



취소 버튼 더블 터치로 앱 종료



프로젝트 생성



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

```
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

```
c 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

```

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 }

```

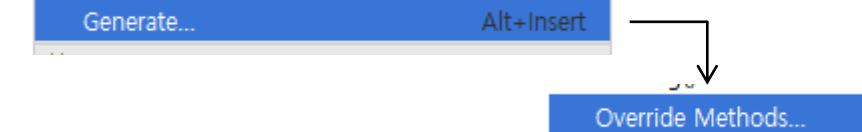
첫 번째로 취소 버튼이 눌린 경우

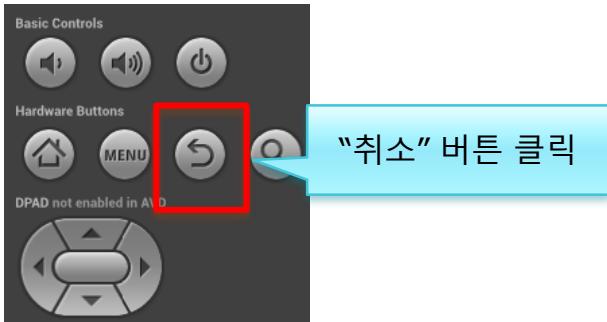
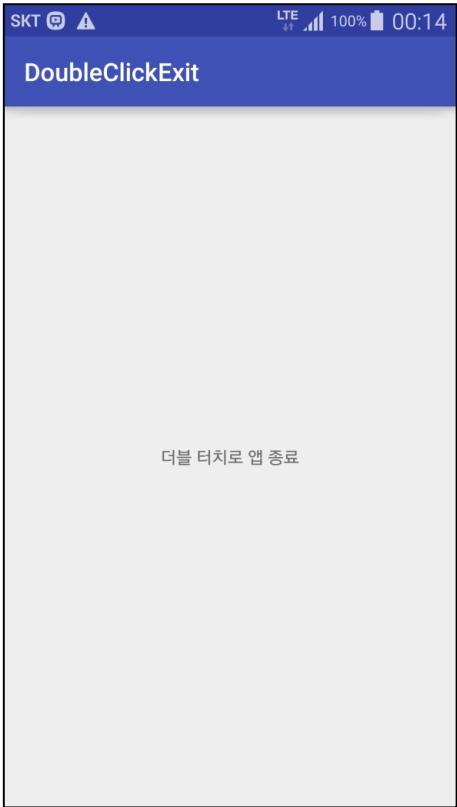
0번 메시지를 3초 후에 전송

취소(3초 이내에 취소 버튼이 두 번 눌린 경우)

