



LINUX MEDITATION

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JANUARY 23, 2017 BY MICHAEL ST. JOHN

Emby Media Server How-to

Hello my dear Linux Yogi's

I am going to illustrate for you how to install and configure an Emby Media Server. Emby is a very nice media server project with lots of features and it is possible to install it on a variety of platforms for example Linux, Window, Mac and various NAS devices and FreeBSD. Client for Emby are available on for example: AmazonFire, Android, Chrome, Roku, AppleTV, HTML5 and many more.

Emby also offers Premium feature for a licensing fee and it offers for example: MobileSync, CloudSync, CoverArt, FolderSync, CinemaMode, Backup and much more. I can everybody recommend to get the premium license.

Let's get started by adding the new repositories to the system. Depending on your OS you might want to look here <https://goo.gl/fUXoRi> for the full list. I am going to install it on a

Ubuntu 14.04 Server Edition. If you are not sure which version you are running you can simply execute the following command:

```
lsb_release -rc
```

and it should return something similar like this:

```
Release: 16.04
Codename: xenial
```

or you can also execute this command:

```
cat /etc/lsb-release
```

which returns something like the following:

```
DISTRIB_ID=Ubuntu
DISTRIB_RELEASE=16.04
DISTRIB_CODENAME=xenial
DISTRIB_DESCRIPTION="Ubuntu 16.04.1 LTS"
```

Ok in order to add the new repositories to our distribution we need to execute the following command:

```
sudo sh -c "echo 'deb http://download.opensuse.org/repositories/home:/emby/xUbuntu_16.04/Release' > /etc/apt/sources.list.d/emby.list"
```

now before we can actually update our repositories we need to add the GPG key. Execute the following commands.

```
wget http://download.opensuse.org/repositories/home:/emby/xUbuntu_16.04/Release.gpg
```

```
sudo apt-key add - < Release.key
```

Now we are able to update our repositories.

```
sudo apt-get update  
sudo apt-get install emby-server ffmpeg
```

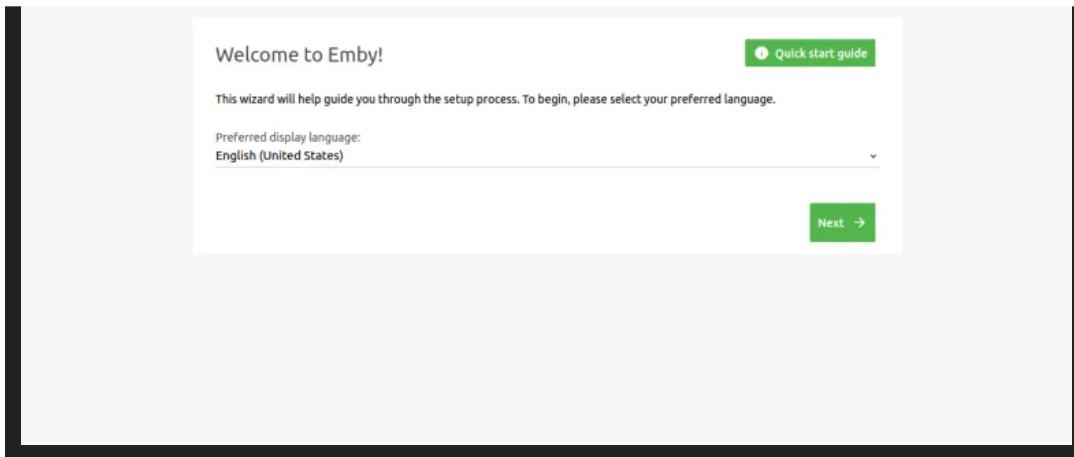
There might be quite a few additional packages needed to be installed and the installer will ask you if you want to continue? Hit “y” to continue. You might also be asked the following question: “Install these packages without verification? [y/N]” also here again hit “y” to continue. The installation will take a moment so be patient. After the installation is done you can use the following commands:

```
# Start the Emby Server #  
sudo service emby-server start  
  
# Stop the Emby Server #  
sudo service emby-server stop  
  
# Restart the Emby Server #  
sudo service emby-server restart  
  
# Look up the status of the Emby server #  
sudo service emby-server status
```

When the Server is running you can use your browser and access it with the following URL:

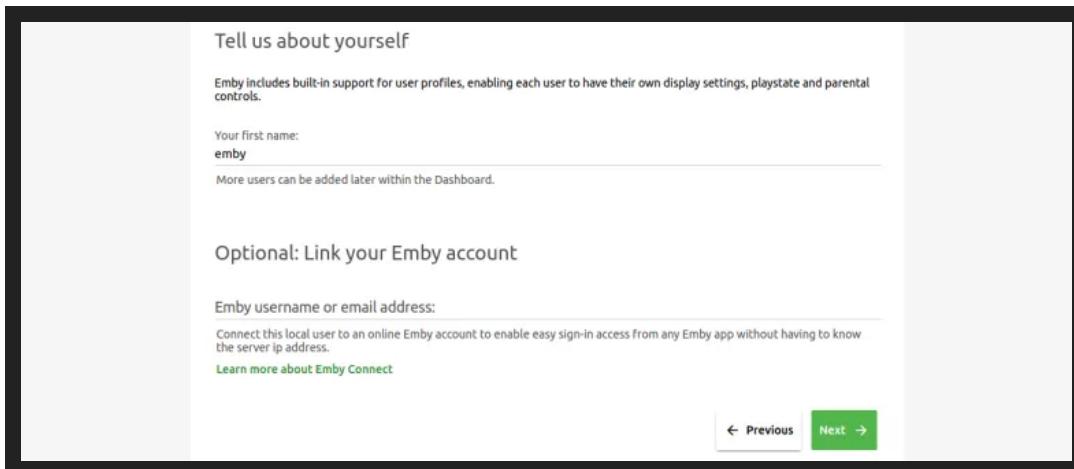
```
http://<your servers ip address>:8096
```

and then you should see something like this.



