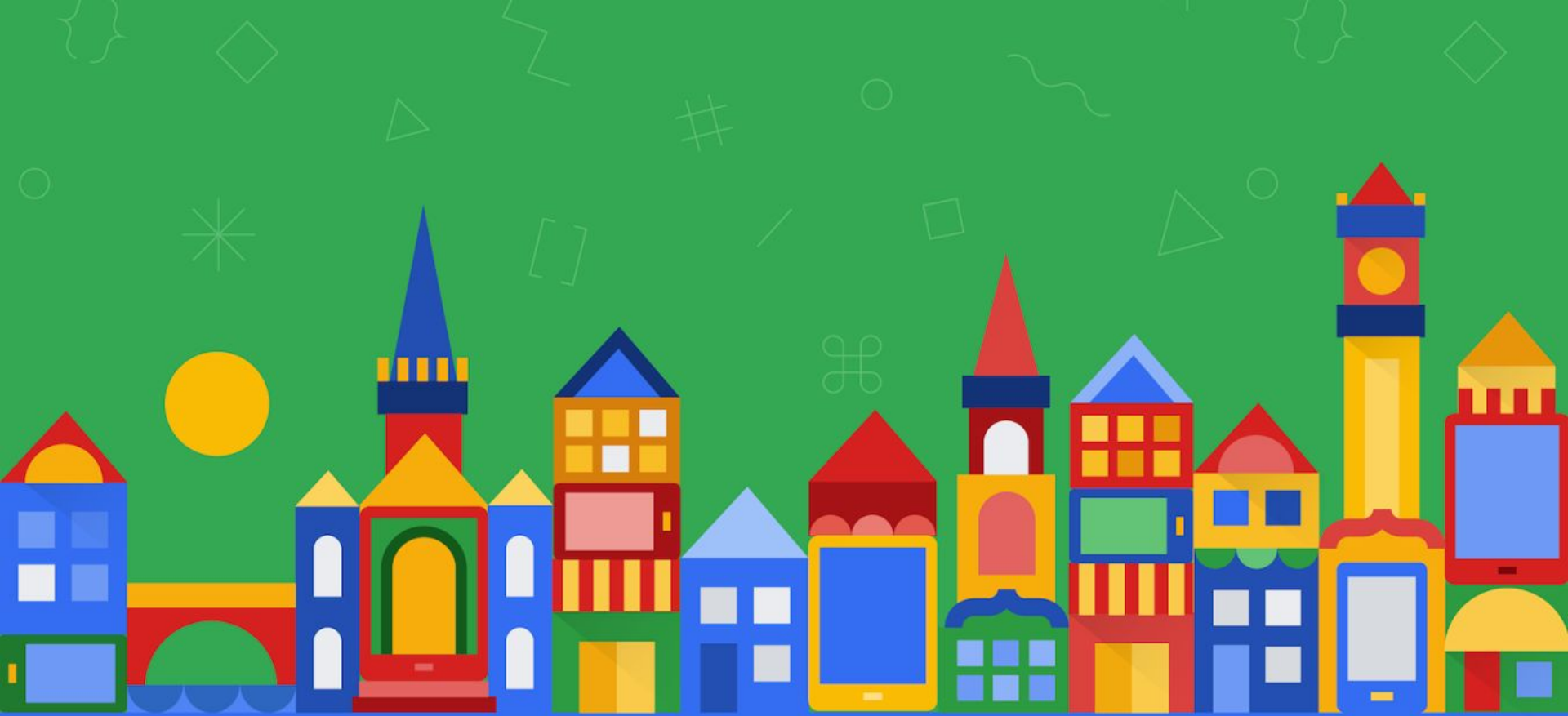




Google Developer Days

#GDDEurope

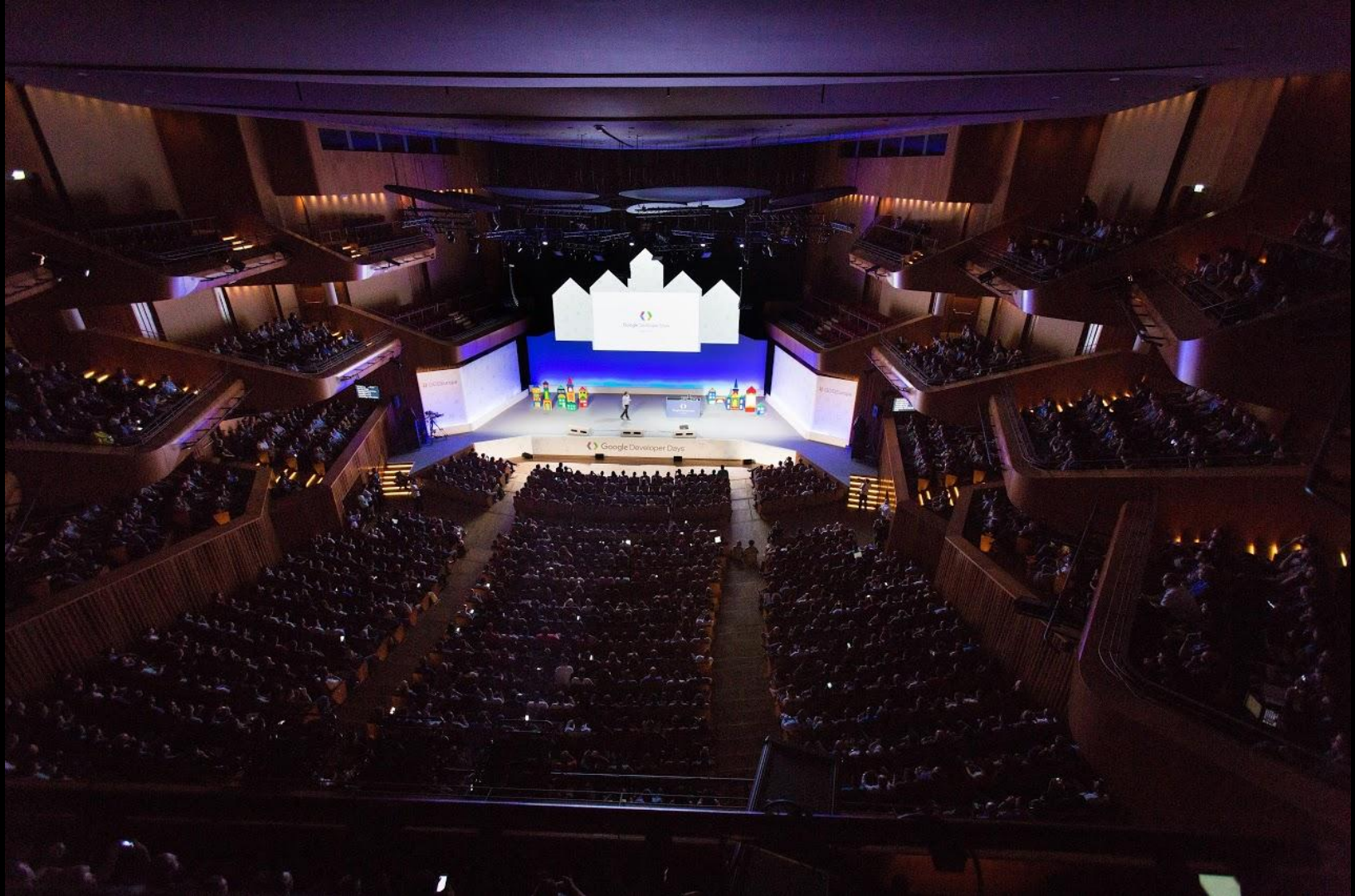


#GDDEurope



Google Developer Days

Europe 2017








Google Developer Days
Europe 2017

#GDDEurope


Google Developer Days
Europe 2017

Google Developer Days





```
$ flutter create **appname**
```

Google Developer Days

```
$ flutter create **appname**
```

Google Developer Days

Google Developer Days

```
$ flutter create **appname**
```






Community Programs Sign Up

 Google Developer Days





...working on name

Community Programs Sign Up

Community Programs Sign Up

Developer Days

GDD UK & Ireland

Community Programs Sign Up

This booth is sponsored by a 2022 Developer Days partner



Keynote Highlights

g.co/dev/certification

Android & Mobile Web



Kotlin support built into
Android Studio!



