1. Debugowanie USB

* Konfiguracja telefonu:
* Ustawienia->Opcje programistyczne->Debugowanie USB

2 metoda:

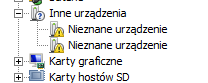
Informacje o urządzeniu->numer wersji->energicznie naciskaj 5-10 razy

Włączą się Opcje programisty->ustaw Debugowanie USB

Probelmy, które mogą się pojawić:

- Android Studio nie wykrywa urządzenia.

Wejść w Menedżer urządzeń:

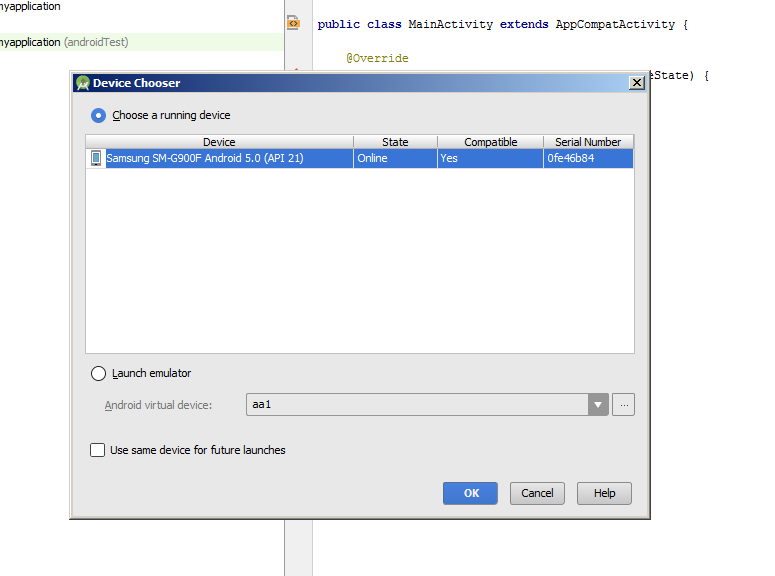


- ściągnąć aktualne sterowniki

http://developer.samsung.com/technical-doc/view.do?v=T000000117

http://www.samsung.com/us/support/downloads

Podczas uruchamiania programu w Android Studio:



2. Aplikacja używająca dostępu do dzwonka

- **MainActivity**

package pl.michalkruk.myapplication;

import android.app.Activity;

import android.content.Context;

import android.media.AudioManager;

import android.media.MediaPlayer;

import android.media.MediaRecorder;

import android.os.Bundle;

import android.os.Environment;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.view.animation.Animation;

import android.view.animation.AnimationUtils;

import android.widget.Button;

import android.widget.ImageView;

import android.widget.Toast;

import java.io.IOException;

public class MainActivity extends Activity {

Button mode,ring,vibrate,silent;

private AudioManager myAudioManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

vibrate=(Button)findViewById(R.id.button3);

ring=(Button)findViewById(R.id.button2);

mode=(Button)findViewById(R.id.button);

silent=(Button)findViewById(R.id.button4);

myAudioManager = (AudioManager)getSystemService(Context.AUDIO\_SERVICE);

vibrate.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

myAudioManager.setRingerMode(AudioManager.RINGER\_MODE\_VIBRATE);

Toast.makeText(MainActivity.this,"Tryb wibracji",Toast.LENGTH\_LONG).show();

}

});

ring.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

myAudioManager.setRingerMode(AudioManager.RINGER\_MODE\_NORMAL);

Toast.makeText(MainActivity.this,"Tryb dzwonienia",Toast.LENGTH\_LONG).show();

}

});

silent.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

myAudioManager.setRingerMode(AudioManager.RINGER\_MODE\_SILENT);

Toast.makeText(MainActivity.this,"Wyciszony",Toast.LENGTH\_LONG).show();

}

});

mode.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int mod=myAudioManager.getRingerMode();

if(mod==AudioManager.RINGER\_MODE\_VIBRATE){

Toast.makeText(MainActivity.this,"Tryb wibracji",Toast.LENGTH\_LONG).show();

}

else if(mod==AudioManager.RINGER\_MODE\_NORMAL){

Toast.makeText(MainActivity.this,"Tryb dzwonienia",Toast.LENGTH\_LONG).show();

}

else

{

Toast.makeText(MainActivity.this,"Tryb wibracji",Toast.LENGTH\_LONG).show();

}

}

});

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

//

//getMenuInflater().inflate(R.menu.menu\_main, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

int id = item.getItemId();

//if (id == R.id.action\_settings) {

// return true;

//}

return super.onOptionsItemSelected(item);

}

}

- **layout**

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent"

android:layout\_height="match\_parent" android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

android:paddingBottom="@dimen/activity\_vertical\_margin" tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Android Audio Recording"

android:id="@+id/textView"

android:textSize="30dp"

android:layout\_alignParentTop="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Tutorialspoint"

android:id="@+id/textView2"

android:textColor="#ff3eff0f"

android:textSize="35dp"

android:layout\_below="@+id/textView"

android:layout\_centerHorizontal="true" />

<ImageView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/imageView"

android:src="@drawable/logo"

android:layout\_below="@+id/textView2"

android:layout\_alignLeft="@+id/textView2"

android:layout\_alignStart="@+id/textView2"

android:layout\_alignRight="@+id/textView2"

android:layout\_alignEnd="@+id/textView2" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mode"

android:id="@+id/button"

android:layout\_below="@+id/imageView"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_marginTop="59dp" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Ring"

android:id="@+id/button2"

android:layout\_alignTop="@+id/button"

android:layout\_centerHorizontal="true" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="vibrate"

android:id="@+id/button3"

android:layout\_alignTop="@+id/button2"

android:layout\_alignRight="@+id/textView"

android:layout\_alignEnd="@+id/textView" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Silent"

android:id="@+id/button4"

android:layout\_below="@+id/button2"

android:layout\_alignLeft="@+id/button2"

android:layout\_alignStart="@+id/button2" />

</RelativeLayout>

- **strings.xml**

<resources>

<string name="app\_name">My Application</string>

<string name="hello\_world">Hello world!</string>

<string name="action\_settings">Settings</string>

</resources>

**- manifest.xml**

<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package=" pl.michalkruk.audiomanager"

android:versionCode="1"

android:versionName="1.0" >

<application

android:allowBackup="true"

android:icon="@drawable/ic\_launcher"

android:label="@string/app\_name"

android:theme="@style/AppTheme" >

<activity

android:name="pl.michalkruk.myapplication"

android:label="@string/app\_name" >

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

</application>

</manifest>

Przed uruchomieniem należy skopiować obrazki do katalogu Res drawable