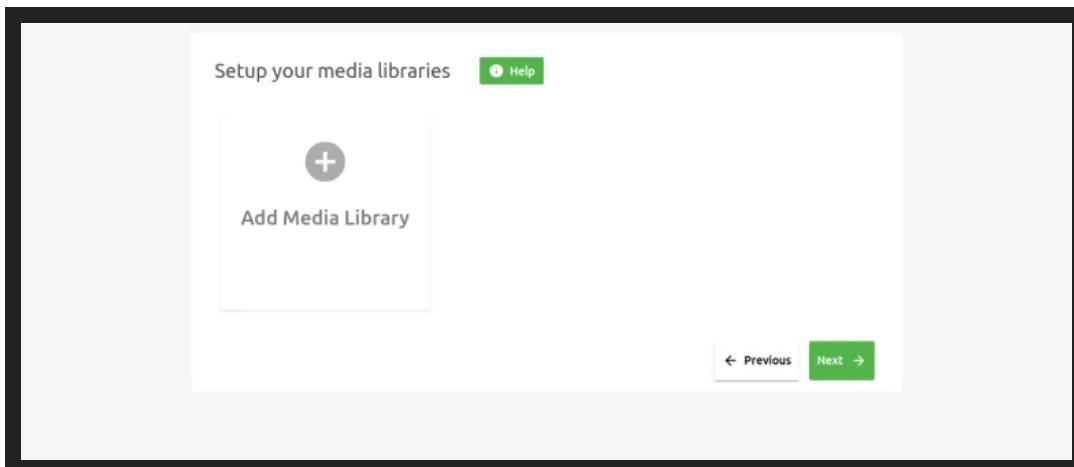
Welcome to Emby

I recommend that you read the “Quick start guide” before you start. After you’ve done it pick your language and click on “Next”



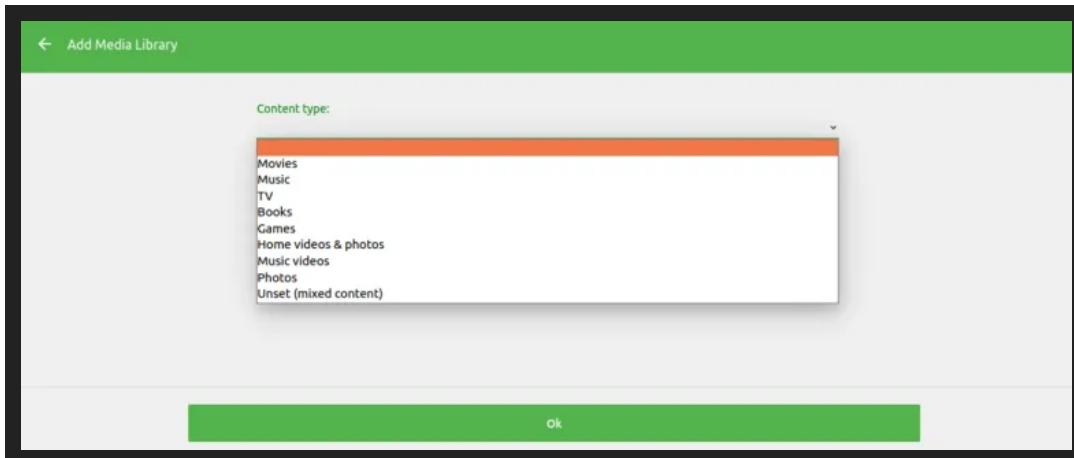
Tell us about yourself

Enter a Name and if you like to make use of the online sync functions you need to set up an Emby Account. Please read the “Learn more about Emby Connect”. Click on “Next”



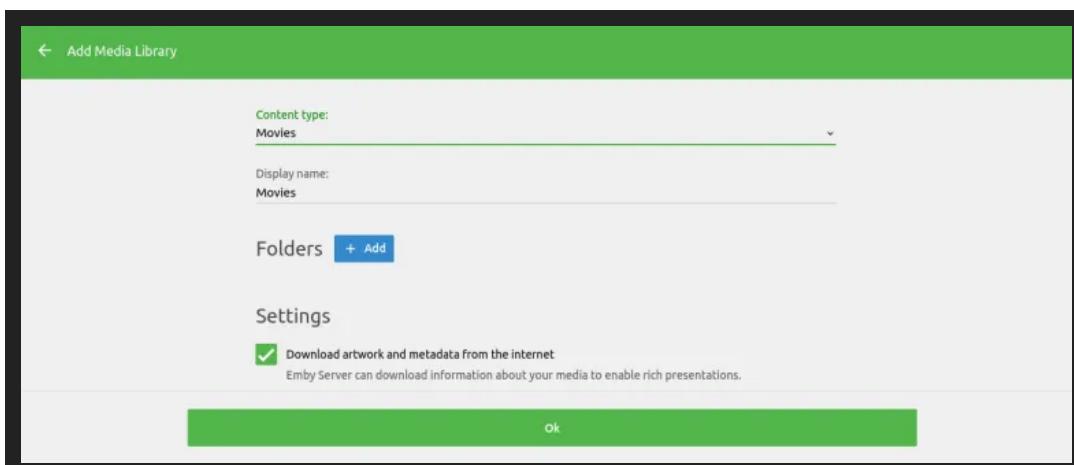
Setup your media libraries

Now the setup like you to add at least one Library location. Click on “Add Media Library”



