

My Single Live TV Android App

Overview

My Single Live TV is Android Mobile Application which run the online streaming Vide. You can watch any Live HTTP Video Streaming URL which can easily run under your Android devices. This Streaming application runs this formats(.mp38, mp4, YouTube Video, Embedded Video). We can handle only single live channel or YouTube link or embedded link from admin panel(PHP code) and that will show into Android application. Here were giving two links options, if any one of link is broken then user can play another link from android app easily.

Installation

Required Software:

- Android Studio
- Java
- PHP >= 5.6
- MYSQL

Project Setup

Let we setup the project and we will go through step by step.

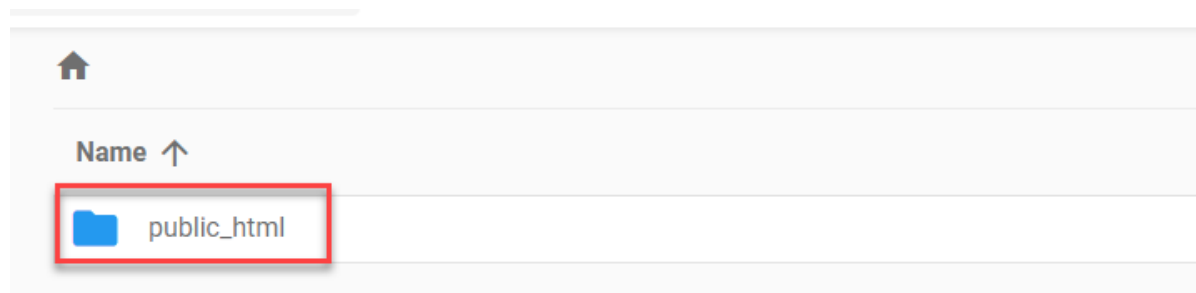
Latest Android Studio version is recommended, which can be downloaded from here: <https://developer.android.com/studio?hl=es>

Step 1

Open your cPanel to upload the admin panel source code. It might looks like this (<http://yourdomain.com/cpanel>) - Some network provider have different link. So just ask your provider for cPanel link and credential. Now, login in your domain with cPanel credential.

Step 2

Open 'File Manager' and choose the 'public_html' folder option from cPanel



Step 3

Its open root directory. Just select this folder : 'public_html' and paste the Admin Panel code as below.

api	—
assets	—
db	—
includes	—
templates	—
upload	—
.gitignore	674 B
add_notification.php	1.3 KB
add_user.php	218 B
admin.php	217 B
category.php	229 B
change_api_key.php	5.51 KB
channel.php	220 B
dashboard.php	4.62 KB
default.php	10.43 KB
delete_channel.php	211 B
delete_user.php	189 B
edit_channel.php	360 B
edit_notification.php	234 B
edit_user.php	221 B
index.php	3.08 KB
logout.php	135 B
notification.php	232 B

Extract Admin Panel files here.

Path: /public_html/{EXTRACT_HERE}

Step 4

Open 'MySQL Databases' Option to create new DB. Select appropriate database name, username, password

