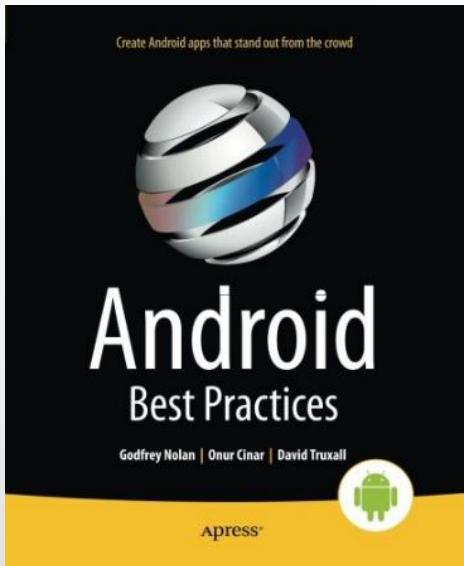


INTRO TO ANDROID

DAVID TRUXALL, PH.D.

ABOUT ME



spnsurvivors.org



<https://davidtruxall.com>

<https://github.com/davetrux/androidintro>



AGENDA

- JAVA
- ANDROID BASICS
- PROJECT STRUCTURE
- BUILD AN APP
- RUNNING THE APP

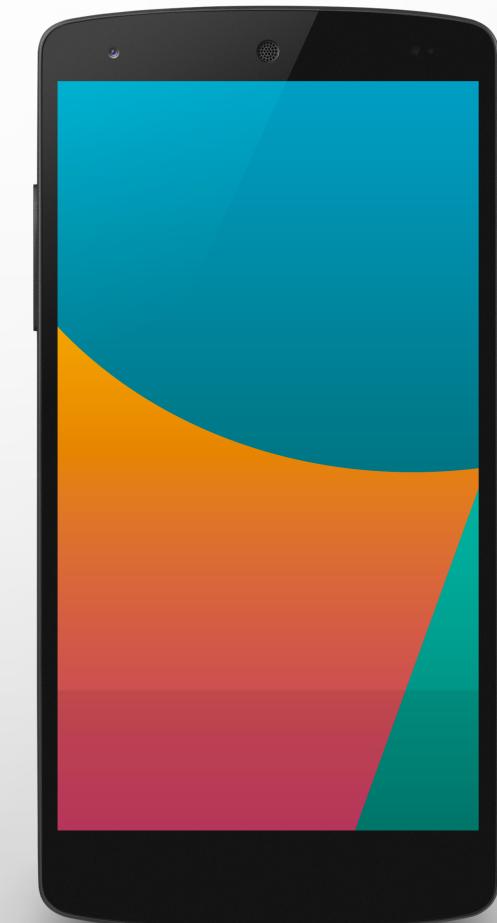
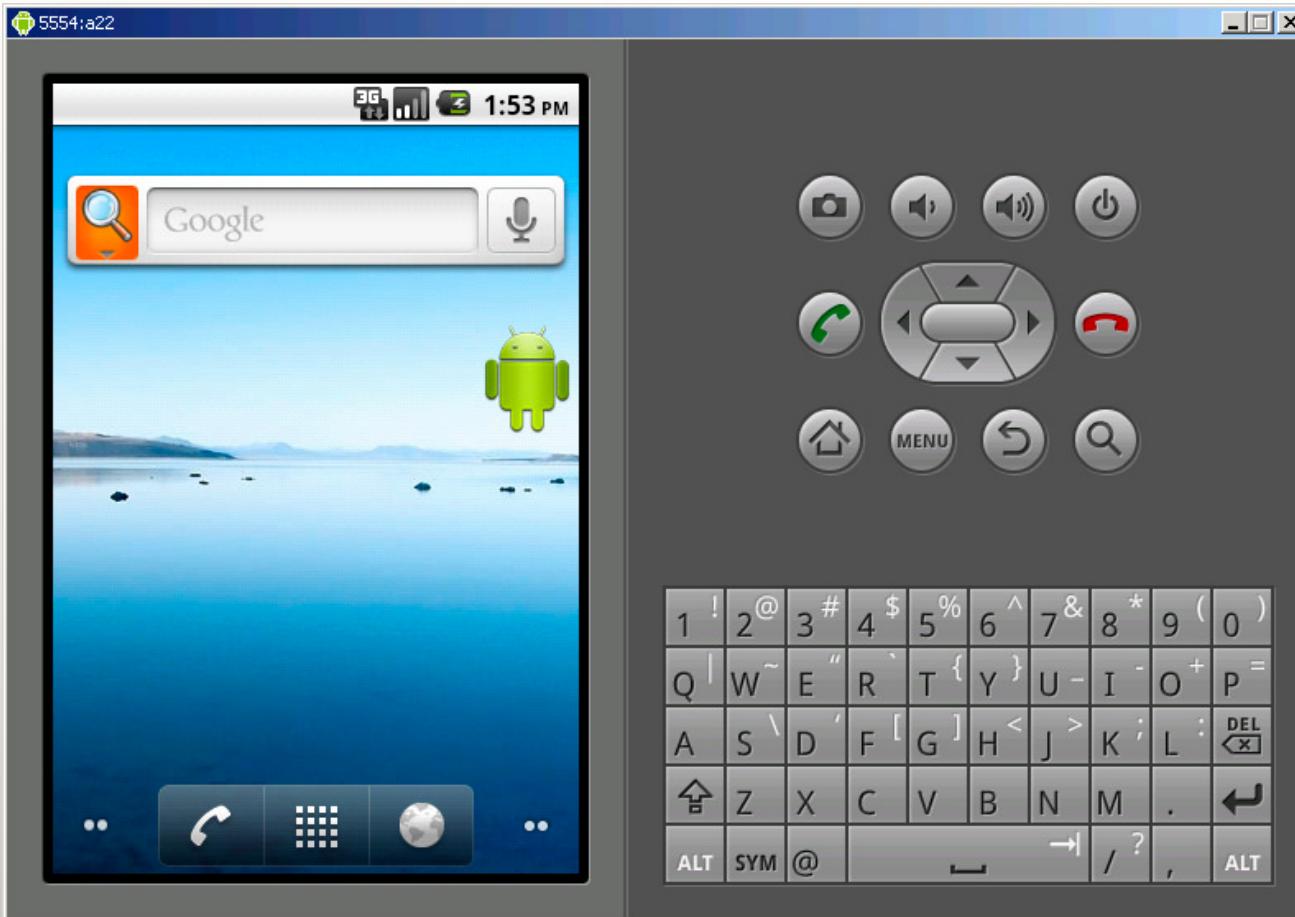
JAVA VS JAVA

