

Preparing your app for Google Play Instant





Super Duper Exclusive London Preview











Friction



IMMOBILIEN
SCOUT 24

youtube.com/MakStudios

HUFF
POST





Google Play Instant

Performance

- Monolith
- Feature artifacts
- Parallel builds [Citation Needed]

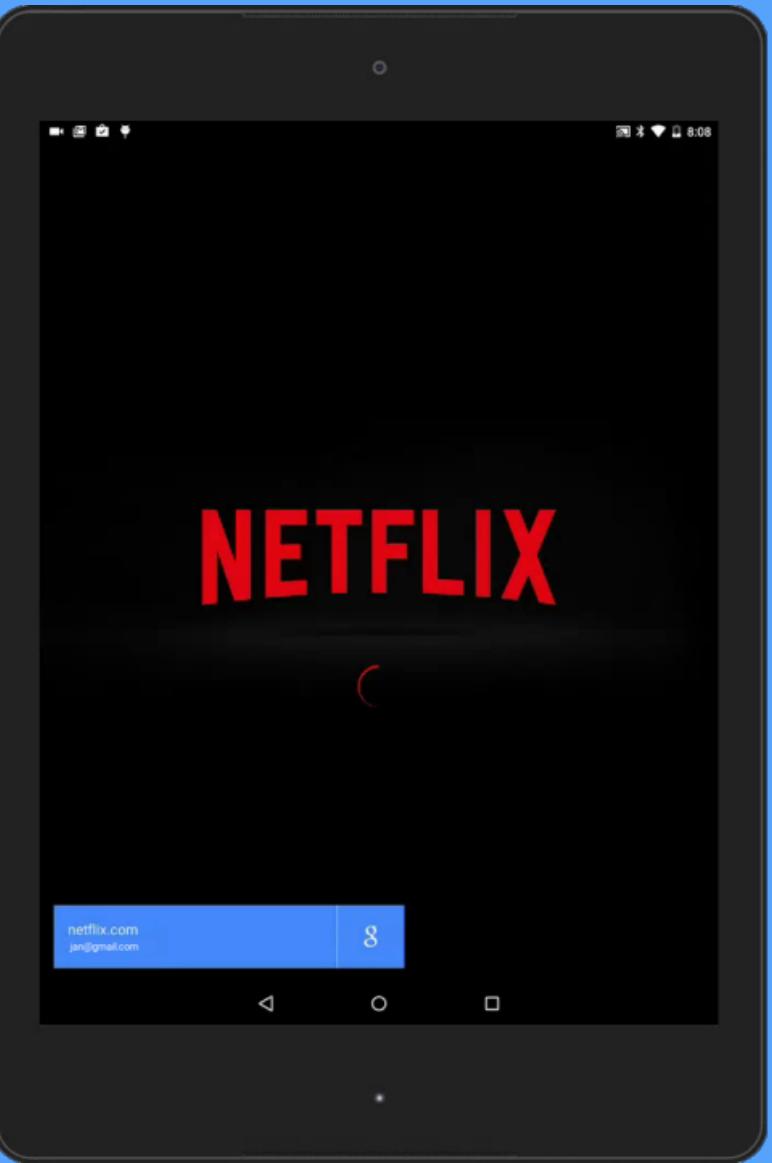


Security



HTTPS

Smart Lock





Play Billing Library

Runtime Permissions

- ACCESS_COURSE_LOCATION
- ACCESS_FINE_LOCATION
- ACCESS_NETWORK_STATE
- BILLING (Deprecated as of Play Billing Library 1.0)
- CAMERA
- INSTANT_APP_FOREGROUND_SERVICE (Only in Android Oreo)
- INTERNET
- READ_PHONE_NUMBERS (Only in Android Oreo)
- RECORD_AUDIO
- VIBRATE

