W11_mp3

strings.xml

```xml
<resources>
    <string name="app_name">My Java App</string>
    <string name="start">Start</string>
    <string name="pause">Pause</string>
    <string name="stop">Stop</string>
    <string name="Restart">Restart</string>
    <string name="tot">total</string>
    <string name="cur"></string>
</resources>
```

zh-rTW\strings.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="app_name">我的爪哇</string>
    <string name="start">開始</string>
    <string name="pause">暫停</string>
    <string name="stop">停止</string>
    <string name="Restart">重新開始</string>
    <string name="tot">total</string>
    <string name="cur"></string>
</resources>
```

activity_main.xml

```xml
9      <TextView
10         android:layout_width="wrap_content"
11         android:layout_height="wrap_content"
12         android:text="welcome.mp3"
13         android:id="@+id/res"/>
14
15     <Button
16         android:id="@+id/b1"
17         android:layout_width="wrap_content"
18         android:layout_height="wrap_content"
19         android:layout_below="@+id/res"
20         android:text="@string/start"/>
21
22     <Button
23         android:id="@+id/b2"
24         android:layout_width="wrap_content"
25         android:layout_height="wrap_content"
26         android:layout_below="@+id/res"
27         android:layout_toRightOf="@+id/b1"
28         android:text="@string/pause"/>

30     <Button
31         android:id="@+id/b3"
32         android:layout_width="wrap_content"
33         android:layout_height="wrap_content"
34         android:layout_below="@+id/res"
35         android:layout_toRightOf="@+id/b2"
36         android:text="@string/Restart"/>
37
38     <Button
39         android:id="@+id/b4"
40         android:layout_width="wrap_content"
41         android:layout_height="wrap_content"
42         android:layout_toRightOf="@+id/b3"
43         android:layout_below="@+id/res"
44         android:text="@string/stop"/>
45 </RelativeLayout>
```

MainActivity.java

```java
public class MainActivity extends AppCompatActivity implements View.OnClickListener {

    // 8 usages
    MediaPlayer mp; Button b_start, b_stop, b_rest, b_pau;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        //setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE);//水平
        //setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);//垂直
        //mp=MediaPlayer.create(this,R.raw.welcome);
        //mp.setLooping(true);
        //mp.start();
        mp=new MediaPlayer(); prep();
        b_start=(Button) findViewById(R.id.b1); b_start.setOnClickListener(this);
        b_pau=(Button)   findViewById(R.id.b2); b_pau  .setOnClickListener(this);
        b_rest=(Button)  findViewById(R.id.b3); b_rest .setOnClickListener(this);
        b_stop=(Button)  findViewById(R.id.b4); b_stop .setOnClickListener(this);
    }


    void prep(){
        try{
            Uri u= Uri.parse( uriString: "android.resource://"+getPackageName()+"/"+R.raw.welcome);
            mp.setDataSource( context: this,u); mp.prepare();
            Toast.makeText( context: this,getPackageName(), Toast.LENGTH_SHORT).show();
        } catch (Exception e) { System.out.println("error"); }
    }
    public void onClick(View view) {
        if(view == b_start) { mp.start(); }
        if(view == b_pau) { mp.pause(); }
        if(view == b_rest) { prep(); mp.start(); }
        if(view == b_stop) { mp.stop(); mp.reset(); prep(); }
    }

    protected void onPause() { super.onPause(); }
    protected void onResume() { super.onResume(); }
    protected void onDestroy() { super.onDestroy(); /*mp.stop(); mp.release();*/ }

}
```