- DALVIK VM / ATR
- JAR VS APK
- CLASS LIBRARIES

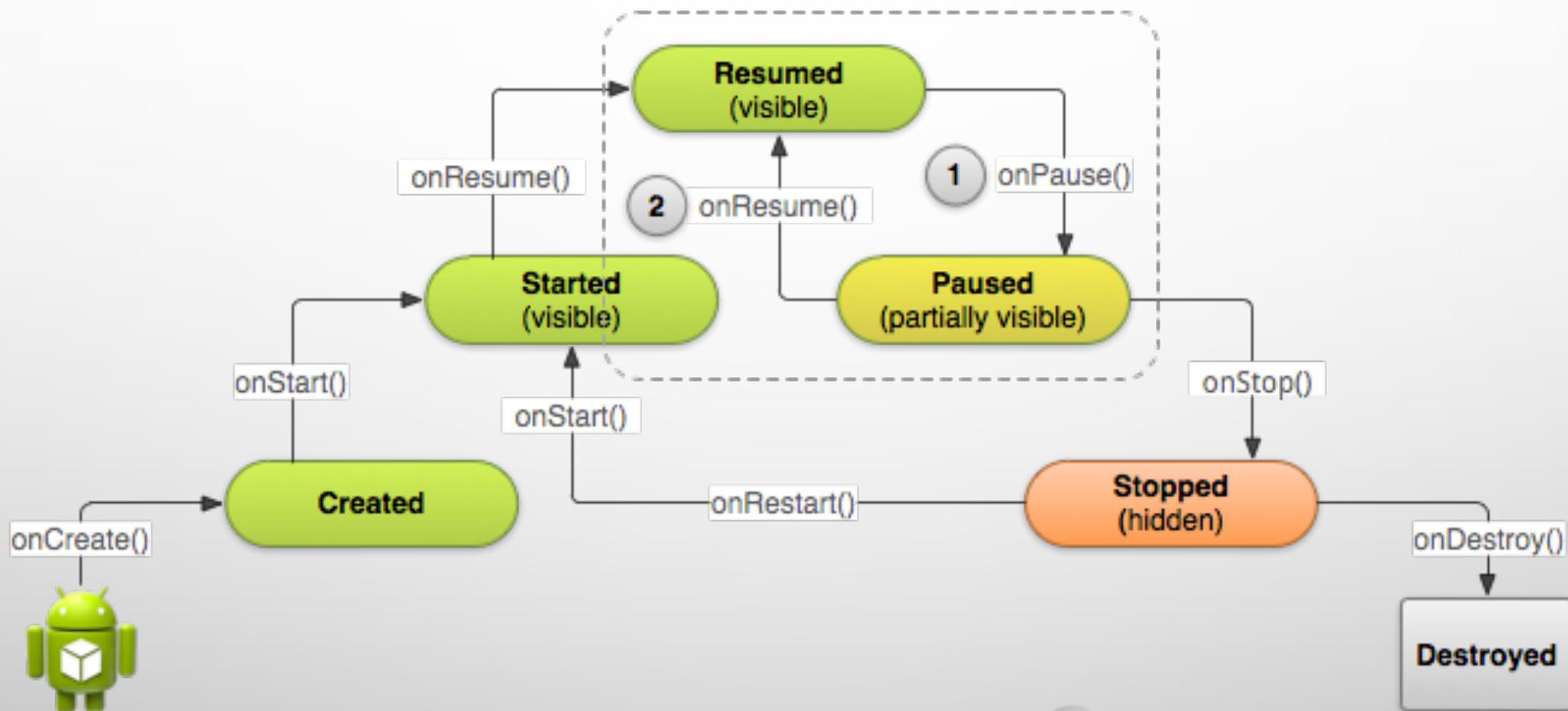
KOTLIN?