Limitations



Background Services

External Storage



Local Storage

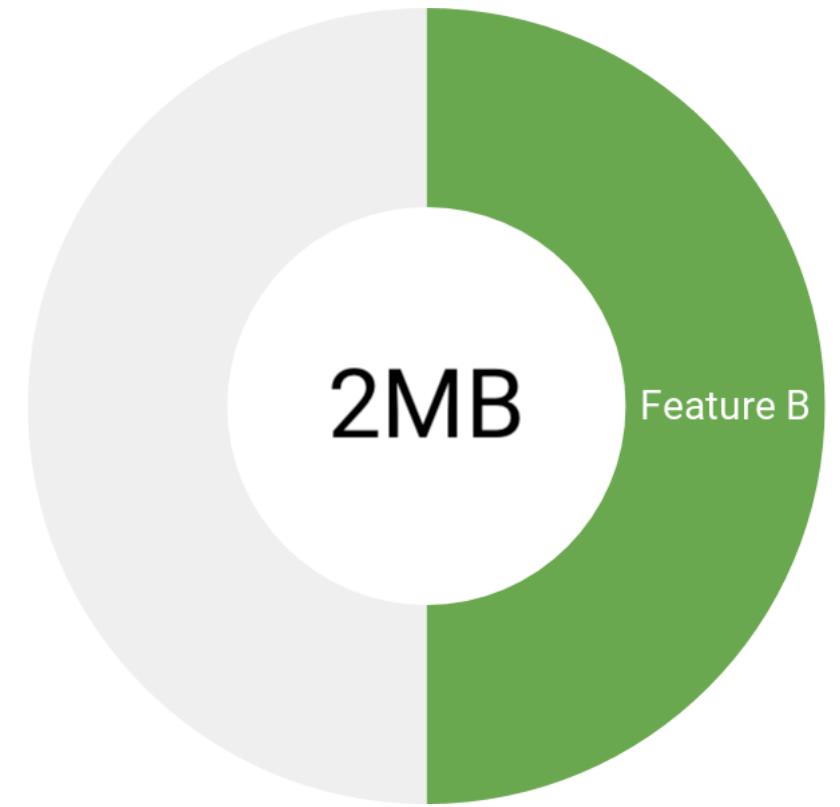
