



취소 버튼 더블 터치로  
앱 종료



# 프로젝트 생성

2



Application name: **DoubleClickExit**

Company Domain: **admid.example.com**

Project location: **C:\Android\StdWork\DoubleClickExit**

Target Android Devices

- **Phone and Tablet**

- **Minimun SDK API 17 : Android 4.0.3**

Add an activity to Mobile : **Empty Activity**

Customize the Activity

Activity Name: **MainActivity**

Layout Name: **activity\_main**



```
activity_main.xml x
1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      android:layout_width="match_parent"
4      android:layout_height="match_parent"
5      android:orientation="vertical"
6      android:gravity="center">
7
8      <TextView
9          android:layout_width="wrap_content"
10         android:layout_height="wrap_content"
11         android:text="더블 터치로 앱 종료" />
12 </LinearLayout>
```



MainActivity.java x

```
1 package com.example.administrator.doubleclickexit;
2
3 import android.os.Bundle;
4 import android.os.Handler;
5 import android.os.Message;
6 import android.support.v7.app.AppCompatActivity;
7 import android.widget.Toast;
8
9 public class MainActivity extends AppCompatActivity {
10
11     boolean click_flag;
12     Handler click_handler;
13
14     @Override
15     protected void onCreate(Bundle savedInstanceState) {
```

Import 반드시 확인

```
MainActivity.java x
13
14 @Override
15 protected void onCreate(Bundle savedInstanceState) {
16     super.onCreate(savedInstanceState);
17     setContentView(R.layout.activity_main);
18
19     click_flag = false;
20
21     click_handler = new Handler() {
22         public void handleMessage(Message msg) {
23             click_flag = false;
24         }
25     };
26 }
27
28 @Override
29 public void onBackPressed() {
```

일정 시간이 지난 후 핸들러를 이용하여 0번 메시지 초기화

MainActivity.java x

```

27
28 @Override
29 public void onBackPressed() {
30     if (!click_flag) {
31         Toast.makeText(getApplicationContext(),
32             "취소 버튼을 한번 더 누르면 종료되요!", Toast.LENGTH_SHORT).show();
33
34         click_flag = true;
35         click_handler.sendMessageDelayed(0, 3000);
36     } else {
37         super.onBackPressed();
38     }
39 }
40
41 @Override
42 protected void onStop() {
43
44     click_handler.removeMessages(0);
45     super.onStop();
46 }
47 }

```

첫 번째로 취소 버튼이 눌린 경우

0번 메시지를 3초 후에 전송

취소(3초 이내에 취소 버튼이 두 번 눌린 경우

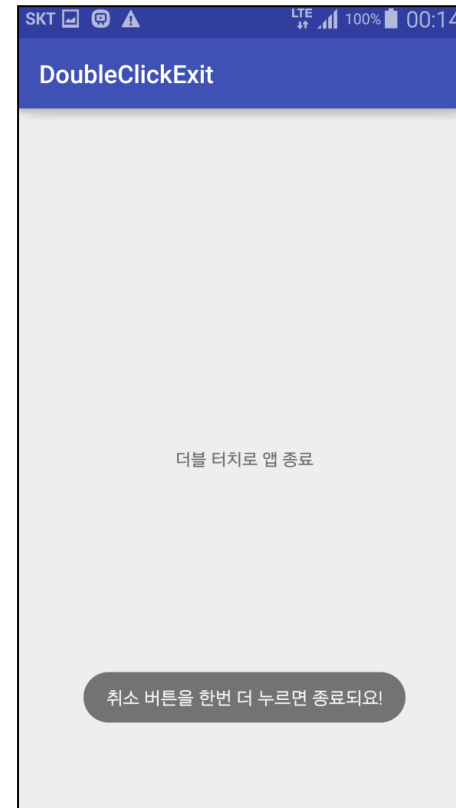
0번 메시지를 지운다.

onBackPressed()와 onStop() 메소드는  
추가 하고자 하는 위치에 마우스 오른쪽을 클릭하여  
"Generate" → "Override Methods.." 을 선택하여 추가

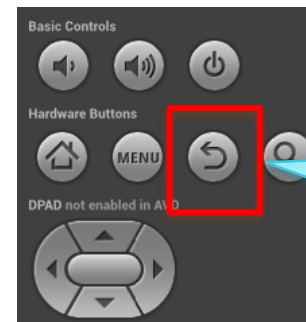
Generate...

