

Stream Radio

Video tutorial:

<http://youtu.be/8p348t4xmis>

Document tutorial:

Step 1: Setup Project

- Extend the „Stream Radio.zip” to your desktop.
- Import „Stream Radio” folder to Android Studio.
- Rename the package name
„com.example.mark.streamradio” to your package name.
(for example: com.example.test.myradio). If you can't
rename the package, please watch my youtube tutorial.

Setup 2: Create AdMob account

- Go to <http://www.google.com/ads/admob/>
- Sign up with your gmail account.
- Register the new application, and you get ID. Similar than
this („ca-app-pub6724609620092206/8406682772”).
- Now change the basic code in the application.



- If you don't want use the AdMob, you change the „admob_true_or_false” variable to false.

Setup 3: Configure Project

- Go to res/values/strings.xml. You can edit some information. For example the application name.

```
<string name="app_name">Stream Radio</string>
<string name="welcome_big">Hello!</string>
<string name="welcome_small">I am a Stream Radio.</string>
<string name="delete_dialog_title">Delete Radio</string>
<string name="delete_dialog_message">Do you want delete this station?</string>
<string name="dialog_cancel">Cancel</string>
<string name="dialog_delete">Delete</string>
<string name="connection_error_dialog_title">Connection Error</string>
<string name="connection_error_dialog_message">No Internet connection. Please check your connection and try again.</string>
<string name="connection_error_dialog_button">Retry</string>
<string name="admob_id">ca-app-pub-6724609620092206/8406682772</string>
<string name="admob_true_or_false">true</string>
```

- But If you want change elements sizes, you search this file.
res/values/dimens.xml

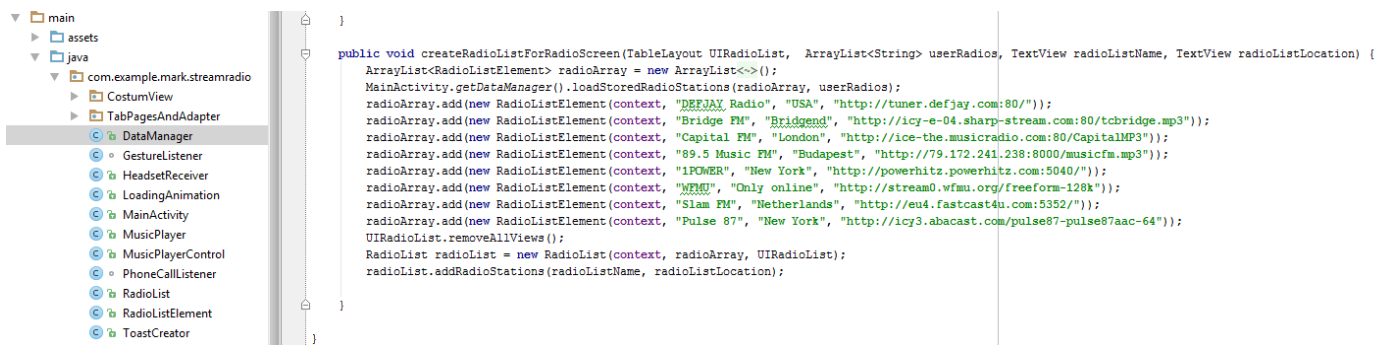
```

<dimen name="radio_title">25dp</dimen>
<dimen name="radio_list_name_and_from">18dp</dimen>
<dimen name="radio_list_margin">20dp</dimen>
<dimen name="radio_list_isplay_margin">7dp</dimen>
<dimen name="radio_list_isplay_size">27dp</dimen>
<dimen name="radio_bufferindicator_width">14dp</dimen>
<dimen name="radio_main_name">50dp</dimen>
<dimen name="radio_main_from">26dp</dimen>
<dimen name="dialog_title">30dp</dimen>
<dimen name="dialog_text">20dp</dimen>

```

Setup 4: Add and Remove default radio stations

- You can modify radio station list with a code.
- Open the „DataManager” file in the project, and find the radio station definitions. (bottom of the page).