+ Create a New MySQL Database And Database User

MySQL database name 1

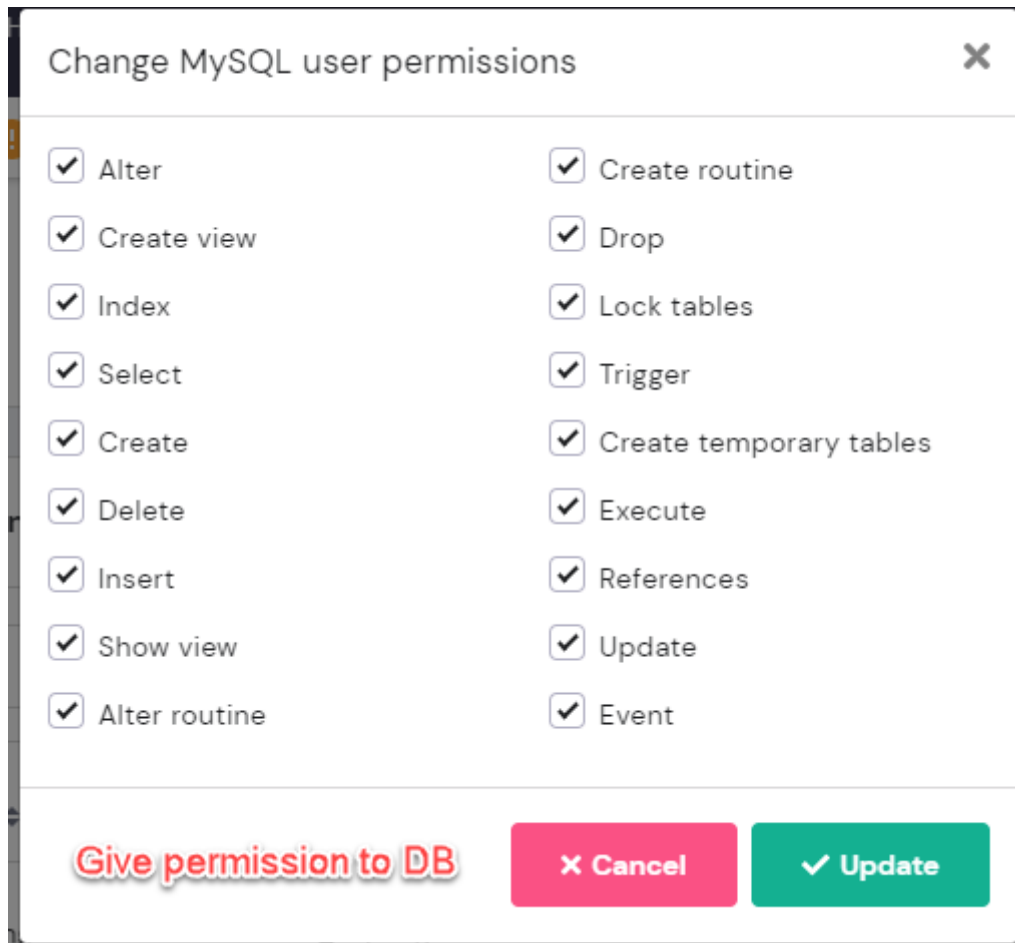
MySQL username 2

Password 3

✓ Create 4

Step 5

It show below screen and select all option to grant privileges for that database and user.



Change MySQL user permissions

<input checked="" type="checkbox"/> Alter	<input checked="" type="checkbox"/> Create routine
<input checked="" type="checkbox"/> Create view	<input checked="" type="checkbox"/> Drop
<input checked="" type="checkbox"/> Index	<input checked="" type="checkbox"/> Lock tables
<input checked="" type="checkbox"/> Select	<input checked="" type="checkbox"/> Trigger
<input checked="" type="checkbox"/> Create	<input checked="" type="checkbox"/> Create temporary tables
<input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> Execute
<input checked="" type="checkbox"/> Insert	<input checked="" type="checkbox"/> References
<input checked="" type="checkbox"/> Show view	<input checked="" type="checkbox"/> Update
<input checked="" type="checkbox"/> Alter routine	<input checked="" type="checkbox"/> Event