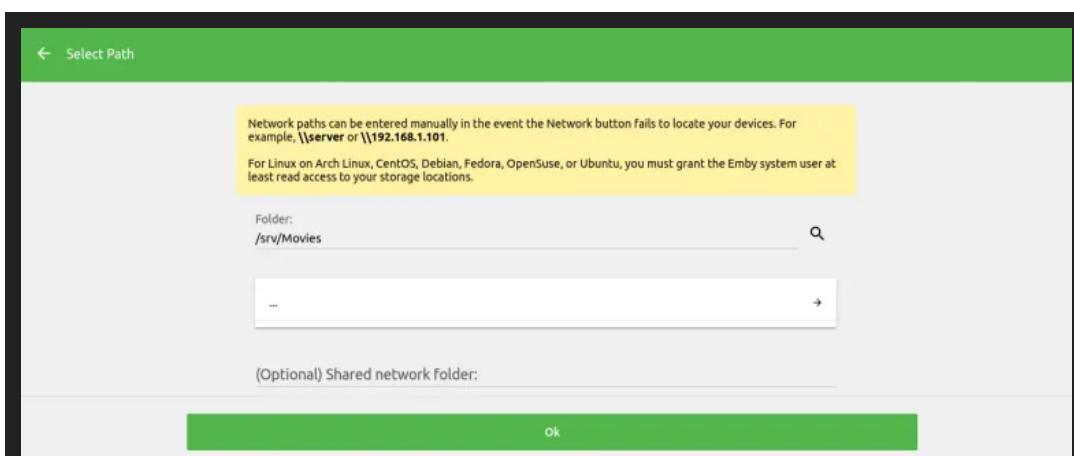
Add Media Library

Select a Content Type from the List.



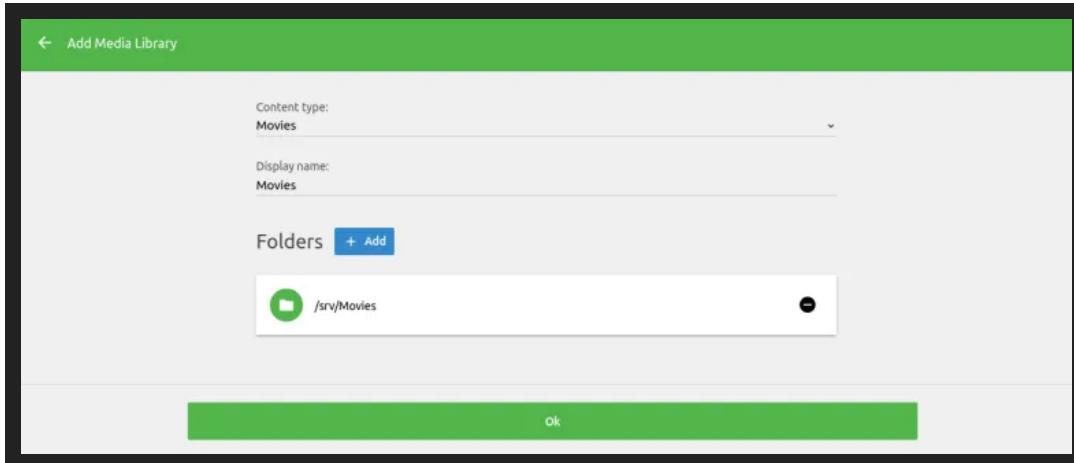
Add folder to media library

Click on the “Add” button to add a media location.



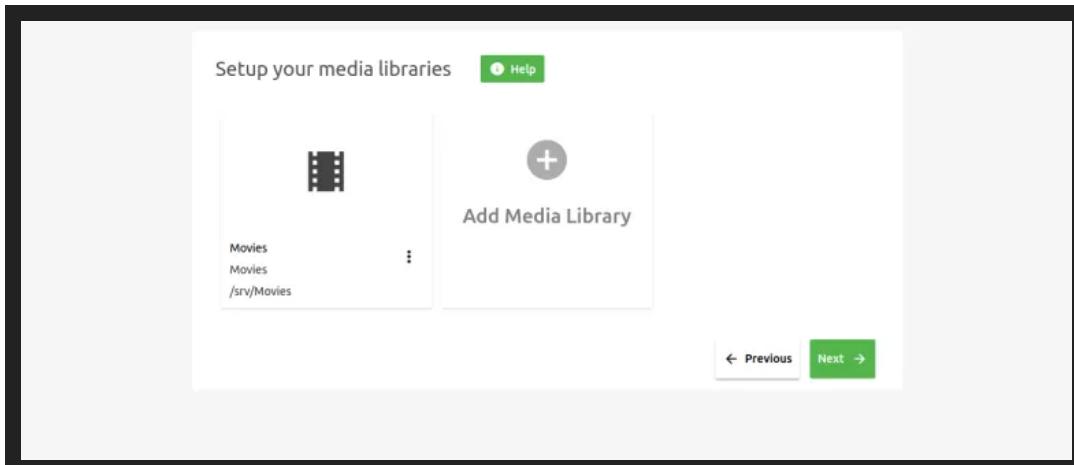
selected folder

You can use local or networked locations. Enter the ones you need.



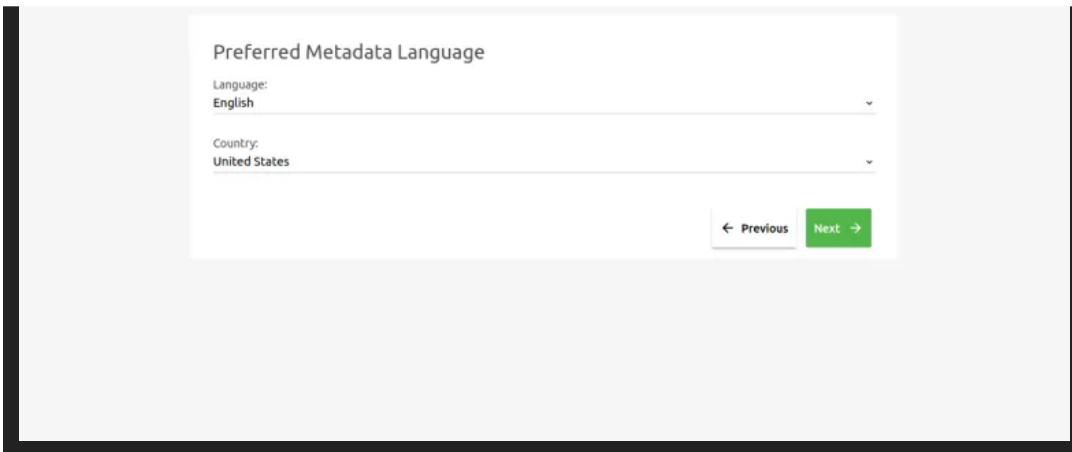
Added Content Type and folder

Verify that all looks correct and then click on “OK”