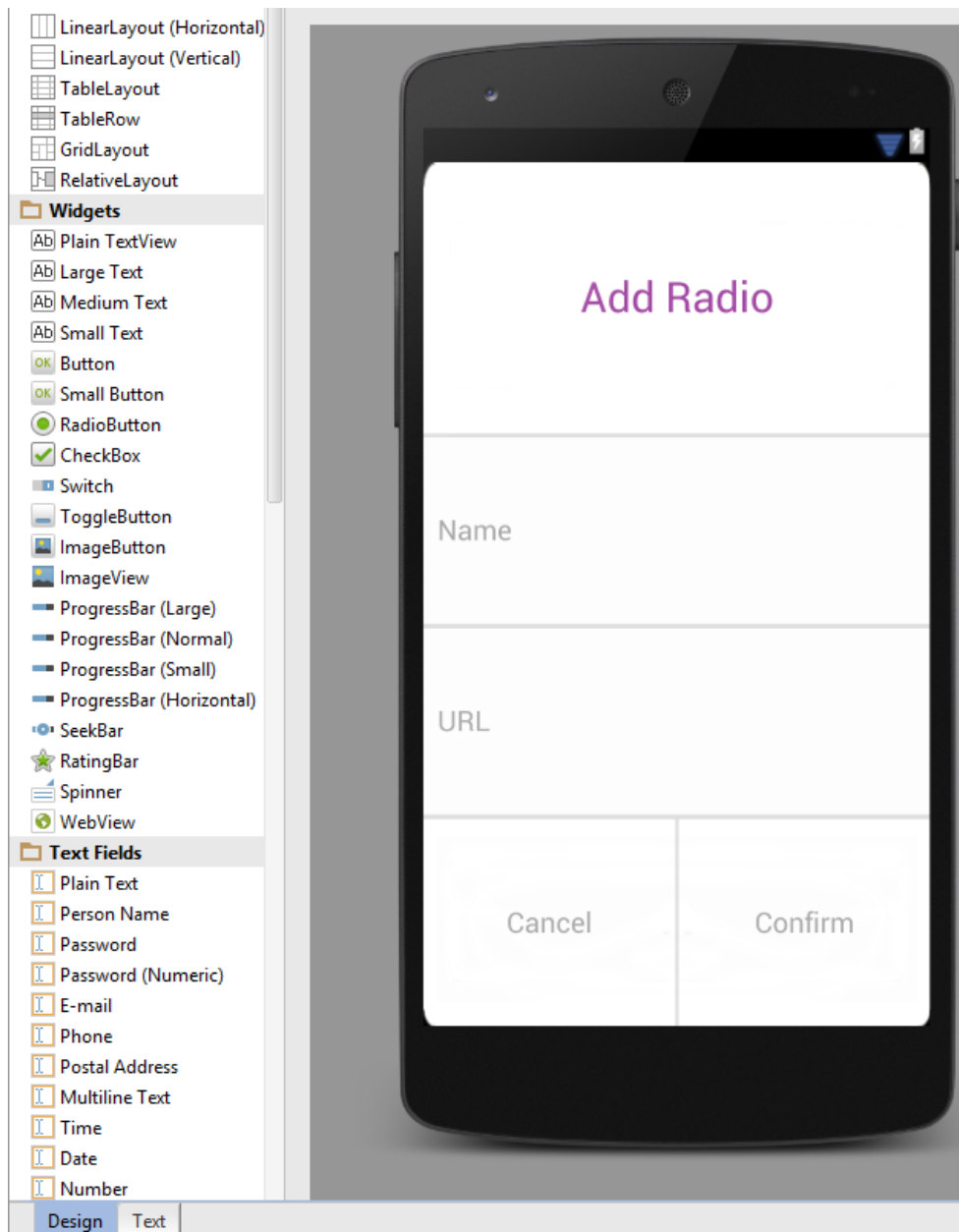
- You can change easily the radio stations structure.
- Please not use .pls and .m3u url (file) in the code. View the video tutorial for the solution.

Setup 5: Modify Design

- res/xhdpi - animated wallpaper image parts
- res/hdpi – other image components
- If you want change design, you replace the default images of similar size images.

Setup 6: Modify Design II.

- If you want radical change on the design, search the res/layout folder. You can find some layout (.xml) file.
- You can change it the basic Graphical User Interface.
- In the Android Studio you can use text and design mode for editing.



Setup 7: After the setup

- After setting up project done, you can run and install application.
- If you have any problem about this project. Please send email to me.

Best regards, Mark Bus

mark.bus.it@gmail.com