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Create A Spotify Music Bot for Your TeamSpeak 3 Server (Debian 7 w/ GUI) [05/30/2015]
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[👤 Hayden Ivey](#) [📅 May 30, 2015](#) [✎ Edit This](#)

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HERE: <http://haydenivey.com/blog/?p=241>

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 pulseaudio 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.

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  
http://apt.mopidy.com/mopidy.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
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 =
#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, we need to install Mopify

```
$ 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:

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!



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