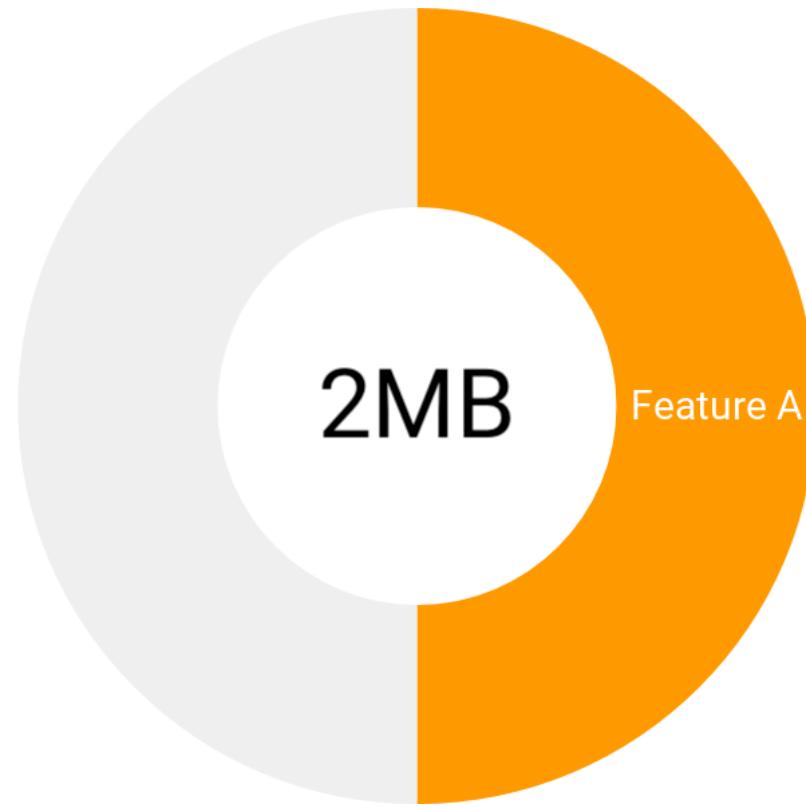
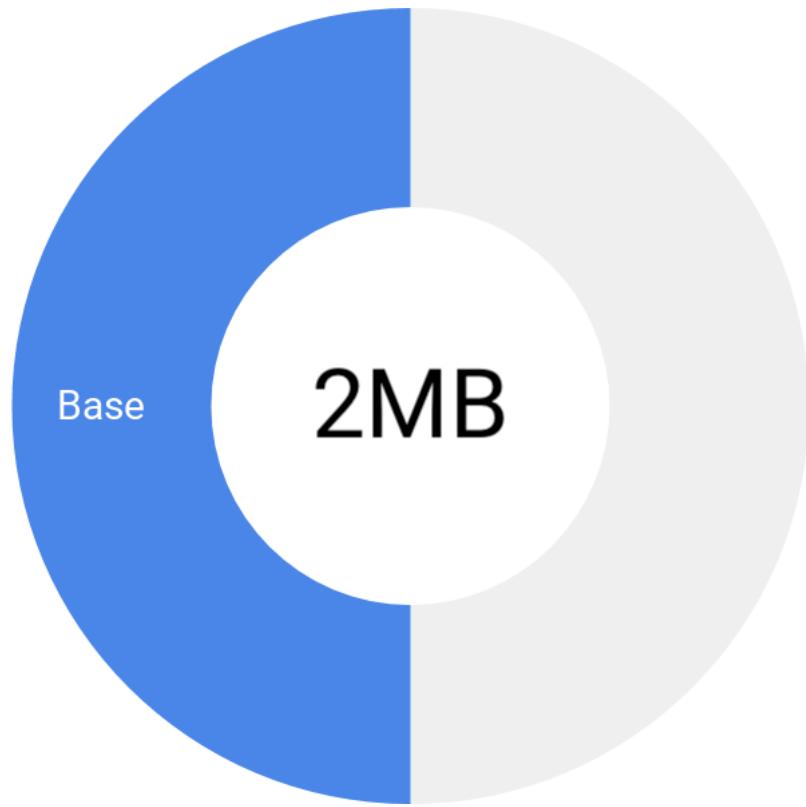


