

Mopidy Installation

Reference - <https://www.makeuseof.com/turn-your-raspberry-pi-into-a-home-music-server-with-mopidy/>

To install the latest version of Mopidy and all its dependencies

```
wget -q -O - https://apt.mopidy.com/mopidy.gpg | sudo apt-key add -
sudo wget -q -O /etc/apt/sources.list.d/mopidy.list https://apt.mopidy.com/buster.list
sudo apt update
sudo apt install mopidy
```

To add the Mopidy user to the video group

```
sudo adduser mopidy video
```

To make Mopidy run as a background service upon boot

```
sudo systemctl enable mopidy
```

Configure the Mopidy Settings

```
sudo nano /etc/mopidy/mopidy.conf
```

At the bottom of the file, add the following lines:

```
[http]
hostname = 0.0.0.0
```

```
[audio]
output = alsasink device=hw:1,0
```

← To uses default 3.5 mm audio jack

For PIFI Dac / Hifiberry Dac Plus https://github.com/sdbabhishek/Raspbian_PIFI-HIFI-DAC-

Check Assigned audio Device

```
aplay -l
```

Access the Mopidy Web Interface

```
http://raspberrypi.local:6680
```

install a web client as a Mopidy extension

```
sudo python3 -m pip install Mopidy-Iris
```

To give the mopidy user sudo permission to run the Iris installer:

```
sudo sh -c 'echo "mopidy ALL=NOPASSWD: /usr/local/lib/python3.7/dist-packages/mopidy_iris/system.sh" >> /etc/sudoers'
```

Restart the Mopidy service

```
sudo systemctl restart mopidy
```

Accessing the web interface

```
http://raspberrypi.local:6680/iris/
```

Add Music to Mopidy

Install the Mopidy-Local extension to read local files

```
sudo python3 -m pip install Mopidy-Local
sudo nano /etc/mopidy/mopidy.conf
[local]
media_dir = /home/pi/Music # /media/usbdrive/Music
sudo systemctl restart mopidy
sudo mopidyctl local scan
```

Quick Help and FAQ

List of Services running

```
sudo mopidyctl config
```

Mopidy Config Edit or Add Addoms parameters

```
sudo nano /etc/mopidy/mopidy.conf
```

Edit main Mopidy Config

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

Restart Mopidy

```
sudo systemctl restart mopidy
```

List Errors for plugins

```
sudo journalctl -u mopidy
```

youtybe Mopidy

```
python3 -m pip install Mopidy-YouTube
```

```
python3 -m pip install https://github.com/natumbri/mopidy-youtube/archive/develop.zip
```

```
sudo apt-get install gstreamer1.0-plugins-bad
```

```
sudo nano /etc/mopidy/mopidy.conf
```

My Youtube

```
[youtube]
```

```
enabled = true
```

```
allow_cache = true
```

```
youtube_api_key = add your youtube api (do not use any special character like <>,'/)
```

```
api_enabled = true
```

For youtube fix

```
git clone git://github.com/psf/requests.git
```

```
cd requests
```

```
sudo pip3 install .
```

My Jellyfin config

```
[jellyfin]
```

```
hostname = http://192.168.0.104:8096
```

```
username = abhi
```

```
libraries = Music
```

```
watched_status = True
```

**Sample Jellyfin

```
[jellyfin]
```

```
hostname = http://192.168.0.200:8096
```

```
username = Matt
```

```
password = mysuperawesomeword
```

```
libraries = Music
```

```
watched_status = True
```

Addons Installation

Spotify

```
sudo python3 -m pip install Mopidy-Spotify
sudo nano /etc/mopidy/mopidy.conf
```

```
[spotify]
```

```
username = abcdef
```

```
password = abcd123
```

```
client_id = abcd1
```

```
client_secret = abcd123
```

```
sudo systemctl restart mopidy
```

Internet Radio

```
sudo python3 -m pip install Mopidy-TuneIn
sudo systemctl restart mopidy
```

Mopidy-Podcast

```
sudo python3 -m pip install Mopidy-Podcast
sudo systemctl restart mopidy
```

Jellyfin (Reference - <https://jellyfin.org/docs/general/clients/installing-mopidy.html>)

Mopidy Musicbox web client (Allows mopidy Music Box web client to locate Jellyfin server)

```
pip3 install --user mopidy-jellyfin
```

Below command will List Mopidy in Musicbox web client

```
pip3 install --user mopidy-mpd mopidy-musicbox-webclient
```

Jellyfin Cast (Allows Jellyfin Server to locate Mopidy)

```
sudo apt install mopidy mopidy-mpd gstreamer1.0-plugins-bad python3-pip
```

```
sudo pip3 install mopidy-jellyfin mopidy-musicbox-webclient
```

```
sudo nano /etc/mopidy/mopidy.conf
```

```
[jellyfin]
```

```
hostname = http://192.168.0.200:8096
```

```
username = Matt
```

```
password = mysuperawesomeword
```

```
libraries = Music
```

```
watched_status = True
```

```
sudo systemctl enable --now mopidy
```

To Upgrade Jellyfin

```
sudo pip3 install --upgrade mopidy-jellyfin
```