



## Hayden Ivey

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Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 8 w/ GUI) [04/06/2016]

# Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 8 w/ GUI) [04/06/2016]

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[👤 Hayden Ivey](#) [📅 April 6, 2016](#) [✎ Edit This](#)

**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.

**NOTE:** This seems like a yearly update I have to do since my old tutorials break. I will try my best to update often.

If you want to download a Pre-Built OVA, a VM with everything done for you, head to the bottom of the post.

## Prerequisites:

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

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## Installing Mopidy:

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*“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.

Like making an account.

```
# adduser <username> sudo
```

Log into the new account with the username and password you have created.

```
# login <username>
```

Once logged into the new account, add Mopidy's archive GPG key:

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

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

```
$ sudo wget -q -O /etc/apt/sources.list.d/mopidy.list  
https://apt.mopidy.com/jessie.list
```

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

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

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

```
$ sudo apt-get install mopidy
```

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

```
$ sudo apt-get install mopidy-spotify
```

Now open the config with the nano text editor.

```
$ sudo nano ~/.config/mopidy/mopidy.conf
```

With the config for Mopidy 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
volume_normalization = true
private_session = false
timeout = 10
allow_cache = true
allow_network = true
allow_playlists = true
search_album_count = 20
search_artist_count = 10
search_track_count = 50
#toplist_countries =
```

```
[http]
enabled = true
hostname = 0.0.0.0
port = 6680
#static_dir =
#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 Mopidy is ready to be installed. First off, we need to install Mopidy

```
$ sudo pip install Mopidy-Mopify
```

With Mopidy 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:

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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.

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## Using Mopidy:

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Visit <http://MopidyServerIP:6680>

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

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## ~~Downloading A PreBuilt Virtual Machine:~~

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~~First off you need to decide what Virtual Machine you have. If you are using Oracle VirtualBox, click [here](#). If you are using VMWare ESXi, click [here](#).~~

~~Once you have the VM downloaded, import it into the respected client or server and start it up.~~

~~For The VM, you just need to follow the directions for configuring Mopidy~~

~~TeamSpeak 3 Client is located in /home/mopidy-server/~~

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