Give permission to DB

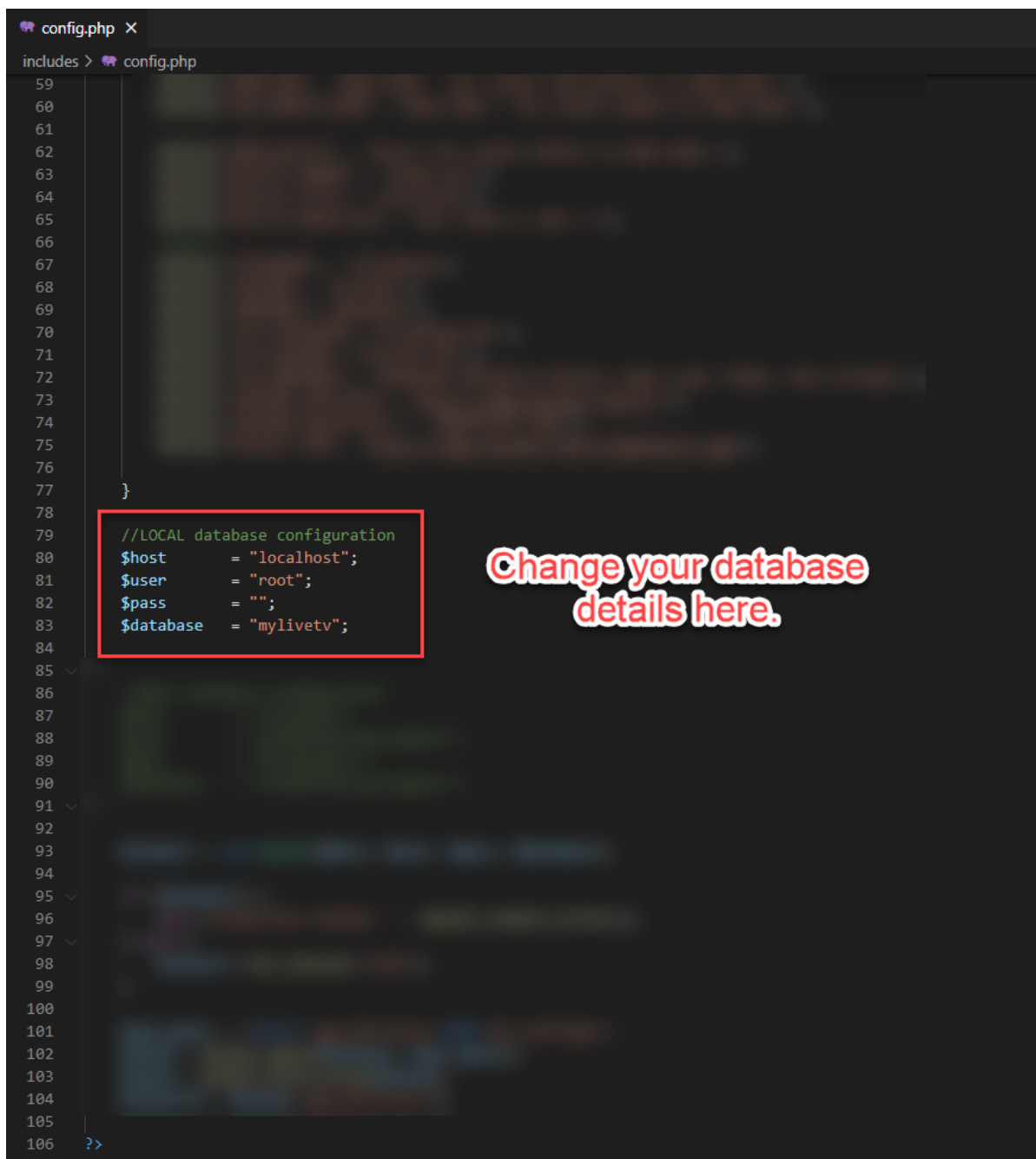
Step 6

Open 'phpmyadmin' database for upload sql script.

The screenshot shows the phpMyAdmin interface for the 'mysingletv' database. The left sidebar (1) shows the database structure. The main area is titled 'Importing into the database "mysingletv"' (2). Under 'File to import:', there is a 'Choose file' button (3) and a text box for the file name. A red note 'Upload .sql file from given script' points to the file selection area. The 'Character set of the file:' is set to 'utf-8'. Under 'Partial import:', the checkbox 'Allow the interruption of an import...' is checked. Under 'Other options:', the checkbox 'Enable foreign key checks' is checked. The 'Format:' is set to 'SQL'. Under 'Format-specific options:', the 'SQL compatibility mode:' is set to 'NONE' and the checkbox 'Do not use AUTO_INCREMENT for zero values' is checked. A 'Go' button (4) is at the bottom left.