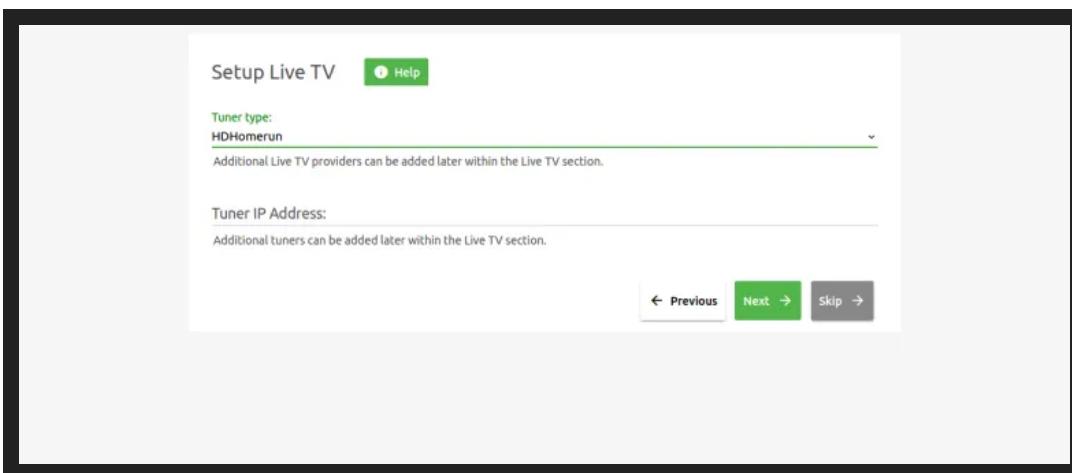
verify media libraries

Either you repeat this process for adding additional media resources or click on “Next”



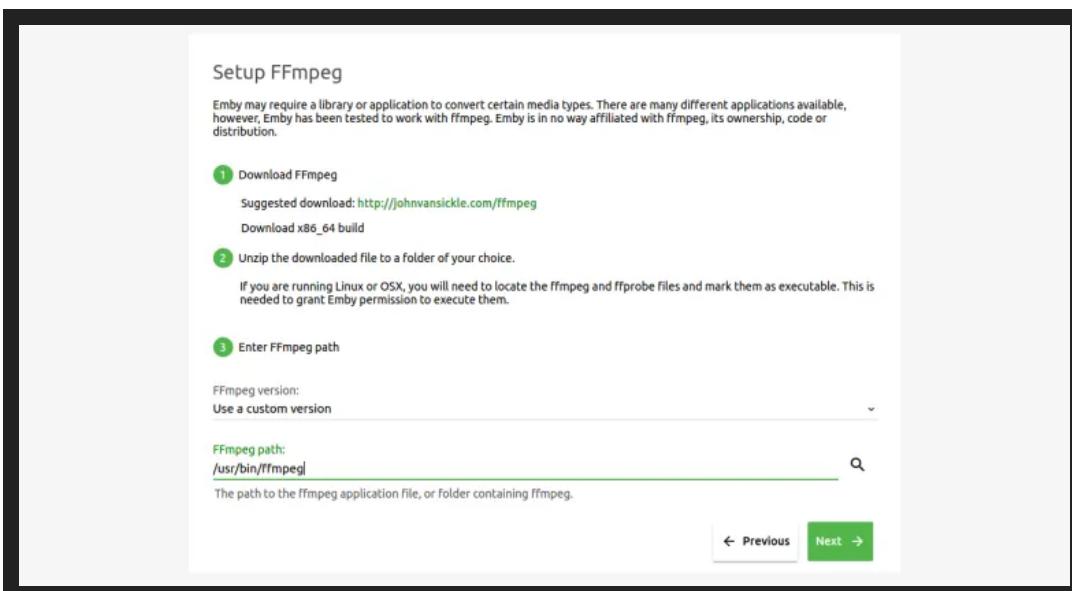
Preferred Metadata Language

Select you preferred metadata language and click on “Next”



Setup Live TV

Here you can pick a online live tv provider or skip it all together. Make you pick.

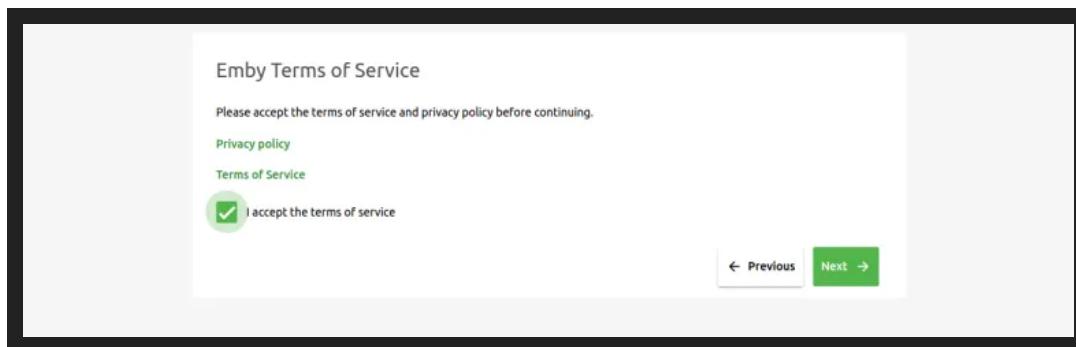


```
setup ffmpeg
```

On this screen we need to specify the location of the ffmpeg location. Select “Use a custom version” if it is not detecting it automatically and enter the correct path for ffmpeg. If you don’t know the path go to the terminal on the emby server and run the following command:

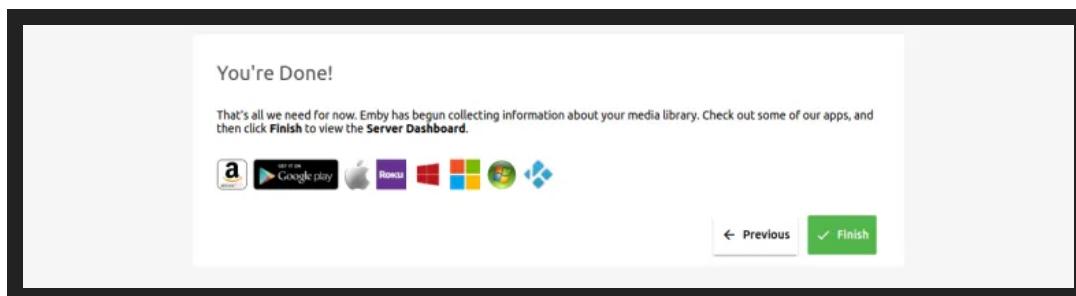
```
whereis ffmpeg
```

this should tell you the location. In my case it is located under /usr/bin/ffmpeg



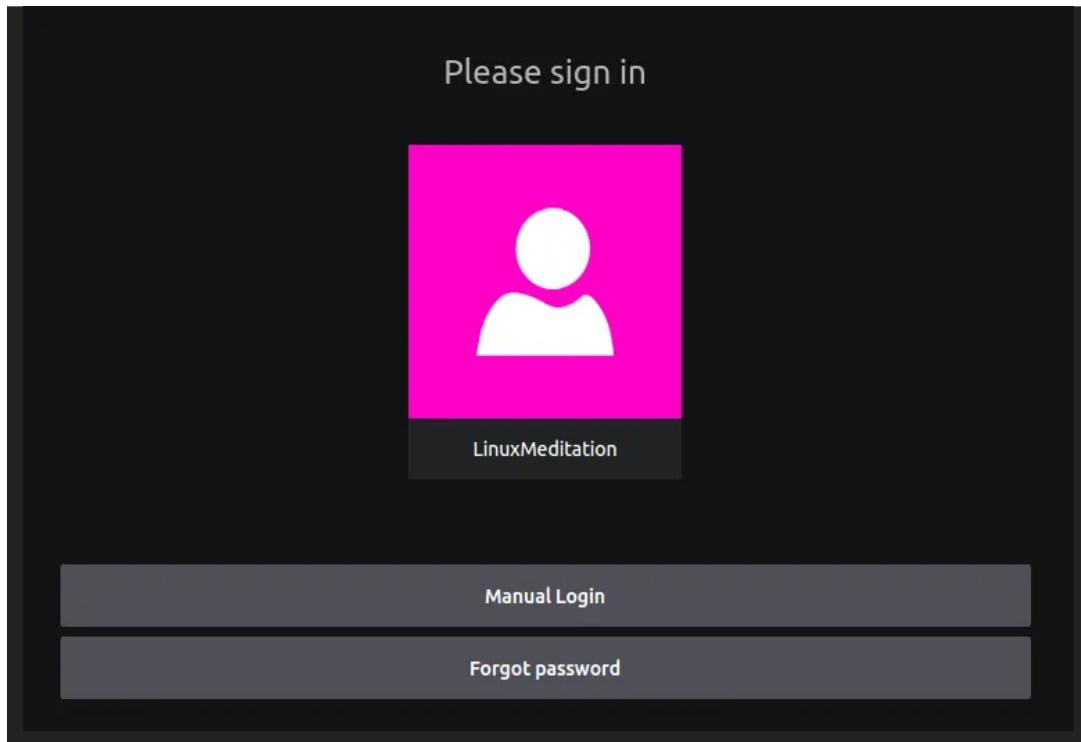
Emby Terms of Service

Check the “I accept the terms of service” box after reading the terms and click on “Next”



You're done!

Now we are done. Click on the “Finish” button.



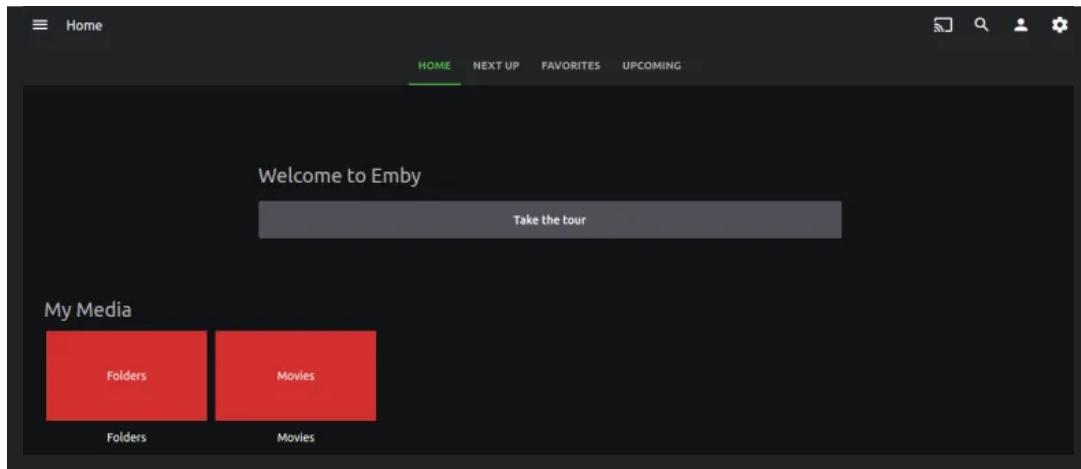
Sign in

Click on your User Account

The image shows the Emby Server Dashboard. On the left is a sidebar with a green header tab labeled "Dashboard". Other tabs include "Server", "Library", and "Extras". Under "Server", options like "Settings", "Devices", "Users", and "Emby Premiere" are listed. Under "Library", "Metadata", "Subtitles", "Playback", "Sync", and "Transcoding" are listed. Under "Extras", "Auto-Organize", "DLNA", and "Live TV" are listed. The main content area has a green header bar with the text "Welcome to the Emby Server Dashboard" and a "Take the tour" button. Below this is a card for the user "ubuntuserver" showing "Version 3.1.2.0", "Emby Server is up to date", and connection details for LAN and WAN. It also has "Restart" and "Shutdown" buttons. At the bottom of the main content area, there is a section titled "Active Devices".

