

# Android UI Part 3

Spinner / ListView

# 功能表選項被選擇事件

// 功能表選項被選擇事件

@Override

public boolean onOptionsItemSelected(MenuItem item) {

    Log.i("MENU",item.getItemId()+"");

    String title = item.getTitle().toString();

    Toast.makeText(this, title+"選項被點擊了",Toast.LENGTH\_LONG).show();

}

# Spinner

- 透過Adapter設定呈現資料與方式
- 資料來源可以設定在res/values/strings.xml
- Ch 7-1-8

# String Array

```
<resources>
```

```
.....
```

```
<string-array name="colors">
```

```
<item>黑色 | Black</item>
```

```
<item>藍色 | Blue</item>
```

```
<item>棕色 | Brown</item>
```

```
<item>綠色 | Green</item>
```

```
<item>灰色 | Grey</item>
```

```
<item>粉色 | Pink</item>
```

```
<item>紫色 | Purple</item>
```

```
<item>紅色 | Red</item>
```

```
.....
```

```
</string-array>
```

```
</resources>
```

# Spinner 初始化

```
private void initView() {  
  
    spinner = (Spinner) findViewById(R.id.spinner1);  
  
    // 準備一個陣列配接器  
  
    ArrayAdapter adapter = ArrayAdapter.createFromResource(this,  
        R.array.colors, android.R.layout.simple_spinner_item);  
  
    // 設置下拉樣式  
  
    adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);  
  
    // 為下拉清單設置配接器  
  
    spinner.setAdapter(adapter);  
  
}
```

# Spinner 選項被選到的

```
spinner.setOnItemSelectedListener(new OnItemSelectedListener() {  
  
    @Override  
  
    public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {  
  
        Toast.makeText(MainActivity.this, "選擇的色彩: "+  
parent.getItemAtPosition(position).toString(), Toast.LENGTH_LONG).show();  
  
    }  
  
    @Override  
  
    public void onNothingSelected(AdapterView<?> parent) {  
  
    }  
  
});
```

# ListView

- 透過Adapter設定呈現資料與方式(可以客製化)
- 資料來源可以設定在res/values/strings.xml
- setOnItemSelectedListener
- setOnItemLongClickListener

# ListView - 1

```
String[] data = {.... };
```

```
lv.setAdapter(new ArrayAdapter(this,  
                                android.R.layout.simple_list_item_1,  
                                data));
```



# ListView - 2

```
lv.setOnItemClickListener(new ListView.OnItemClickListener() {  
    @Override  
    public void onItemClick(AdapterView<?> parent, View view,  
        int position, long id) {  
        Toast.makeText(getApplicationContext(),  
            "您點擊的是:" + ((TextView) view).getText(),  
            Toast.LENGTH_SHORT).show();  
    }  
});
```

# ListView - 3

```
lv.setOnItemLongClickListener(new ListView.OnItemLongClickListener() {  
  
    @Override  
  
    public boolean onItemLongClick(AdapterView<?> parent, View view,  
        int position, long id) {  
  
        Toast.makeText(getApplicationContext(),  
            "您長按的是:" + ((TextView) view).getText(),  
            Toast.LENGTH_SHORT).show();  
  
        return false;  
    }  
  
});
```