Alt+Insert

Override Methods...

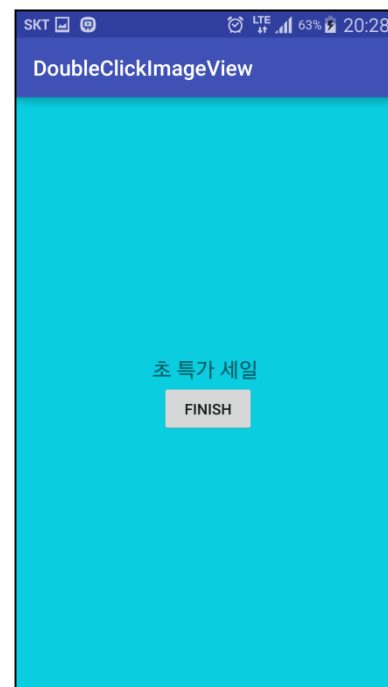
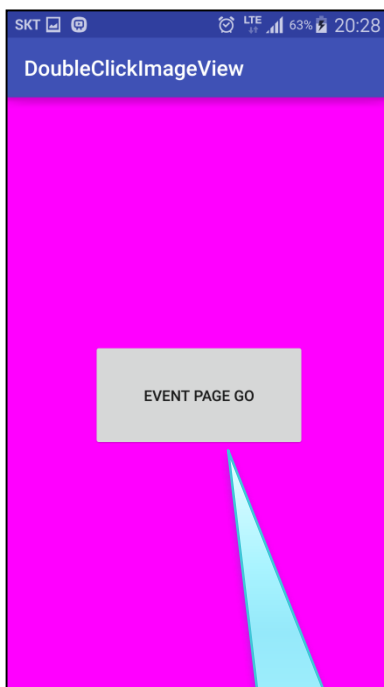
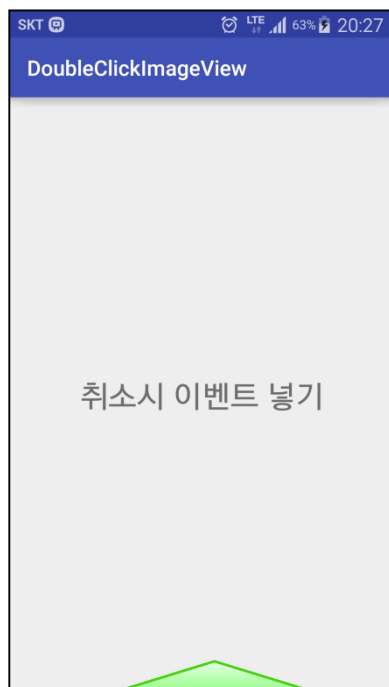


"취소" 버튼 클릭



3초 이내 "취소"  
버튼 클릭

# 취소 버튼 터치시 이벤트 페이지 넣기



이벤트 페이지



# 프로젝트 생성

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Application name: **DoubleClickImageView**