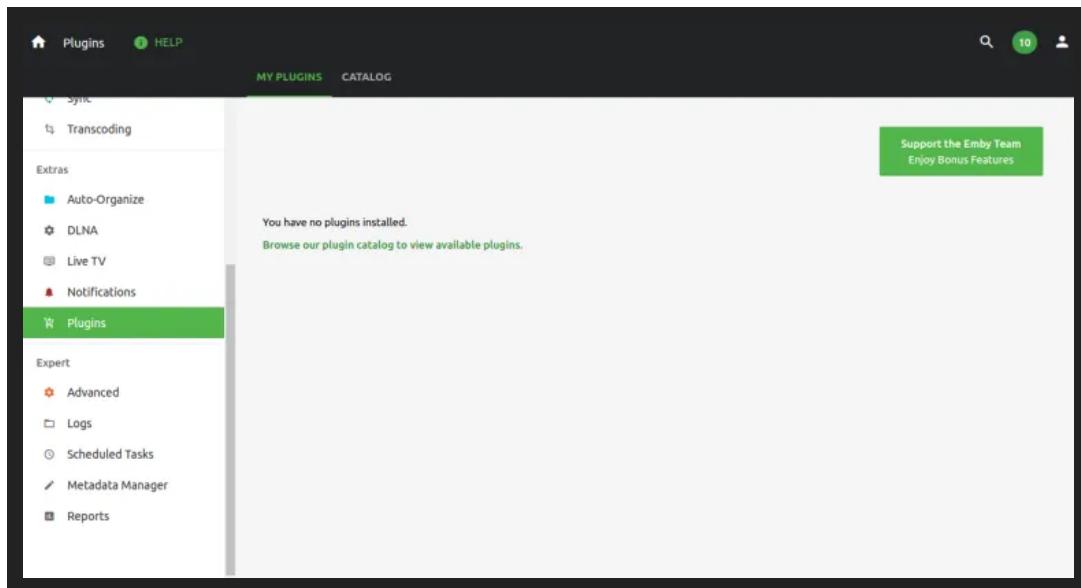
Emby Dashboard

After the login the system shows you the back-end with all its settings. Click on the little House Icon in the top left corner.



Home Screen

Here it is displaying the Home Screen. On this Home Screen you will see your movies, music, pictures or other stuff you uploaded. Click on the little Gear icon in the top right corner to get back to the back-end.



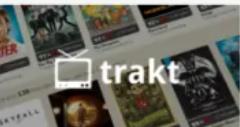
Adding Plugins

Scroll further down until you see the “Plugins” option in the left pane. Below you can see all available plugins. Keep scrolling down.

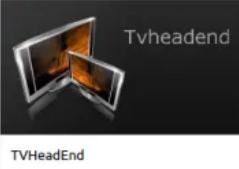
Support the Emby Team
Enjoy Bonus Features

Display plugins for:
Server Display adult content

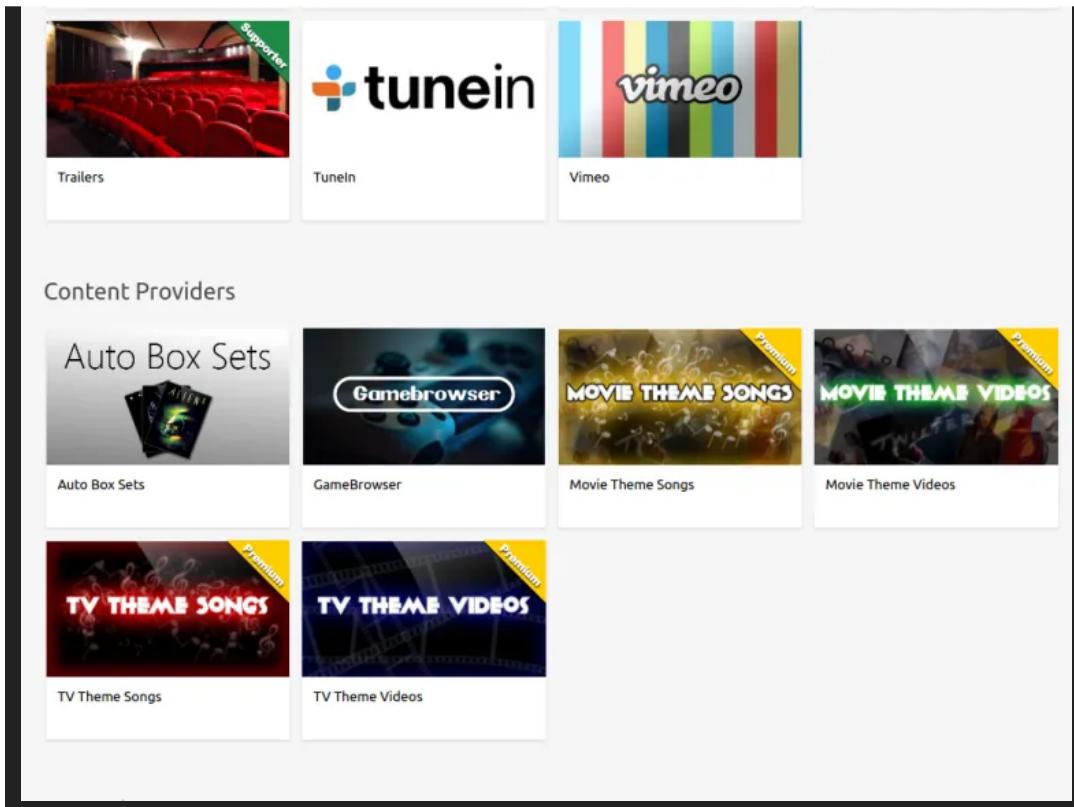
Top Plugins

 Auto Box Sets	 Emby.Kodi Sync Queue	 Trailers	 CoverArt
 IPTV	 Rotten Tomatoes Reviews	 Server Configuration Backup	 Trakt