EMULATOR VS DEVICE



ACTIVITY LIFECYCLE



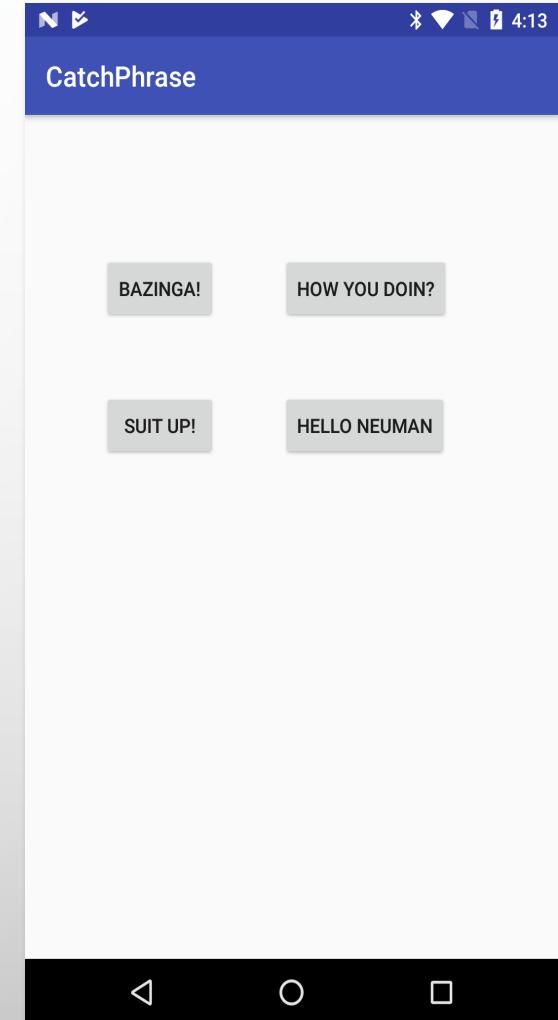
ACTIVITIES

```
<?xml version='1.0' encoding='utf-8'?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_height="match_parent"
    android:layout_width="match_parent">
    <Button
        android:id="@+id/bang"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="10px"
        android:layout_marginTop="10px"
        android:text="@string/quote"/>
</RelativeLayout>
```