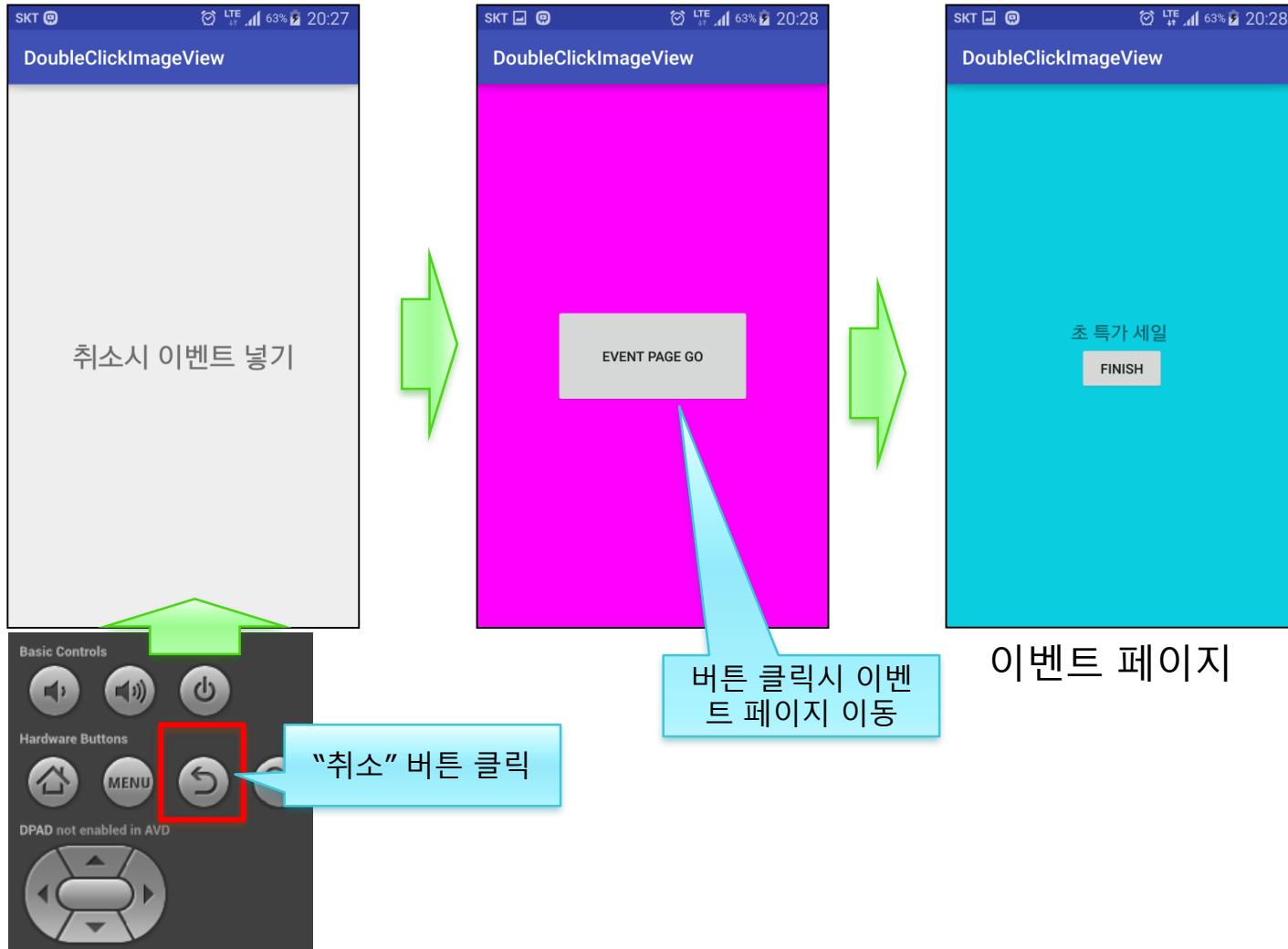
0번 메시지를 지운다.