Company Domain: **admid.example.com**

Project location: **C:\Android\StdWork\DoubleClickImageView**

Target Android Devices

- **Phone and Tablet**

- **Minimun SDK API 17 : Android 4.0.3**

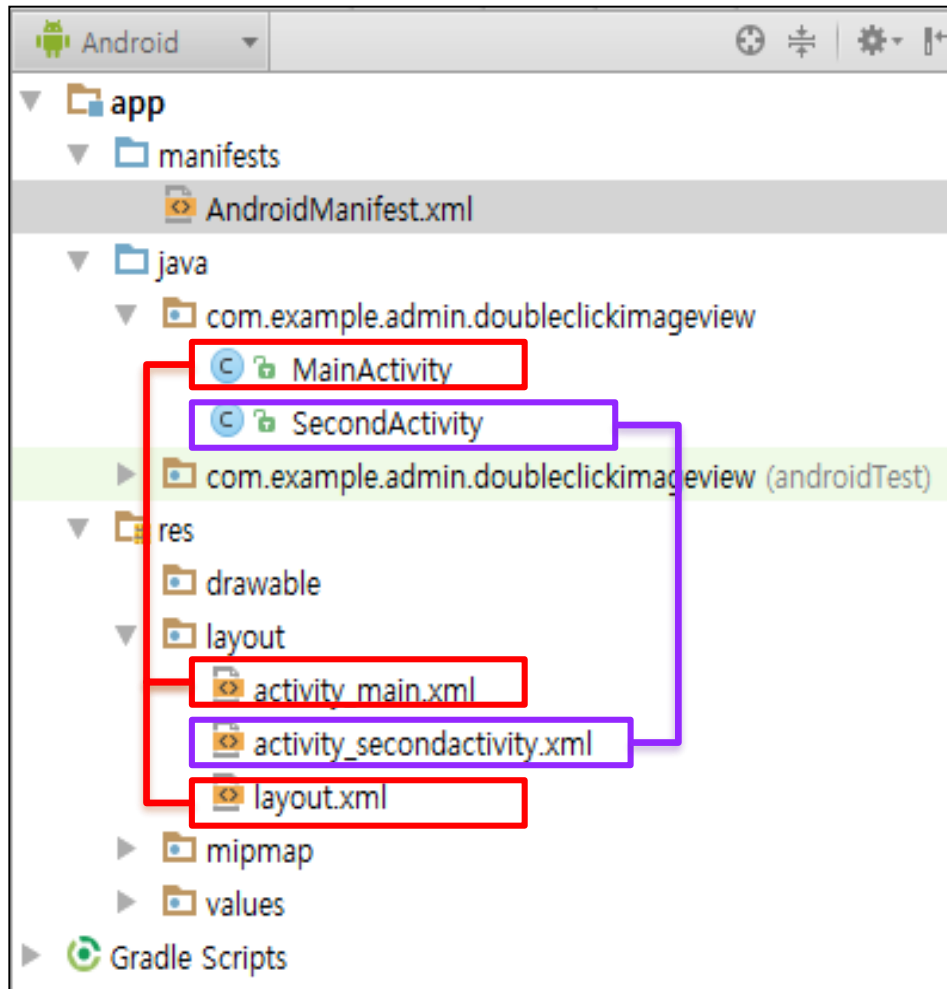
Add an activity to Mobile : **Empty Activity**

Customize the Activity

Activity Name: **MainActivity**

Layout Name: **activity\_main**





```
activity_main.xml x
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="30dp"
        android:text="취소시 이벤트 넣기" />
</LinearLayout>
```

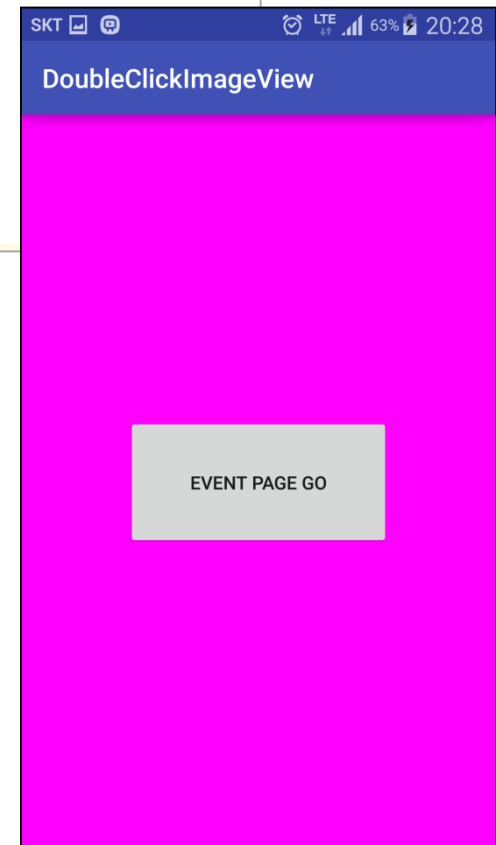
앱 실행 화면



```
layout.xml x
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#FF00FF"
    android:gravity="center">

    <Button
        android:id="@+id/btn"
        android:layout_width="200dp"
        android:layout_height="100dp"
        android:text="Event Page Go" />
</LinearLayout>
```

