
Android Splashscreen

By rac

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Howto implement a splashscreen in android



While working on the easter theme for Frozen Bubble ([Frozen Egg => market://search?q=pname:ch.racic.frozenegg](https://market://search?q=pname:ch.racic.frozenegg)) I searched for a way to show a splashscreen while the app was loading.

The first implementation of a splash screen was to start a small activity that shows a splash image for a certain time period and then starts the main activity but this still shows the black screen while loading the main activity.

I remembered that toast messages can be customized and can contain images, that's my second implementation that I want to show to you.

Feel free to comment if you have better ways or ideas how to implement a splashscreen better.

Code listings after the break...

In the AndroidManifest.xml I just declared the Splash.java class as main activity, the real main activity as a second activity and declared `android:theme="@android:style/Theme.NoDisplay"` for both activities.

AndroidManifest.xml (just interesting parts)

1.
`<?xml version="1.0" encoding="utf-8"?>`
2.
`<manifest xmlns:android="http://schemas.android.com/apk/res/android"...>`
3.
`<application ...>`
4.
`<activity android:name=".Splash"`
5.
`...`
6.
`android:theme="@android:style/Theme.NoDisplay">`
7.
`<intent-filter>...</intent-filter>`
8.
`</activity>`
9.
`<activity android:name=".FrozenBubble"`
10.
`...`
11.
`android:theme="@android:style/Theme.NoDisplay" />`
12.
`</application>`
- 13.

</manifest>

The splash activity (Splash.java)

The classname FrozenBubble.class can be changed into your main activity.

1.
public class Splash extends Activity {
2.
 @Override
3.
 public void onCreate(Bundle icle) {
4.
 super.onCreate(icle);
5.
 LayoutInflater inflater = getLayoutInflater();
6.
 [View](#) layout = inflater.inflate(R.layout.splashscreen,
7.
 (ViewGroup) findViewById(R.id.splash));
8.
 Toast toast = new Toast(getApplicationContext());
9.
 toast.setGravity(Gravity.CENTER_VERTICAL, ,);
- 10.

```
        toast.setDuration	Toast.LENGTH_LONG);

11.        toast.setView(layout);

12.        toast.show();

13.

14.        new Handler().post(new Runnable () {

15.            @Override

16.            public void run() {

17.                Splash.this.startActivity(new Intent(Splash.this, FrozenBubble.class));

18.                Splash.this.finish();

19.            }

20.        });

21.    }

22. }
```

The splash layout (splashscreen.xml)

1.
<?xml version="1.0" encoding="utf-8"?>
2.
<FrameLayout id="@+id/splash"
3.
 xmlns:android="http://schemas.android.com/apk/res/android"
4.
 android:layout_width="fill_parent"
5.
 android:layout_height="fill_parent"
6.
 >
7.
 <ImageView id="@+id/splashscreen" android:layout_width="wrap_content"
8.
 android:layout_height="wrap_content" android:src="@drawable/splash"
9.
 android:layout_gravity="center"/>
10.
</FrameLayout>

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