

Window content transitions are transitions in Android Lollipop and above that allow you to run certain animations on your views when you enter an activity, exit an activity, return from an activity or reenter an activity.

Window content transitions can be used very easily in two different ways:

- In code
- In your theme (styles.xml)

The following transitions are supported as content transitions:

- Explode
- Slide
- Fade

Let's say we want to run an explode transition on the views when we enter an activity. First, we create a transition file in the transition folder and name it e.g. my_explode.xml. The file contains:

```
<explode/>
```

Next, we add the transition in our theme file i.e. styles.xml:

```
<item name="android:windowEnterTransition">@transition/my_explode</item>
```

Finally, to see the transition in action, use the following format when you start a new activity:

```
Intent newIntent = new Intent(SourceActivity.this, DestinationActivity.class);
startActivity(newIntent,
    ActivityOptionsCompat.makeSceneTransitionAnimation(SourceActivity.this).toBundle());
```

Alternatively, if you want to specify your transition in code rather than styles.xml, you can do that as follows:

```
//Inside MainActivity.java
Transition explode = new Explode();
getWindow().setEnterTransition(explode);
```

You can even specify certain views as targets of content transitions. Let's say you want only an `ImageView` named `someImage` to be animated when you enter an activity rather than all views. You can do that in code as follows:

```
explode.addTarget(someImage);
```

Or declaratively in a `transitionSet` tag:

```
<explode xmlns:android="http://schemas.android.com/apk/res/android">
  <targets>
    <target android:targetId="@+id/cat"/>
  </targets>
</explode>
```