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





취소 버튼 터치시 이벤트 페이지 넣기



프로젝트 생성



Application name: **DoubleClickImageView**

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

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

Target Android Devices

- Phone and Tablet

- Minimum SDK API 17 : Android 4.0.3

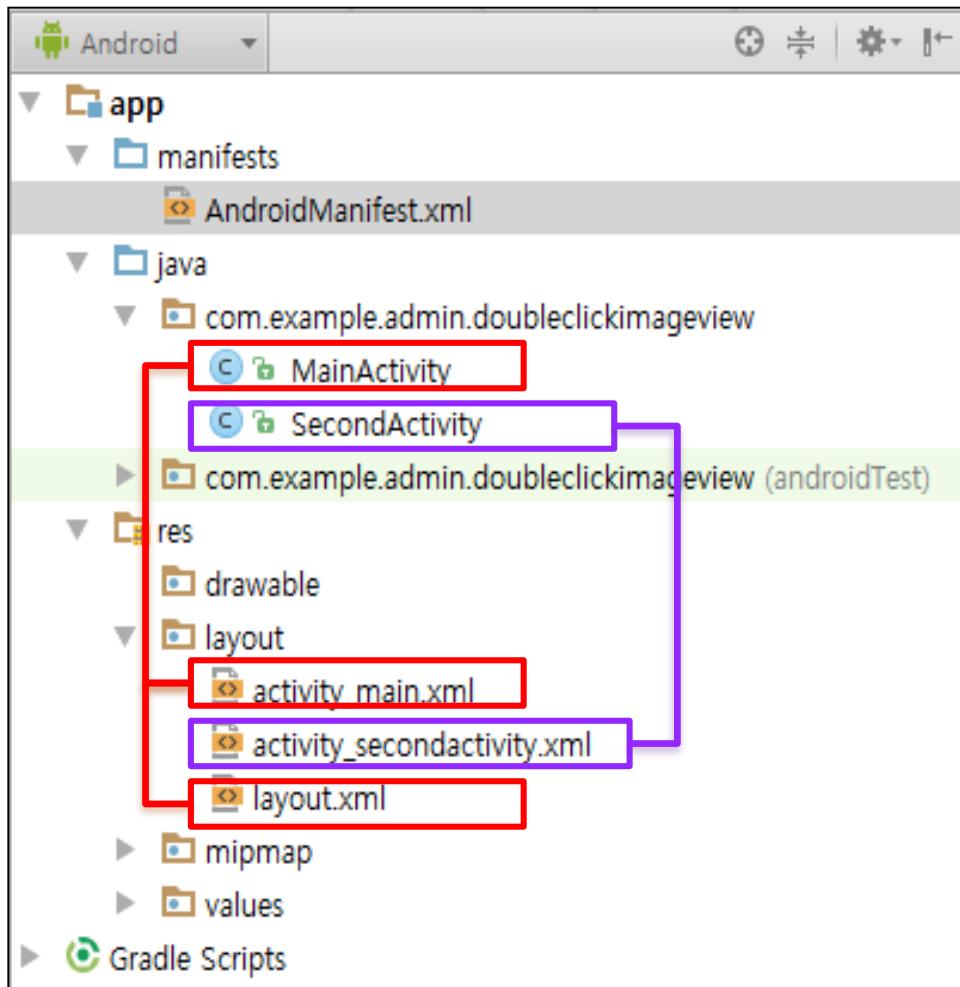
Add an activity to Mobile : **Empty Activity**

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>
```

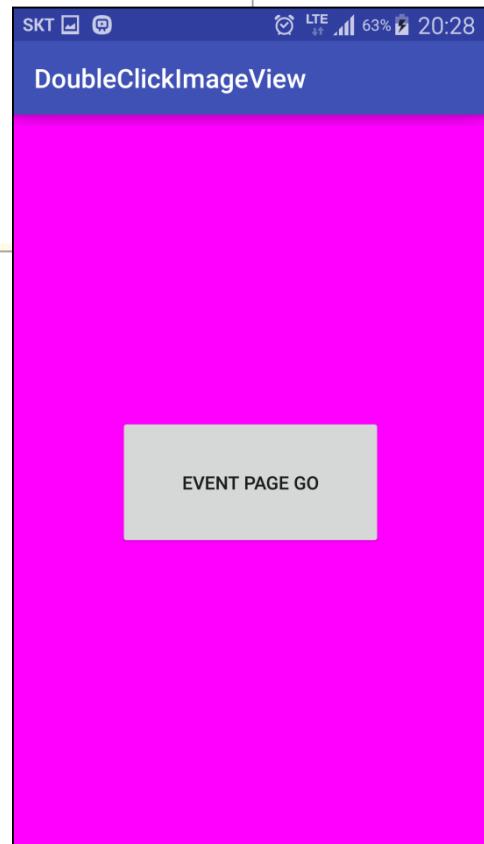
앱 실행 화면



```
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



```
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)
```

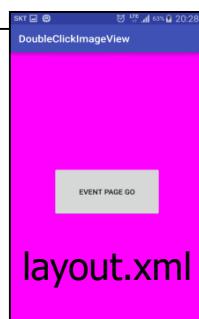
Handler Import 확인

MainActivity.java

```
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             @Override
25             public void handleMessage(Message msg) {
26                 if (click_flag) {
27                     setContentView(R.layout.layout);
28                     btn = (Button) findViewById(R.id.btn);
29                     btn.setOnClickListener(new View.OnClickListener() {
30                         @Override
31                         public void onClick(View v) {
32                             Intent intent = new Intent(MainActivity.this, SecondActivity.class);
33                             startActivity(intent);
34                         }
35                     });
36                 }
37             }
38         };
39     }
```

취소 버튼 눌렀을 때 화면 변환

Event Page로 이동



MainActivity.java x

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

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