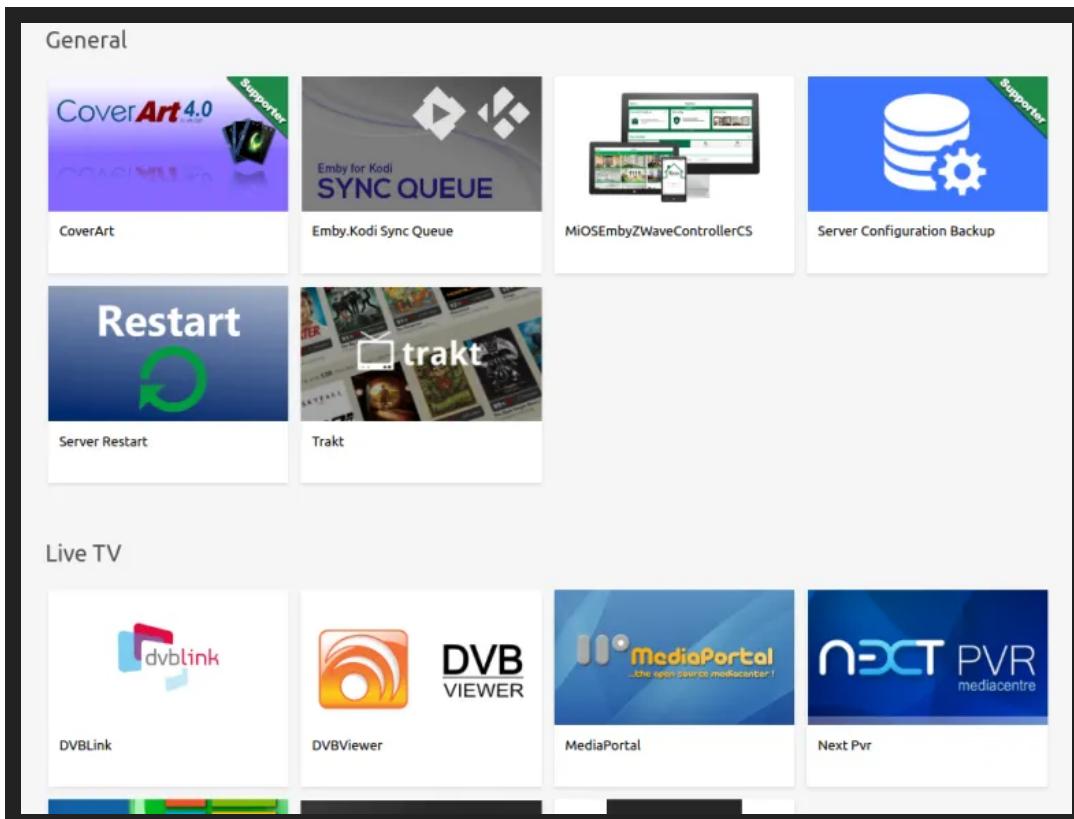
Plugins 1 of 7

 ServerWMC	 Next Pvr	 Tvheadend	 TuneIn
<h3>Channels</h3>			
 BlurN	 ICI Tou.tv	 IPTV	 Jupiter Broadcasting
 PlayOn	 Podcasts	 Revision3	 TWiT
 Trailers	.	.	.