Cookie API

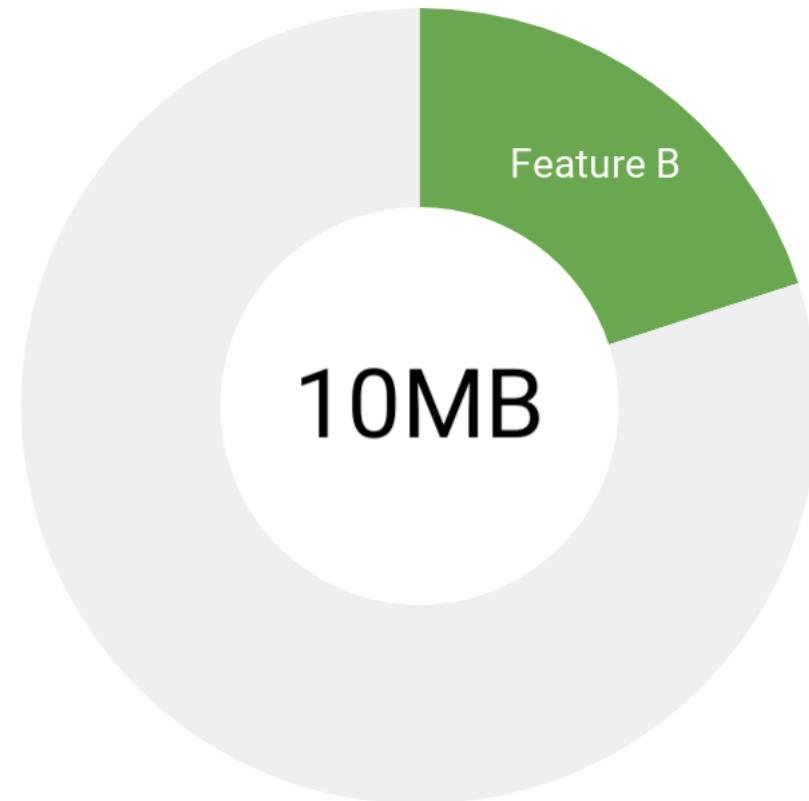
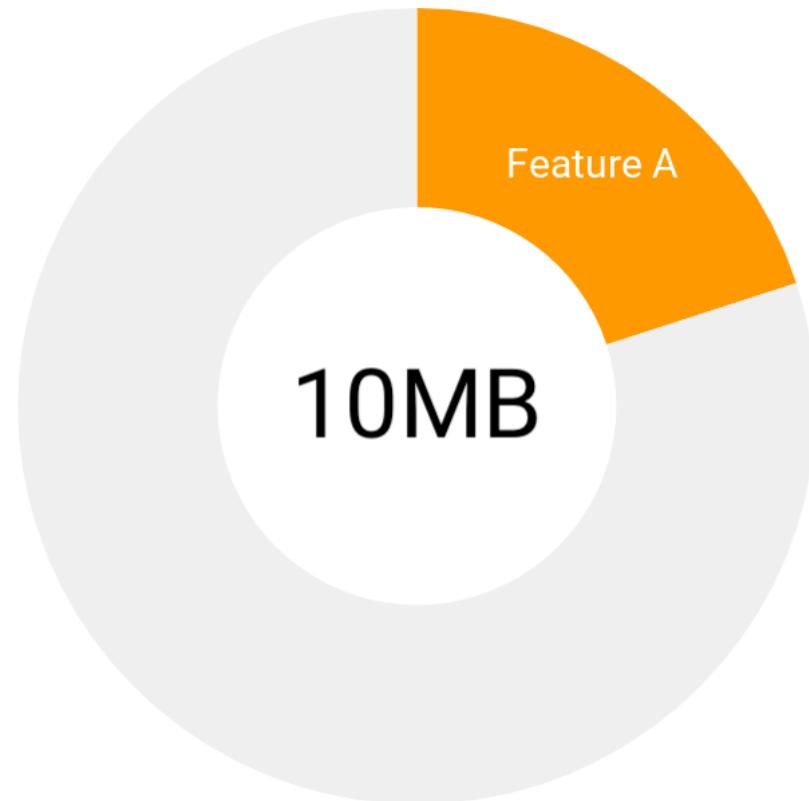
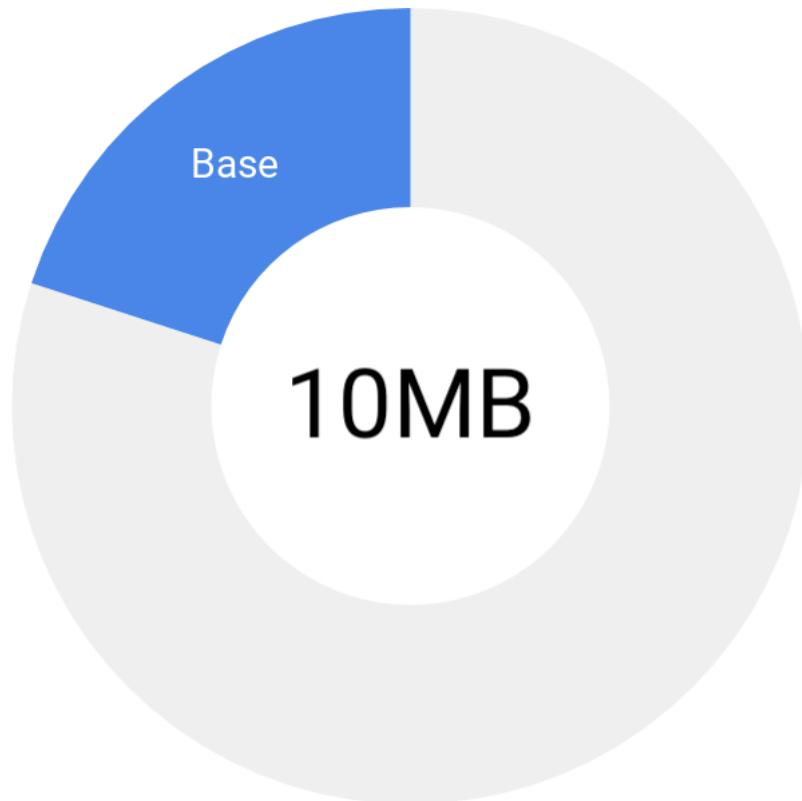
Push Notifications

