



W12-video

strings.xml

```
1  <resources>
2      <string name="app_name">My Java App</string>
3      <string name="play">Multimedia Play</string>
4      <string name="pl">Play</string>
5      <string name="pau">Pause</string>
6      <string name="stop">Stop</string>
7      <string name="cont">Continue</string>
8      <string name="err">Cannot play</string>
9      <string name="loop">Loop</string>
10 </resources>
```

zh-rTW\strings.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <resources>
3      <string name="app_name">我的爪哇應用程式</string>
4      <string name="play">多媒體名稱:</string>
5      <string name="pl">播放</string>
6      <string name="pau">暫停</string>
7      <string name="stop">停止</string>
8      <string name="cont">繼續</string>
9      <string name="err">歌曲有錯</string>
10     <string name="loop">重複播放</string>
11 </resources>
```

activity_main.xml

```
9      <TextView
10          android:layout_width="wrap_content"
11          android:layout_height="wrap_content"
12          android:text="@string/play"
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/pau"/>
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/stop"/>
29
30      <CheckBox
31          android:id="@+id/ch1"
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/loop"/>
37
38      <VideoView
39          android:id="@+id/video1"
40          android:layout_width="match_parent"
41          android:layout_height="200sp"
42          android:layout_below="@+id/b1" />
43  </RelativeLayout>
```

MainActivity.java

```
21 public class MainActivity extends AppCompatActivity implements
22     MediaPlayer.OnPreparedListener,
23     MediaPlayer.OnCompletionListener,
24     MediaPlayer.OnErrorListener, View.OnClickListener {
25     3 usages
26     TextView rr; Button bt_pau, bt_st; CheckBox ck; MediaPlayer mp; Uri u, u_v;
27     9 usages
28     2 usages
29     VideoView vv;
30     MediaController mc; int pos=0, tot=0;
31     protected void onCreate(Bundle savedInstanceState) {
32         super.onCreate(savedInstanceState);
33         setContentView(R.layout.activity_main);
34         rr=(TextView) findViewById(R.id.res);
35         bt_pau=(Button) findViewById(R.id.b1);
36         bt_st=(Button) findViewById(R.id.b2);
37         ck=(CheckBox) findViewById(R.id.ch1); ck.setChecked(false);
38         mp=new MediaPlayer(); mp.setOnCompletionListener(this);
39         mp.setOnPreparedListener(this); mp.setOnErrorListener(this);
40         getWindow().addFlags(WindowManager.LayoutParams.FLAG_KEEP_SCREEN_ON);
41         //setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE); 横置
42         setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT); // 直置
43         u= Uri.parse( uriString: "android.resource://" +getPackageName()+ "/" +R.raw.welcome);
44
45         try{
46             mp.setDataSource( context: this, u); mp.start();
47         } catch (Exception e){
48             Toast.makeText( context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
49         }
50         String ss="android.resource://" +getPackageName()+ "/R.raw.welcome";
51         rr.setText(getString(R.string.play)+ss); prep(); Log.d( tag: "test", msg: "after pre()");
52         //bt_pau.setOnClickListener(this); bt_st.setOnClickListener(this);
53
54         //video section
55         vv=(VideoView) findViewById(R.id.video1);
56         mc = new MediaController( context: this); vv.setMediaController(mc);
57
58         u_v=Uri.parse( uriString: "android.resource://" +getPackageName()+ "/" +R.raw.video);
59         try{
60             vv.setVideoURI(u_v); tot=vv.getCurrentPosition();
61             String s1="android.resource://" +getPackageName()+ "/R.raw.video"+", total length="+tot;
62             rr.setText(getString(R.string.play)+s1);
63             vv.start();
64             // Toast.makeText(this, "")
65         } catch (Exception e){
66             Toast.makeText( context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
67         }
68     }
69 }
```

```

66 protected void onPause() {
67     super.onPause();
68     pos=vv.getCurrentPosition(); vv.stopPlayback();
69 }
70
71 protected void onResume() {
72     super.onResume();
73     vv.seekTo(pos); vv.start();
74 }

```

```

76 public void onClick(View view) {
77     if(view == bt_pau){
78         // if(mp.isPlaying()){
79         //     mp.pause(); bt_pau.setText(getString(R.string.cont));
80         // } else {
81         //     mp.start(); bt_pau.setText(getString(R.string.pau));
82         //     bt_st.setEnabled(true);
83         // }
84         // vv.getCurrentPosition(); vv.setcurr; vv.seekTo(0); vv.start();
85         pos = 0; onResume();
86     }
87     if(view == bt_st){
88         //mp.pause(); mp.seekTo(0);
89         //bt_pau.setText(getString(R.string.pl)); bt_st.setEnabled(false);
90         onPause();
91     }
92     if(ck==view){
93         if (ck.isChecked()) mp.setLooping(true); else mp.setLooping(false);
94     }
95 }

```

```

96 void prep(){
97     bt_pau.setText(getString(R.string.pl)); bt_pau.setEnabled(false); bt_st.setEnabled(false);
98     try{
99         mp.reset(); mp.setDataSource(context: this, u); mp.setLooping(ck.isChecked());
100         mp.prepareAsync();
101     } catch (Exception e){
102         Toast.makeText(context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
103     }
104 }
105
106 public void onCompletion(MediaPlayer mediaPlayer) {
107     mp.seekTo(msec: 0); bt_pau.setText(getString(R.string.pl)); bt_st.setEnabled(false);
108 }
109
110 public boolean onError(MediaPlayer mediaPlayer, int i, int i1) {
111     Toast.makeText(context: this, getString(R.string.err), Toast.LENGTH_SHORT).show();
112     return true;
113 }
114
115 public void onPrepared(MediaPlayer mediaPlayer) { bt_pau.setEnabled(true); }
116 }

```