



W6

strings.xml

```
1  <resources>
2      <string name="app_name">My Java APP</string>
3      <string name="send">Send</string>
4      <string name="rr">Result:</string>
5      <string name="sure">Sure</string>
6      <string name="can">Cancel</string>
7      <string name="sel">Your Selection:</string>
8      <string name="err">Some file are missing</string>
9      <string name="m1">Mini Memo</string>
10     <string name="m2">Edit Memo</string>
11     <string name="item">Item:</string>ources>
12     <string name="mod">had been modified</string>ources>
13     <string name="s_opt1">subOption 1</string>ources>
14     <string name="s_opt2">subOption 2</string>ources>
15     <string name="s_m">SubMenu</string>ources>
16     <string name="opt1">Option 1</string>ources>
17     <string name="opt2">Option 2</string>ources>
18     <string name="opt3">Option 3</string>ources>
19     <string name="opt4">Option 4</string>ources>
20     <string name="exit">Exit</string>ources>
21 </resources>
```

zh-rTW\strings.xml

```
2  <resources>
3      <string name="app_name">我的爪哇程式</string>
4      <string name="send">傳送</string>
5      <string name="rr">結果:</string>
6      <string name="sure">確認</string>
7      <string name="can">取消</string>
8      <string name="sel">你的選擇:</string>
9      <string name="err">有欄位未輸入</string>
10     <string name="m1">迷你備忘錄</string>
11     <string name="m2">編輯備忘錄</string>
12     <string name="item">項目</string>
13     <string name="mod">被修改</string>
14     <string name="s_opt1">子選單1</string>
15     <string name="s_opt2">子選單2</string>
16     <string name="s_m">子選單</string>
17     <string name="opt1">選項1</string>
18     <string name="opt2">選項2</string>
19     <string name="opt3">選項3</string>
20     <string name="opt4">選項4</string>
21     <string name="exit">離開</string>
22 </resources>
```

activity_main.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".MainActivity">
8
9      <ListView
10         android:layout_width="wrap_content"
11         android:layout_height="300sp"
12         android:id="@+id/lv" />
13
14     <TextView
15         android:layout_width="wrap_content"
16         android:layout_height="wrap_content"
17         android:text="@string/sel"
18         android:layout_below="@+id/lv"
19         android:id="@+id/res"/>
20
21 </RelativeLayout>
```

activity_edit.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".Edit">
8
9      <EditText
10         android:id="@+id/ed1"
11         android:layout_width="match_parent"
12         android:layout_height="100sp"
13         android:ems="10"
14         android:inputType="textPersonName"
15         android:text="" />
```

```
17  <LinearLayout
18     android:layout_width="match_parent"
19     android:layout_height="wrap_content"
20     android:layout_below="@+id/ed1"
21     android:gravity="right"
22     android:orientation="horizontal">
23
24     <Button
25         android:id="@+id/b_sure"
26         android:layout_width="wrap_content"
27         android:layout_height="wrap_content"
28         android:text="@string/sure" />
29
30     <Button
31         android:id="@+id/b_can"
32         android:layout_width="wrap_content"
33         android:layout_height="wrap_content"
34         android:text="@string/can" />
35
36 </LinearLayout>
</RelativeLayout>
```

MainActivity.java

```
19 public class MainActivity extends AppCompatActivity implements
20     AdapterView.OnItemClickListener, AdapterView.OnItemLongClickListener {
21     6 usages
22     String mem[]={"1.按下編輯備忘錄","2.長案可以清除備忘錄","3.","4.","5.","6."};
23     4 usages
24     ListView lv; TextView rr; ArrayAdapter<String> ad; String tt="";
25     protected void onCreate(Bundle savedInstanceState) {
26         super.onCreate(savedInstanceState);
27         setContentView(R.layout.activity_main);
28         lv=(ListView)findViewById(R.id.lv); rr=(TextView) findViewById(R.id.res);
29         lv.setOnItemClickListener(this); lv.setOnItemLongClickListener(this);
30         ad=new ArrayAdapter<String>( context: this,
31             android.R.layout.simple_list_item_1, mem);
32         lv.setAdapter(ad);
33     }
34     6 usages
35     public boolean onCreateOptionsMenu(Menu menu) {
36         menu.add( i: 0, Menu.FIRST, i2: 0,getString(R.string.opt1));
37         menu.add( i: 0, i1: Menu.FIRST+1, i2: 0,getString(R.string.opt2));
38         menu.add( i: 0, i1: Menu.FIRST+2, i2: 1,getString(R.string.opt3));
39         menu.add( i: 0, i1: Menu.FIRST+3, i2: 2,getString(R.string.opt4));
40         menu.add( i: 0, i1: Menu.FIRST+4, i2: 3,getString(R.string.exit));
41         return super.onCreateOptionsMenu(menu);
42     }
43     4 usages
44     public boolean onOptionsItemSelected(@NonNull MenuItem item) {
45         int i=item.getItemId();
46         switch (i) {
47             case Menu.FIRST: rr.setText(getString(R.string.sel)+getString(R.string.opt1)); break;
48             case Menu.FIRST+1: rr.setText(getString(R.string.sel)+getString(R.string.opt2)); break;
49             case Menu.FIRST+2: rr.setText(getString(R.string.sel)+getString(R.string.opt3)); break;
50             case Menu.FIRST+3: rr.setText(getString(R.string.sel)+getString(R.string.opt4)); break;
51             case Menu.FIRST+4: finish(); break;
52         }
53         return super.onOptionsItemSelected(item);
54     }
55     public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {
56         Intent it=new Intent( packageContext: this, Edit.class); it.putExtra( name: "內容",mem[i]);
57         tt=mem[i]; rr.setText(getString(R.string.sel)+tt);
58         startActivityForResult(it, i);
59     }
```

```

60 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
61     super.onActivityResult(requestCode, resultCode, data);
62     if(resultCode == RESULT_OK){
63         mem[requestCode]=data.getStringExtra( name: "内容");
64         ad.notifyDataSetChanged(); rr.setText(getString(R.string.sel)+mem[requestCode]);
65     }
66 }
67
68 public boolean onItemClick(AdapterView<?> adapterView, View view, int i, long l) {
69     mem[i]=(i+1)+". "; ad.notifyDataSetChanged(); return true;
70 }
71

```

Edit.java

```

2 import ...
3 usages
9 public class Edit extends AppCompatActivity implements View.OnClickListener {
10
11     3 usages
12     EditText e1; Button b_s, b_c; Intent it; String tmp;
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_edit);
16         e1=(EditText) findViewById(R.id.ed1);
17         b_s=(Button) findViewById(R.id.b_sure); b_s.setOnClickListener(this);
18         b_c=(Button) findViewById(R.id.b_can); b_c.setOnClickListener(this);
19         it=getIntent(); String tmp=it.getStringExtra( name: "内容");
20         e1.setText(tmp);
21     }
22
23     public void onClick(View view) {
24         if(view == b_c) { setResult(RESULT_CANCELED); finish();}
25         if(view == b_s) {
26             Intent it1=new Intent(); tmp=e1.getText().toString();
27             it1.putExtra( name: "内容", tmp);
28             setResult(RESULT_OK, it1); finish();
29         }
30     }

```