Bluetooth

Size Limit (4 Mb)



Size Limit (10 Mb) 💪



History

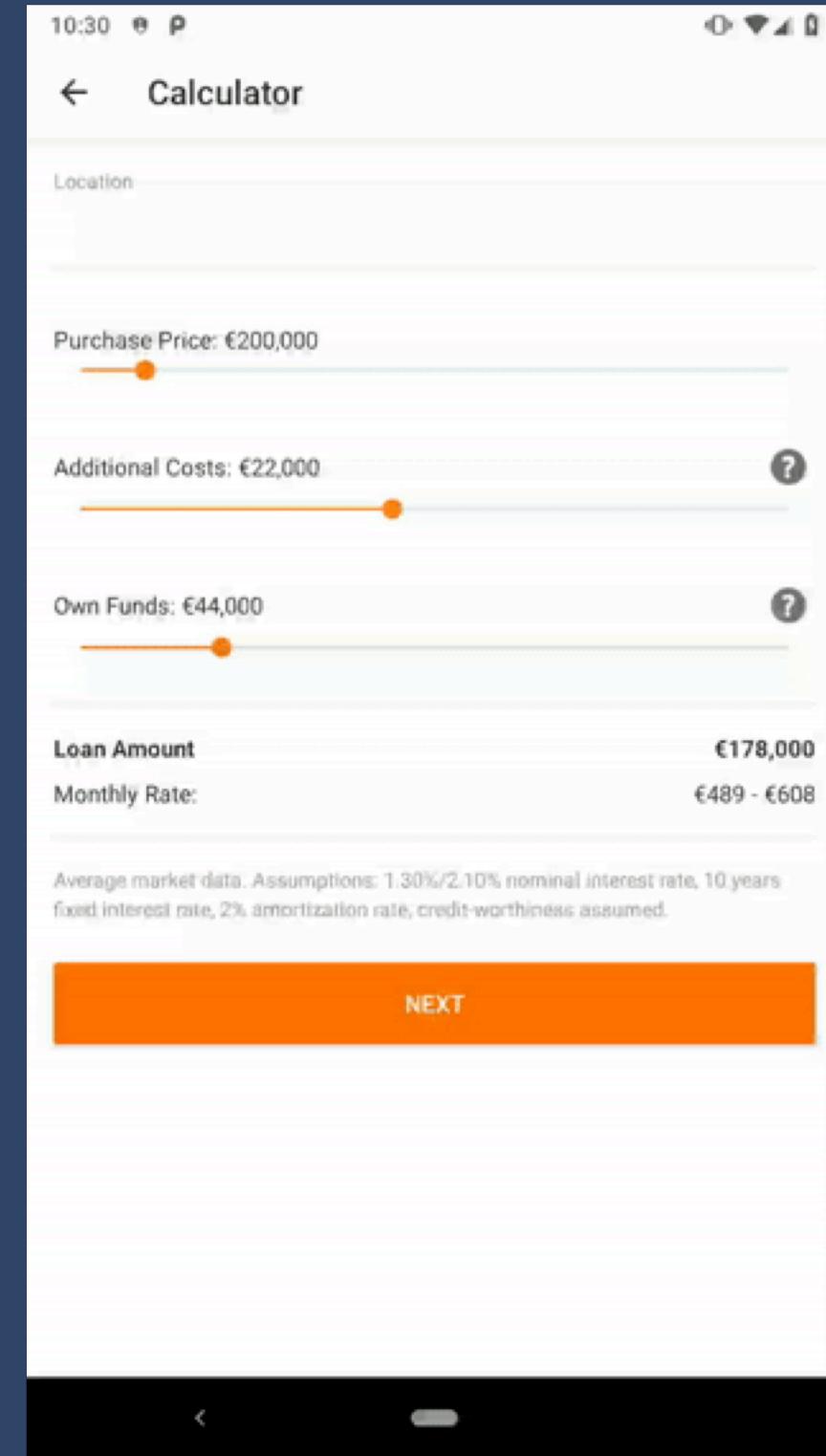


**IMMOBILIEN
SCOUT24**



