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## Manifest File (Cont.)

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### Line 08: `android:theme="@style/AppTheme"`

It is a reference to a style resource, which can be found in the file `res/values/styles.xml`. This attribute points to the empty style `AppTheme` as follows:

```
<resources>
  <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
    <!-- Customize your theme here. -->
  </style>
</resources>
```

### Line 09: `<activity>`

An activity represents a single screen with a user interface. This element declares an activity that implements part of the application's visual user interface. One of the two activities points to the class:

```
com.example.wenchen.helloworld.MainActivity
```

The other activity points to the class:

```
com.example.wenchen.helloworld.NextActivity
```

### Line 12: `<intent-filter>`

[Intents](#) are asynchronous messages which allow the application to request functionality from other services or activities. For example, an application could ask via an intent for a contact application. This element specifies the types of intents that an activity can respond to.

### Line 13: `android:name="android.intent.action.MAIN"`

For this class, an intent filter is registered which defines that this activity is started once the application starts.

## Line 14: android:name="android.intent.category.LAUNCHER"

The category definition defines that this application is added to the application directory on the Android device.

HelloWorld/app/src/main/AndroidManifest.xml

```
01 <?xml version="1.0" encoding="utf-8"?>
02 <manifest
03     xmlns:android = "http://schemas.android.com/apk/res/android"
04     package        = "com.example.wenchen.helloworld" >
05     <application
06         android:icon    = "@mipmap/ic_launcher"
07         android:label    = "@string/app_name"
08         android:theme    = "@style/AppTheme" >
09         <activity
10             android:name = ".MainActivity"
11             android:label = "@string/home_page" >
12             <intent-filter>
13                 <action android:name = "android.intent.action.MAIN" />
14                 <category android:name = "android.intent.category.LAUNCHER" />
15             </intent-filter>
16         </activity>
17         <activity android:name = ".NextActivity"
18                 android:label = "@string/next_page" />
19     </application>
20 </manifest>
```

Slide 8.3: Manifest file: AndroidManifest.xml (cont.)

Slide 8.5: Layout XML code

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