the config for Mopify open, change these sections of the config to match the settings shown here settings:

Note: Remember to remove the # before each line to un-comment.

```
[spotify]
enabled = true
username = (Spotify Username)
password = (Spotify Password)
bitrate = 160
timeout = 10
cache_dir = $XDG_CACHE_DIR/mopidy/spotify
settings_dir = $XDG_CONFIG_DIR/mopidy/spotify
```

```
[http]
enabled = true
hostname = 0.0.0.0
port = 6680
static_dir = /var/www/Mopify-master
zeroconf = Mopidy HTTP server on $hostname
```

Note: Remember to edit your config to everything in my code. Except for the (Spotify Username) and (Spotify Password)

Now, the web interface called Mopify is ready to be installed. First off, make a directory in /var/www/mopify

```
mkdir /var/www/mopify
```

Now that the directory has been made, you need to get the Mopify WebUI and extract it to /var/www/mopify

```
cd /var/www/Mopify-master
wget https://github.com/dirkgroenen/Mopify/archive/master.zip
unzip Mopify-master.zip
```

With the WebUI done you are almost there. Now we need to start Mopidy.

```
screen -d -m -S mopidy mopidy
```

Check if the Mopidy is working:

```
screen -r mopidy
```

Installing TeamSpeak:

Visit the TeamSpeak downloads and download the Client amd64 on the desktop of the Debian.

Install it like any other .run file.

Now connect to your TeamSpeak sever with the client.

Using Mopidy:

Visit http://MopidyServerIP:6680

Once it is loaded, you are free to use Mopidy to play music through your TeamSpeak!

Share

Posted in Debian Tutorials

Previous Post: Just Another Storm Gallery…

Next Post: Drones, Friends, and Guns

🖉 RECENT POSTS

- Chase Android Mobile App Creating WiFi Network Independently July 10, 2018
- Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 8 w/ GUI) [04/06/2016] April 6, 2016
- Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 7 w/ GUI) [05/30/2015][OUTDATED] May 30, 2015
- Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 7 w/ GUI) [11/03/2014] [OUTDATED] November 3, 2014

📁 CATEGORIES

- Debian Tutorials (3)
- Uncategorized (1)

ⓘ META

- Site Admin
- Log out
- Entries feed
- Comments feed
- WordPress.org

Copyright © 2022 Hayden Ivey. Powered by WordPress and Stargazer.