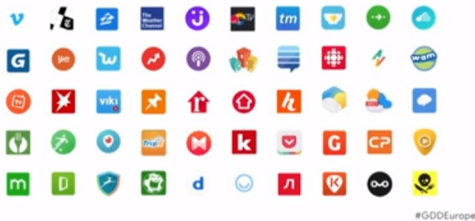
2B active developers

82B apps installed

35% more developers

900M devices, 140 operators

Android Instant Apps



Open to everyone:
g.co/dev/InstantApps

Architecture Components



ViewModel



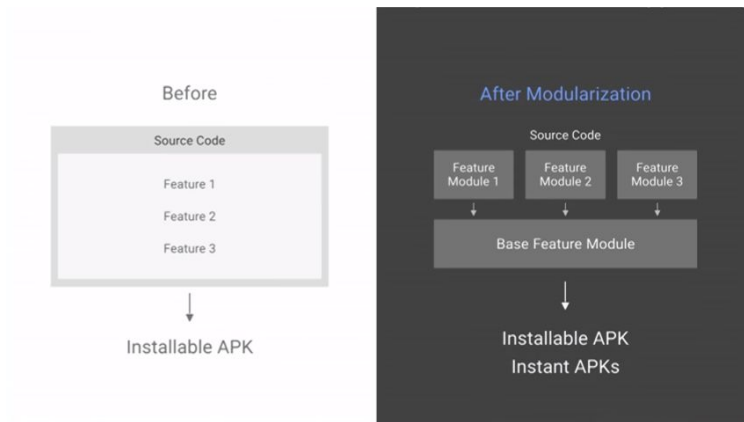
Data Storage



Lifecycle Management

+paging for recyclerview

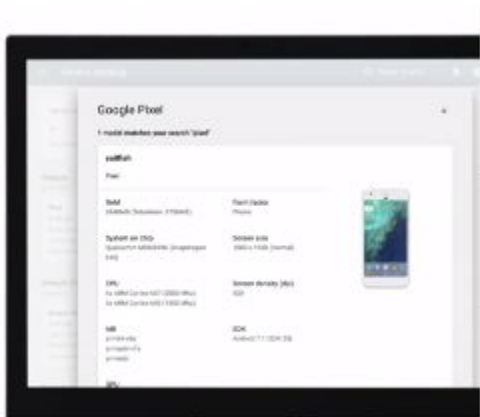
Instant Apps



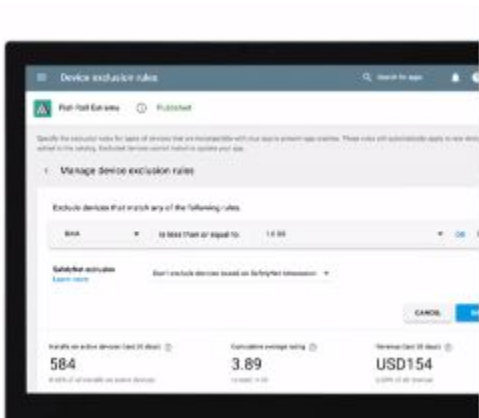
Modularize in Android Studio

The screenshot shows the "Modularize: Preview Classes and Resources to Be Moved" dialog in Android Studio. The dialog lists various classes and resources to be moved, including SignInActivity, SignInFragment, Avatar, and various adapters and helpers. At the bottom, it shows a summary: "Classes: 4", "Methods: 26", "Resource files: 15", and "Size: ~37". A "Cancel" button is visible in the bottom right corner.