취소 버튼 눌렀을 때의 화면



```
activity_secondactivity.xml x
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#0BCDE0"
    android:gravity="center"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="초 특가 세일 "
        android:textSize="20dp" />

    <Button
        android:id="@+id/finishbtn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Finish" />
</LinearLayout>
```

Event Page 화면



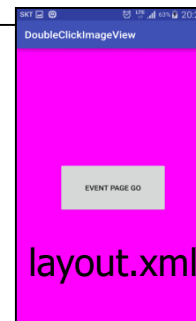
```
MainActivity.java x
1  package com.example.admin.doubleclickimageview;
2
3  import android.content.Intent;
4  import android.os.Bundle;
5  import android.os.Handler;
6  import android.os.Message;
7  import android.support.v7.app.AppCompatActivity;
8  import android.view.View;
9  import android.widget.Button;
10
11  public class MainActivity extends AppCompatActivity {
12
13      boolean click_flag;
14      Handler click_handler;
15      Button btn;
16
17      @Override
18      protected void onCreate(Bundle savedInstanceState) {
```

Handler Import 확인

```
MainActivity.java x
16
17 @Override
18 protected void onCreate(Bundle savedInstanceState) {
19     super.onCreate(savedInstanceState);
20     setContentView(R.layout.activity_main);
21
22     click_flag = false;
23     click_handler = new Handler() {
24         public void handleMessage(Message msg) {
25             if (click_flag) {
26                 setContentView(R.layout.layout);
27                 btn = (Button) findViewById(R.id.btn);
28                 btn.setOnClickListener(new View.OnClickListener() {
29                     @Override
30                     public void onClick(View v) {
31                         Intent intent = new Intent(MainActivity.this, SecondActivity.class);
32                         startActivity(intent);
33                     }
34                 });
35             }
36         }
37     };
38 }
39
```

취소 버튼 눌렀을 때 화면 변환

Event Page 로 이동



```
MainActivity.java x
39
40
41 ④ ↑ ⑤
42  @Override
43  public void onBackPressed() {
44      if (!click_flag) {
45          click_flag = true;
46          click_handler.sendMessageDelayed(0, 0);
47      } else {
48          super.onBackPressed();
49      }
50
51  ④ ↑ ⑤
52  @Override
53  protected void onStop() {
54      click_handler.removeMessages(0);
55      finish();
56      super.onStop();
57  }
```

취소 버튼 눌렀을 때 호출


Handler를 호출

앱 종료



```
SecondActivity.java x
1 package com.example.admin.doubleclickimageview;
2
3 import android.os.Bundle;
4 import android.support.v7.app.AppCompatActivity;
5 import android.view.View;
6 import android.widget.Button;
7
8 public class SecondActivity extends AppCompatActivity {
9
10     Button finishbtn;
11
12     @Override
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_secondactivity);
16
17         finishbtn = (Button) findViewById(R.id.finishbtn);
18
19         finishbtn.setOnClickListener(new View.OnClickListener() {
20             @Override
21             public void onClick(View v) {
22                 finish();
23             }
24         });
25     }
26 }
```

앱 종료



```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.admin.doubleclickimageview">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="DoubleClickImageView"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".SecondActivity" />
    </application>

</manifest>
```

Activity 추가 확인