W2

string.xml:

一張含有 日曆 的圖片

自動產生的描述 <resources>  
 <string name="app\_name">My java APP</string>  
 <string name="disp">Display Toast</string>  
 <string name="qu">Android Questionaire</string>  
 <string name="ms">Do you like Android CellPhone?</string>  
 <string name="ch">Your choice</string>  
 <string name="no">No comment</string>  
 <string name="lk">Like</string>  
 <string name="ht">Hate</string>  
 <string name="dt">Date</string>  
 <string name="tt">Time</string>  
</resources>

zh-rTW\string.xml:

<resources>  
<string name="app\_name">我的java應用程式</string>  
<string name="disp">顯示即時資訊</string>  
<string name="qu">安卓問卷調查</string>  
<string name="ms">你喜歡安著手機嗎</string>  
<string name="ch">你選擇</string>  
<string name="no">沒意見</string>  
<string name="lk">喜歡</string>  
<string name="ht">討厭</string>  
<string name="dt">時間</string>  
<string name="tt">日期</string>  
</resources>

AndroidManifest.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.W2\_209410314"  
 tools:targetApi="31">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

activity\_main.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello"  
 android:id="@+id/res" />  
  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@+id/res"  
 android:text="@string/disp"/>  
  
 <TextView  
 android:id="@+id/dt"  
 android:layout\_width="100sp"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@+id/b1"  
 android:text="@string/dt"/>  
  
 <TextView  
 android:id="@+id/tt"  
 android:layout\_width="100sp"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@+id/dt"  
 android:text="@string/tt"/>  
  
 <DatePicker  
 android:layout\_width="match\_parent"  
 android:layout\_height="320sp"  
 android:layout\_below="@+id/b1"  
 android:id="@+id/dp"/>  
  
 <TimePicker  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/dp"  
 android:id="@+id/tp"/>  
</RelativeLayout>

MainActivity.java:  
package com.example.w2\_209410314;  
  
import …  
  
public class MainActivity extends AppCompatActivity implements View.OnClickListener,  
 DialogInterface.OnClickListener, DatePickerDialog.OnDateSetListener,  
 TimePickerDialog.OnTimeSetListener,  
 DatePicker.OnDateChangedListener, TimePicker.OnTimeChangedListener{  
  
 Toast tos; Button b1; int i = 1; TextView rr, dt, tt; int yy=0,mm=0,dd=0,hh=0,m1=0; Time t;  
 DatePicker dp; TimePicker tp;  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 t=new Time(); t.setToNow(); yy=t.year; mm=t.month; dd=t.monthDay; hh=t.hour; m1=t.minute;  
 tos = Toast.*makeText*(this, getString(R.string.*disp*), Toast.*LENGTH\_SHORT*);  
 b1 = (Button) findViewById(R.id.*b1*); tos.show();  
 b1.setOnClickListener(this);  
 rr = (TextView) findViewById(R.id.*res*);  
 dt = (TextView) findViewById(R.id.*dt*);  
 tt = (TextView) findViewById(R.id.*tt*);  
 dt.setOnClickListener(this);  
 tt.setOnClickListener(this);  
 new AlertDialog.Builder(this).setTitle(getString(R.string.*qu*)).  
 setMessage(getString(R.string.*ms*)).setIcon(android.R.drawable.*star\_big\_on*)  
 .setCancelable(false)  
 .setPositiveButton(getString(R.string.*lk*), this)  
 .setNegativeButton(getString(R.string.*ht*), this)  
 .setNeutralButton(getString(R.string.*no*), this)  
 .show();  
 dp = (DatePicker) findViewById(R.id.*dp*);  
 tp = (TimePicker) findViewById(R.id.*tp*);  
 dp.setOnDateChangedListener(this);  
 tp.setOnTimeChangedListener(this);  
 }  
  
 public void onDateChanged(DatePicker datePicker, int i, int i1, int i2) {  
 dt.setText(getString(R.string.*dt*)+ i +"/"+ (i1+1) +"/"+ i2);  
 }  
  
 public void onTimeChanged(TimePicker timePicker, int i, int i1) {  
 tt.setText(getString(R.string.*tt*)+ i +":"+ i1);  
 }  
  
 public void onClick(View view) {  
*// tos.setText("i="+(i++));  
// tos.setGravity(Gravity.TOP | Gravity.RIGHT, 0, 50);  
// tos.show();  
// new AlertDialog.Builder(this).setTitle(getString(R.string.qu)).  
// setMessage(getString(R.string.ms)).setIcon(android.R.drawable.star\_big\_on)  
// .setCancelable(true)  
// .setPositiveButton(getString(R.string.lk), this)  
// .setNegativeButton(getString(R.string.ht), this)  
// .setNeutralButton(getString(R.string.no), this)  
// .show();* if(view == b1){  
 tos.setText("i=" + (i++));  
 tos.setGravity(Gravity.*TOP* | Gravity.*RIGHT*,0,50);  
 tos.show();  
 }  
 if(view == dt) new DatePickerDialog(this, this, yy,mm,dd).show();  
 if(view == dt) new TimePickerDialog(this, this, hh, m1,true).show();  
 }  
  
 public void onDateSet(DatePicker datePicker, int i, int i1, int i2) {  
 dt.setText(getString(R.string.*dt*)+ i +"/"+ (i1+1) +"/"+ i2);  
 }  
 public void onTimeSet(TimePicker timePicker, int i, int i1) {  
 tt.setText(getString(R.string.*tt*)+ i +":"+ i1);  
 }  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if(i == DialogInterface.*BUTTON\_POSITIVE*)  
 rr.setText(getString(R.string.*ch*) + getString(R.string.*lk*));  
 if(i == DialogInterface.*BUTTON\_NEGATIVE*)  
 rr.setText(getString(R.string.*ch*) + getString(R.string.*ht*));  
 if(i == DialogInterface.*BUTTON\_NEUTRAL*)  
 rr.setText(getString(R.string.*ch*) + getString(R.string.*no*));  
 }  
}