Step 7

Now go to /public_html/includes/ and open **config.php** and set your database username, password and database name



```
config.php X
includes > config.php
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77 }
78
79 //LOCAL database configuration
80 $host      = "localhost";
81 $user      = "root";
82 $pass      = "";
83 $database  = "mylivetv";
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106 ?>
```

Change your database details here.

Step 8

Now open Android project and open **build.gradle** file and replace same Key from Admin panel under Setting menu => Notification Settings.

```

build.gradle (.app) x
1 plugins {
2     id 'com.android.application'
3     id 'com.google.gms.google-services' // Google Services plugin
4 }
5
6 android {
7     compileSdkVersion _compileSdkVersion
8
9     defaultConfig {
10        applicationId "com.bytesbee.mysinglelivechannel"
11        minSdkVersion _minSdkVersion
12        targetSdkVersion _targetSdkVersion
13        versionCode 1
14        versionName "1.0"
15        ndk {
16            abiFilters "armeabi-v7a", "x86"
17        }
18
19        //Admin Panel URL & Key
20        resValue 'string', "api_url", "http://mysingletv.bytesbee.com"
21        resValue 'string', "api_key", "bb" B"
22    }
23
24    buildTypes {
25        release {
26            minifyEnabled false
27            proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
28        }
29    }
30
31    compileOptions {
32        sourceCompatibility JavaVersion.VERSION_1_8
33        targetCompatibility JavaVersion.VERSION_1_8

```

Put your domain name

Copy API from admin panel -> Settings -> Notification Settings

Step 9

Copy this API key and paste into Step 8.

My Single Live Tv

admin (bytesbee@gmail.com)

Dashboard

Live Channel

Push Notification

Users

Settings

Logout

Settings

Dashboard / Settings

App Settings

Auto Update

Admob Settings

Notification Settings

Privacy Policy

Your Server Key

How to obtain your FCM Server Key

FCM Server Key

A

S

Your API Key

Where I have to put my API Key

API Key :

bb

B

CHANGE API

Developer Key (YouTube)

Register New Key - Click Here

Developer Key :

SAVE SETTINGS

Version 1.0

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Developed by: BytesBee

Step 10

Now you are good to go. Just open your domain name where you uploaded Admin Panel script and enter Admin Credential if not there:

Username: admin

Password: admin

Below steps only for those who uses VPS server, Digital Ocean Droplets or any Ubuntu server that will not able to run the Android app or Admin Panel. Because this server uses Apache as server. All those people follow below steps.

Step 14

Enable HTACCESS Support on Apache server

Open Terminal and go to this folder: **/etc/apache2/apache2.conf**

Old code in `/etc/apache2/apache2.conf`

```
<Directory /var/www/>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>
```

Change in to this

```
<Directory /var/www/>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

Run to Below command line to Enable the Mod_rewrite for Apache

```
sudo a2enmod rewrite
```

After activating the Mod_rewrite restart the apache server

```
sudo systemctl restart apache2
```

It's work fine now.

Step 15

After you can trying to creating new Category or Channel from Admin Panel, and if you are not able to upload the image on server then & then apply below command from Terminal.

```
sudo chown -R www-data var/www/
```

For your reference you can follow this links too.

- <https://santhoshveer.com/enable-htaccess-support-on-apache-server/>
- <https://stackoverflow.com/a/48051953>
- <https://askubuntu.com/a/1088196>

Thanks for purchasing. Hope you like it! If you like it, please don't forget to give your valuable feedback and star rating for this script.

Have a great day!

BytesBee