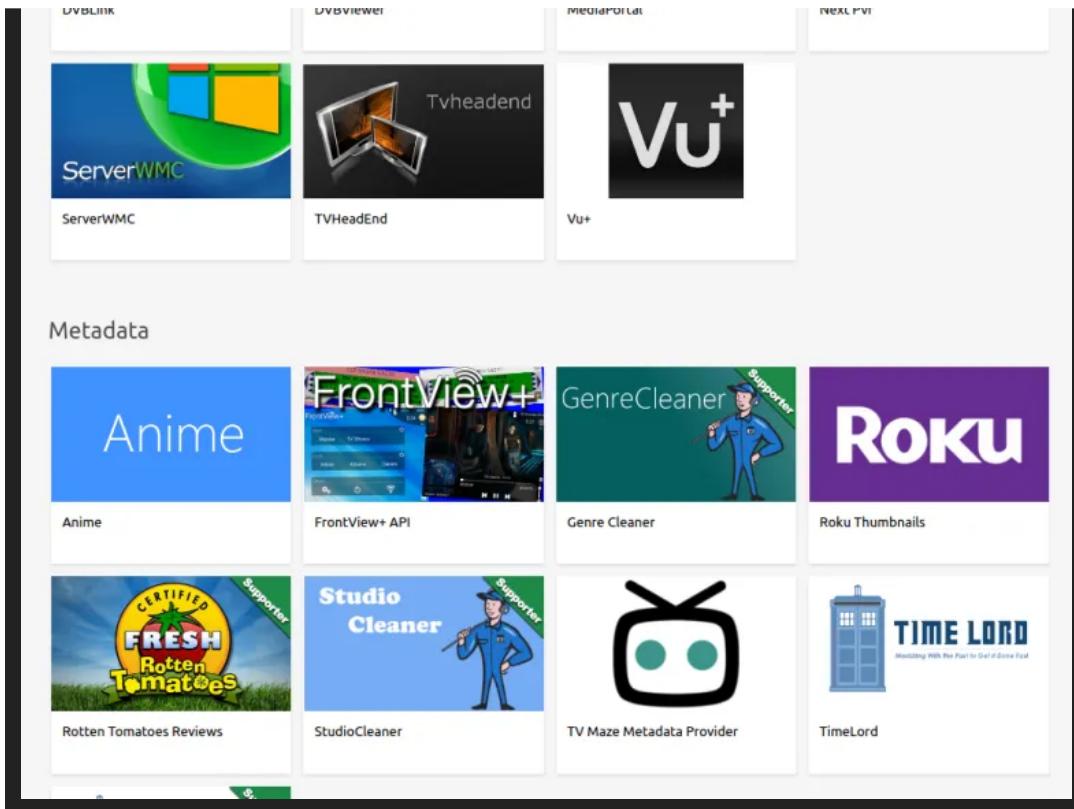
Plugins 2 of 7



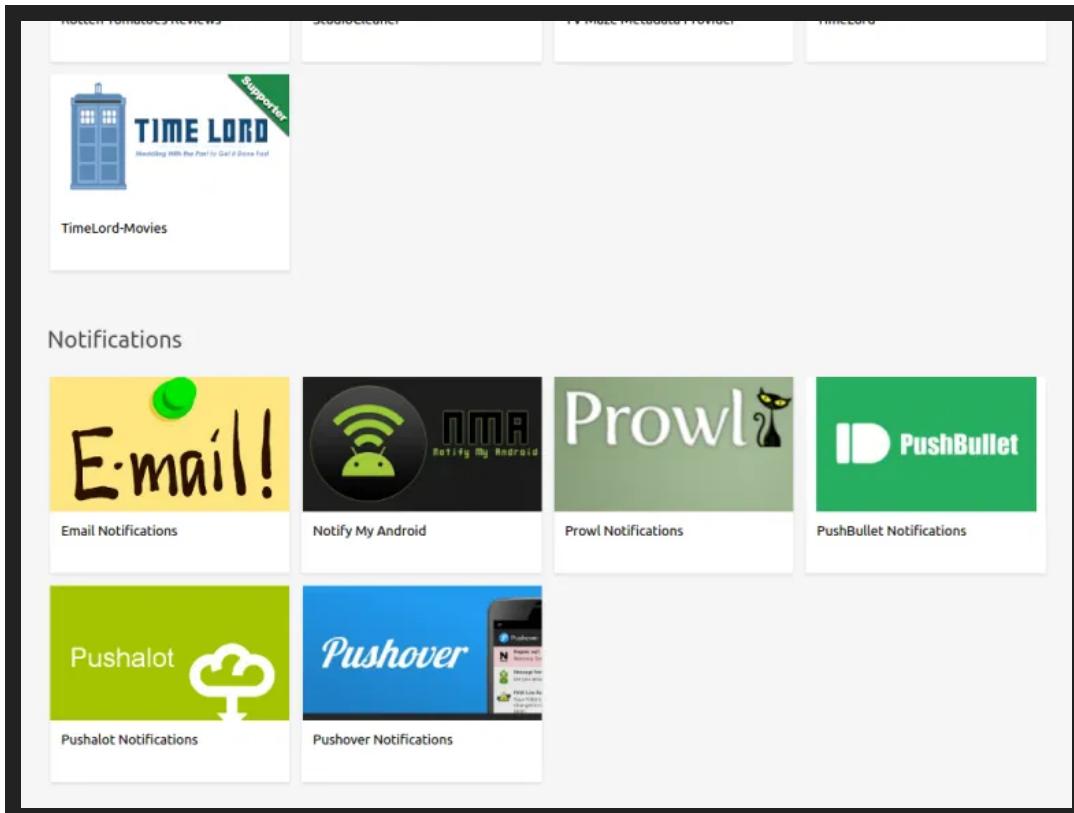
Plugins 3 of 7



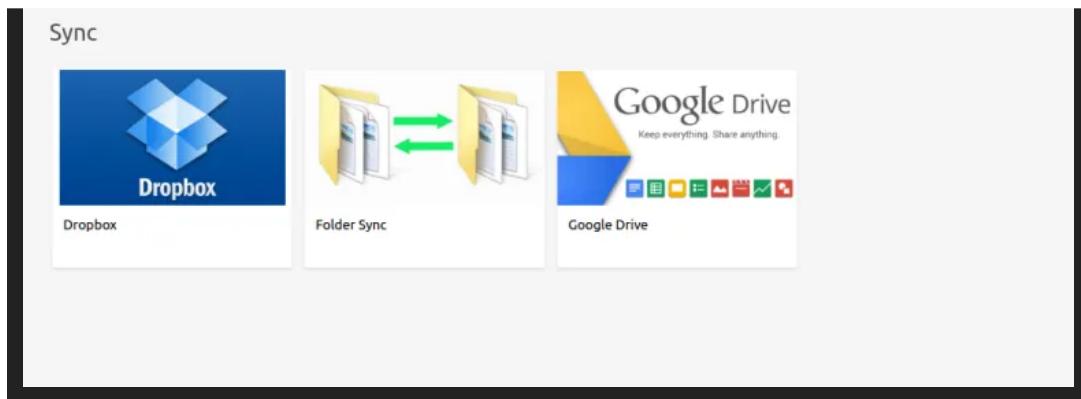
Plugins 4 of 7



Plugins 5 of 7



Plugins 6 of 7



Plugins 7 of 7

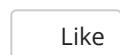
The Emby server has tons of settings and configuration option. The best thing from here on is to look around and read the help function to figure out if certain option apply to you or not.

I hope that this illustration for helpful and got you started with Emby Media Server. I recommend to purchase a Premium License for the additional feature like mobile clients for you phone or table.

If you have any question feel free you contact me! I'll be happy to help out. Leave a comment and register to the forum.

Until next time my friends Namaste! 😊

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