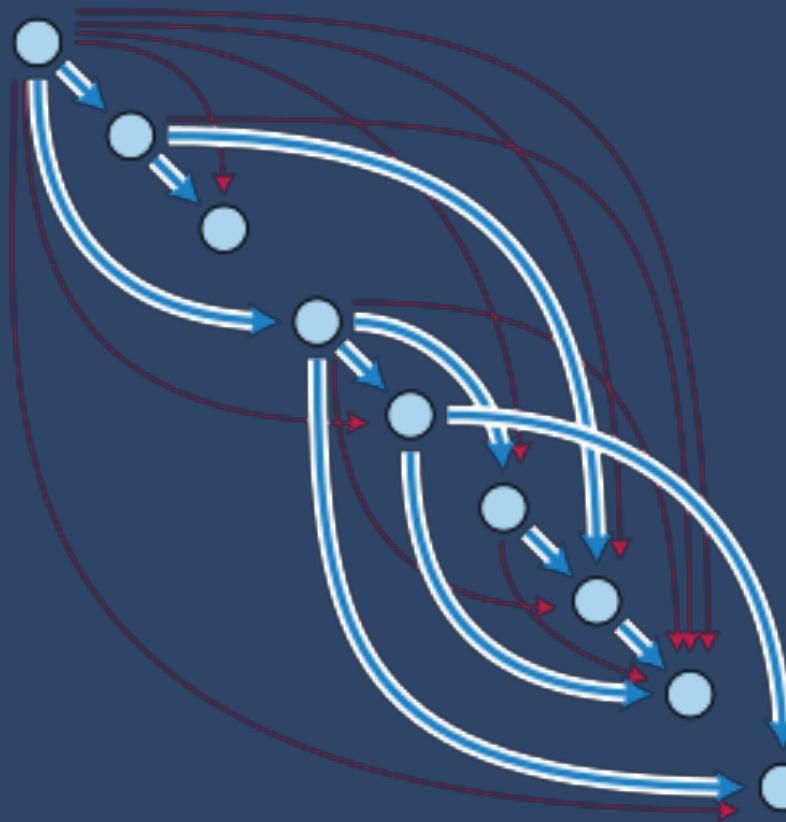
The Monolith

Location Input





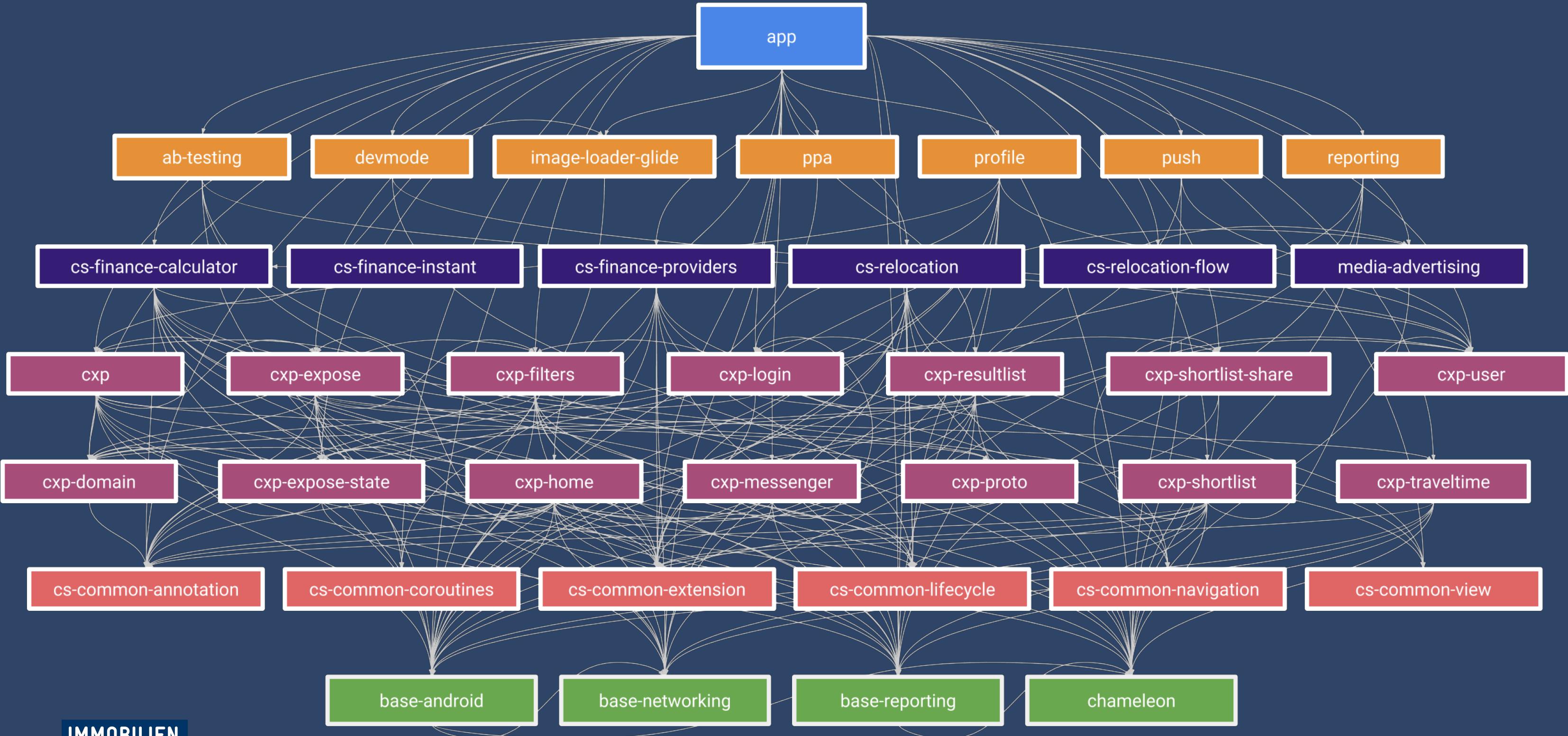
Dependency Graph



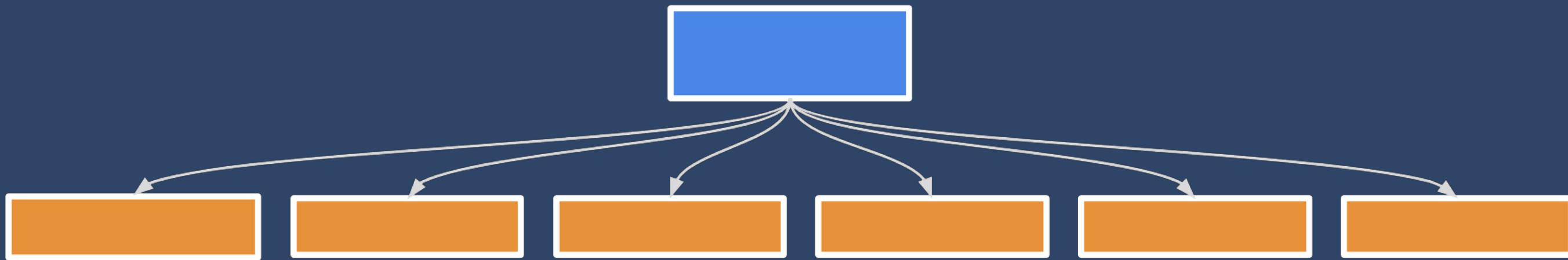
app



search



Flat Hierarchy





Kotlin





Analysis

Modularisation

Dagger

Optimisations

- Proguard (minifyEnabled)
- SVG assets (optimised)