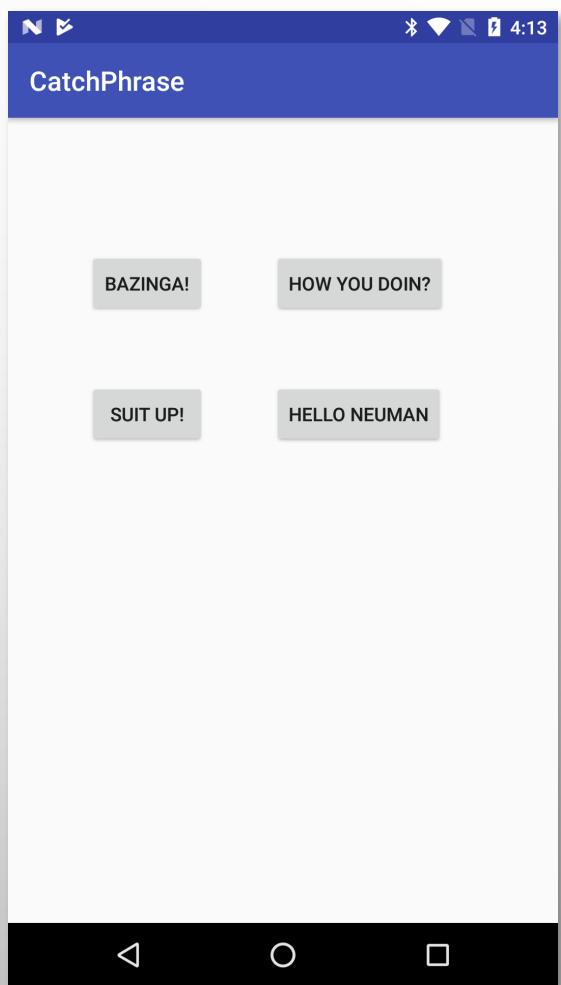
activity_main.xml

Inflation
in Java

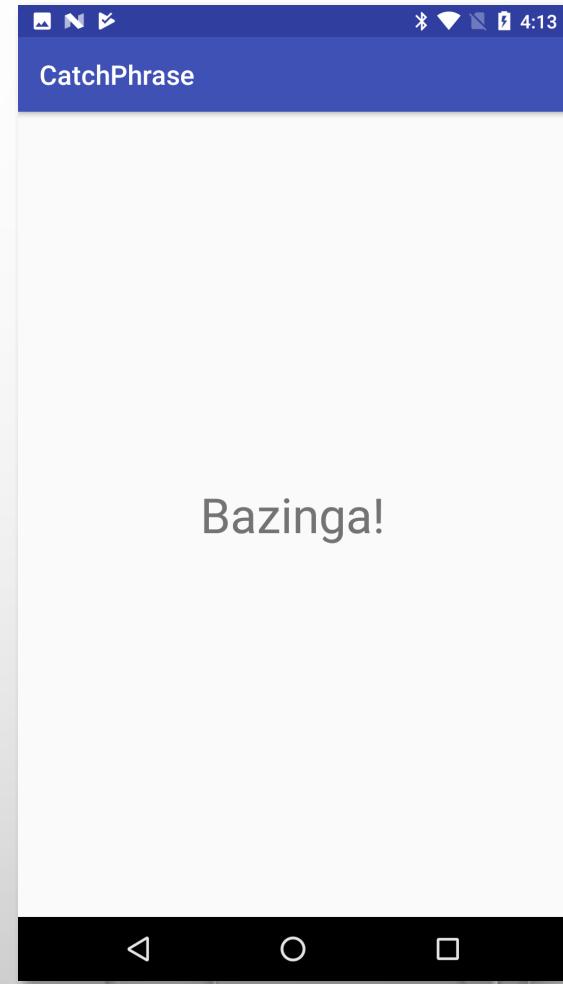
```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
}
```



MOVING AROUND



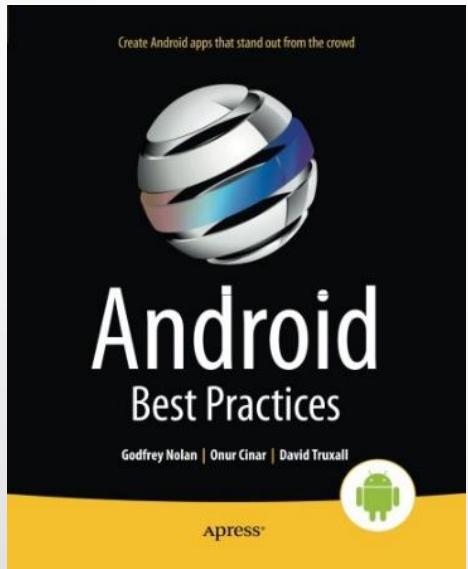
Intent



ANDROID STUDIO



SHAMELESS PLUG



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