



WORKSHOP ANDROID II

WE NEED A BETTER SUBTITLE



PREVIOUSLY, ON WORKSHOP 1

- ▶ Project structure
- ▶ Basic layouts
- ▶ Loading images with Picasso
- ▶ ~~Permissions~~

PERMISSIONS

PERMISSIONS

```
<uses-permission android:name="android.permission.INTERNET"/>
```

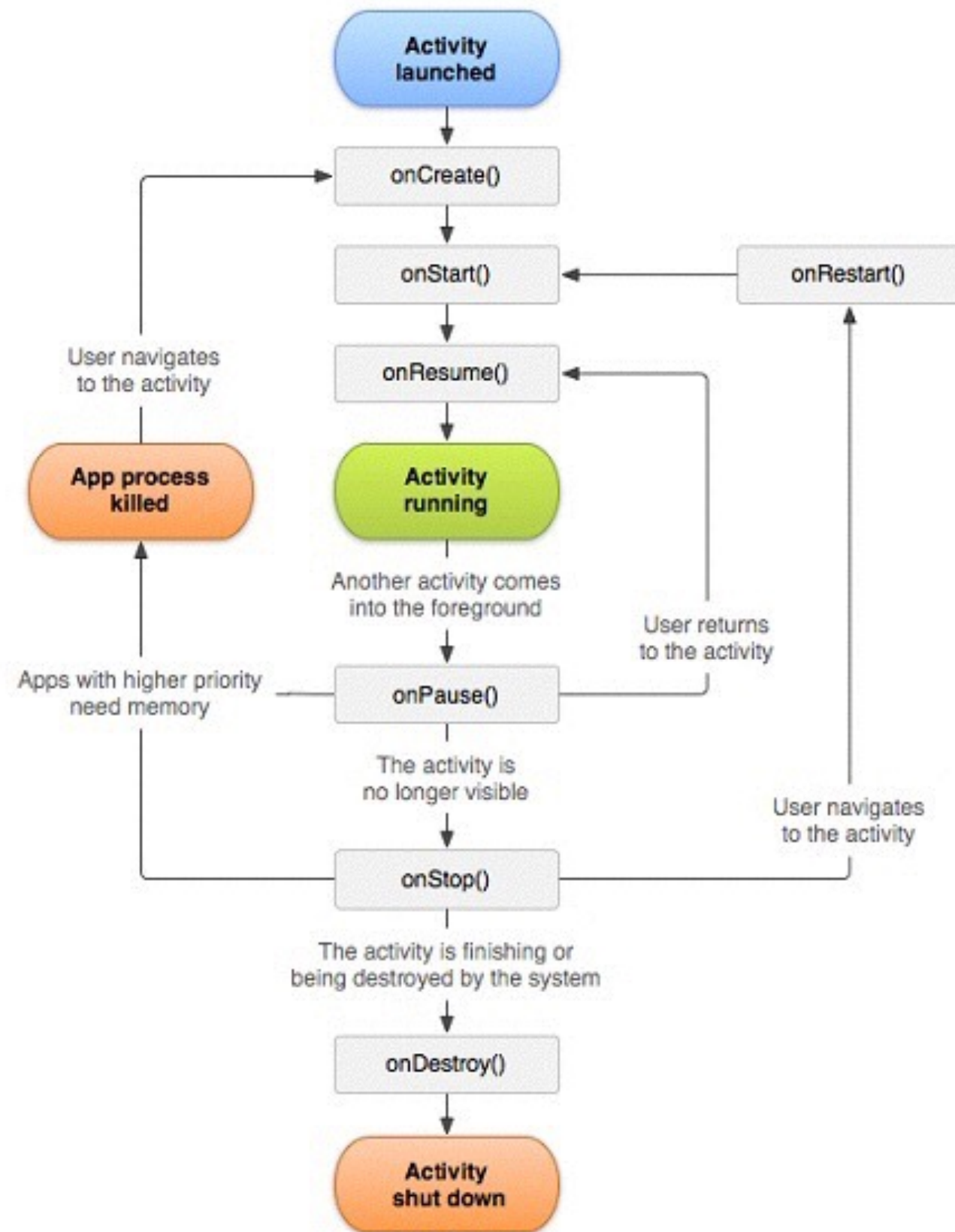
```
<application>
```

```
    <activity android:name=".MainActivity" />
```

```
    <activity android:name=".SecondaryActivity" />
```

```
</application>
```