Libraries

#RxMustDie



12:20

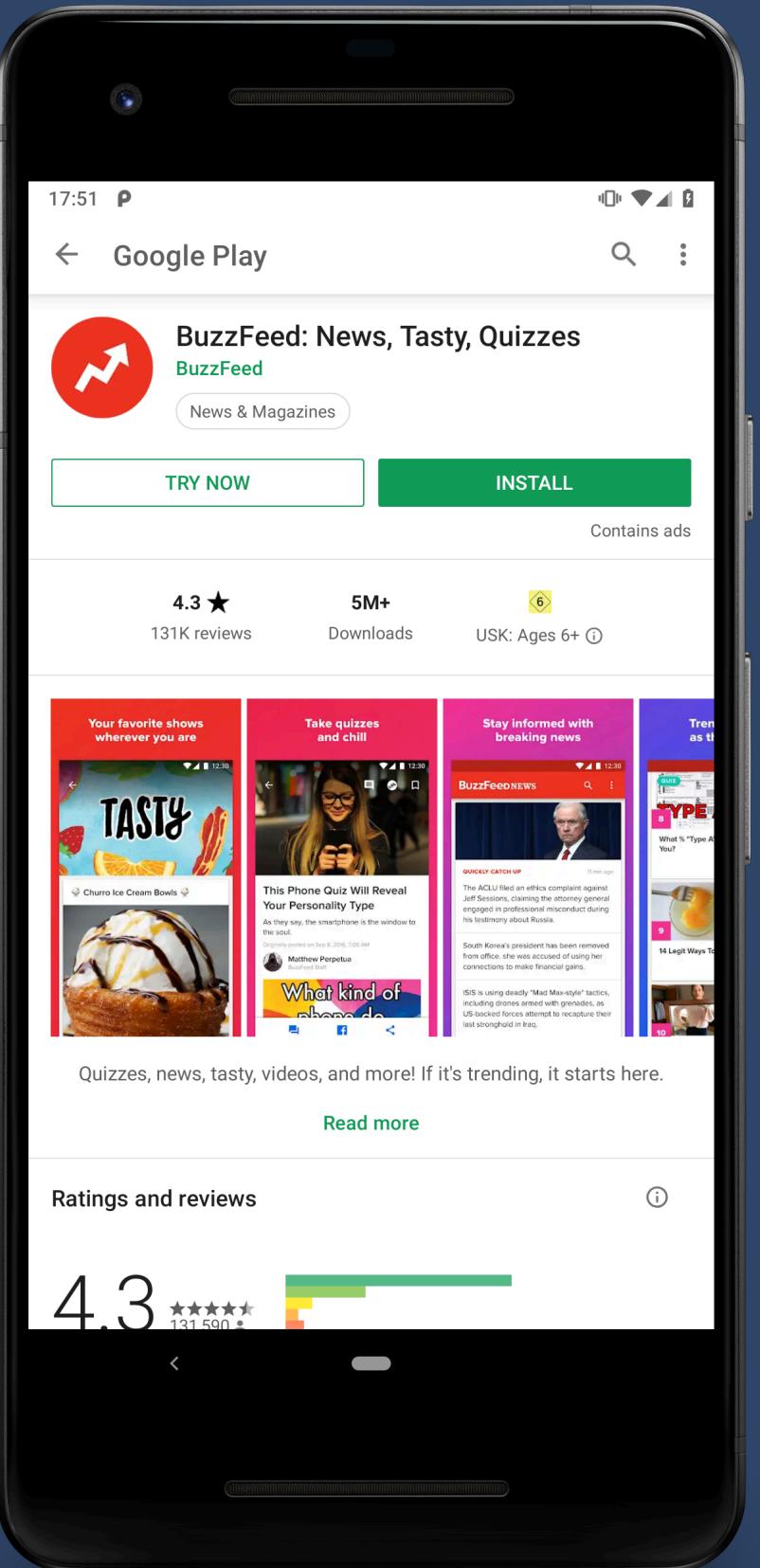




Kotlin



Try Now



Navigation

```
<activity android:name=".calculator.FinanceCalculatorActivity">

    <intent-filter>

        <action android:name="android.intent.action.VIEW"/>

        <category android:name="android.intent.category.DEFAULT"/>
        <category android:name="android.intent.category.BROWSABLE"/>

        <data android:host="www.immobilienscout24.de"
              android:pathPrefix="/baufinanzierung/finanzierungsrechner/"
              android:scheme="https"/>

    </intent-filter>

    <meta-data android:name="default-url"
              android:value="https://www.immobilienscout24.de/baufinanzierung/finanzierungsrechner/" />

</activity>
```

Topeka

github.com/googlesamples/android-topeka

Plaid

github.com/nickbutcher/plaid

Current State

Next Steps

Cheers! 🍻