ACTIVITY LIFECYCLE

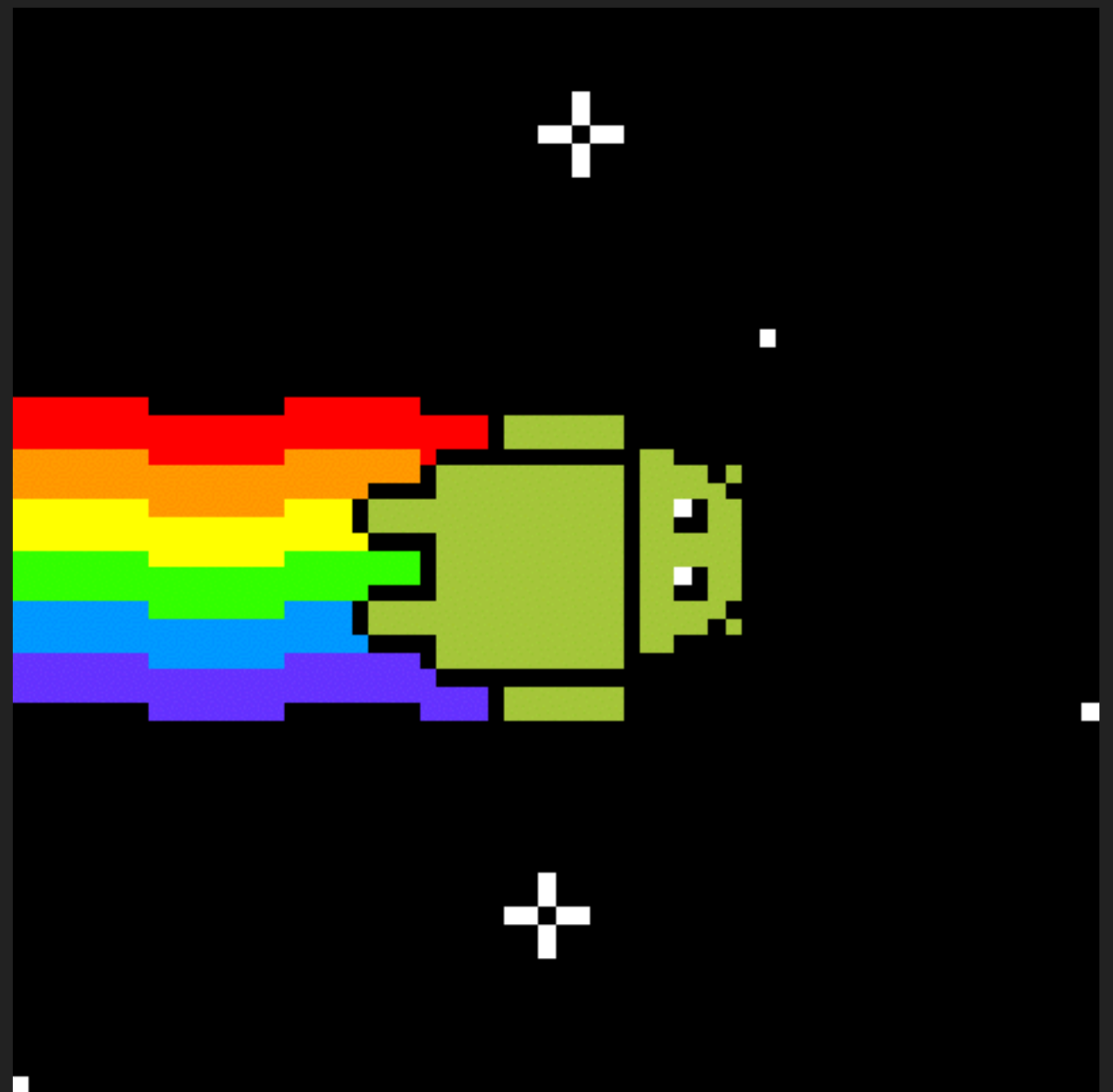


Much design

onCreate → onResume

onPause → onDestroy

LOGCAT



LOG METHODS

- ▶ `Log.v()`
- ▶ `Log.d()`
- ▶ `Log.i()`
- ▶ `Log.w()`
- ▶ `Log.e()`
- ▶ `Log.wtf()`

INTENTS

INTENTS

▶ Explicit (*Java class*)

- ▶ Inside app

▶ Implicit (*Action*)

- ▶ Outside app

INTENTS

```
Intent i = new Intent(context, SecondaryActivity.class);  
startActivity(i);
```

```
Intent i = new Intent(Intent.ACTION_SEND);  
i.putExtra(Intent.EXTRA_TEXT, "Hi! I'm a text.");  
startActivity(i);
```

INTENT RESULTS

```
Intent i = new Intent(context, SecondaryActivity.class);
startActivityForResult(i, 42);
```

```
@Override
```

```
protected void onActivityResult(int requestCode, int resultCode,
    Intent data) {
    super.onActivityResult(requestCode, resultCode, data);
    if (requestCode == 42 && resultCode == Activity.RESULT_OK) {
        // Do stuff
    }
}
```

BONUS: CAMERA INTENT

```
// Create intent
Intent cameraIntent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);

// Destination file
File photoDir = getExternalFilesDir(Environment.DIRECTORY_PICTURES);
File photoFile = File.createTempFile("banana", "jpg", photoDir);
cameraIntent.putExtra(MediaStore.EXTRA_OUTPUT, Uri.fromFile(photoFile));

// Launch camera
startActivityForResult(cameraIntent, 666);
```

**THAT'S ALL,
FOLKS!**

THAT'S ALL!

REFERENCE

- ▶ <https://github.com/schibsted-android-training>
- ▶ <http://d.android.com/intl/es/guide/topics/security/permissions.html>
- ▶ <http://d.android.com/intl/es/guide/components/activities.html>
- ▶ <http://d.android.com/intl/es/guide/components/intents-filters.html>

THAT'S ALL!

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- ▶ Schibsted Spain
- ▶ Mom and dad