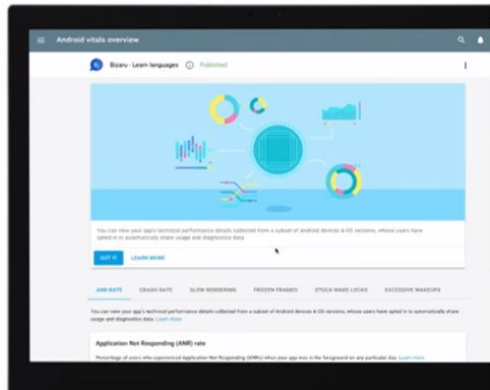
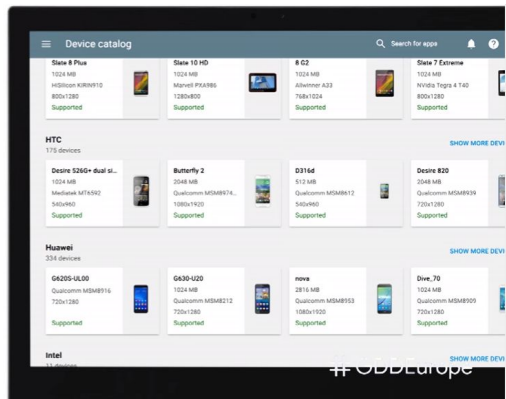
Device Targeting

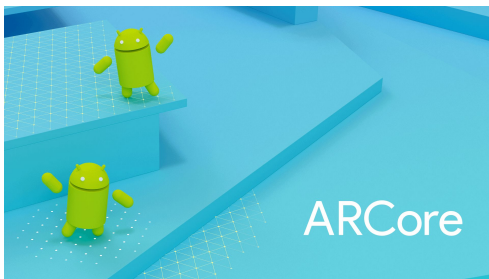


Installs, Ratings and Revenue, by Device



Play Console Android Vitals Dashboards





ARCore SDK Preview

Motion tracking

Environmental understanding

Light estimation

developers.google.com/ar

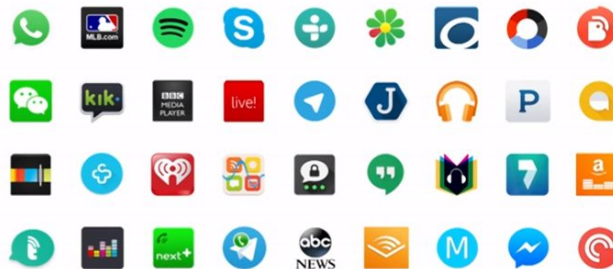
70 countries

androidtv

3000+ apps in the Android TV
playstore

androidauto

Hundreds of apps



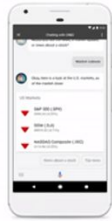
#GDDEurope

Google Assistant

New UI options



Image carousels



Lists



Suggestion chips

#GDDEurope



Order updates

- 100M+ devices

- Expanded capabilities

- Better developer experience

#GDDEurope

Seamless transition



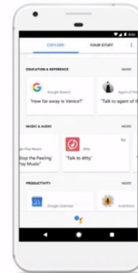
Voice



Type



Tap



App directory

#GDDEurope

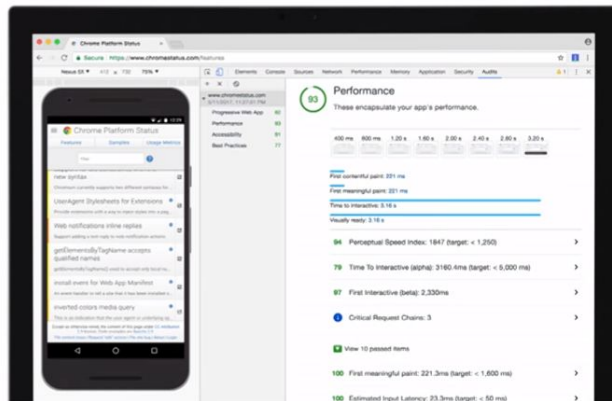
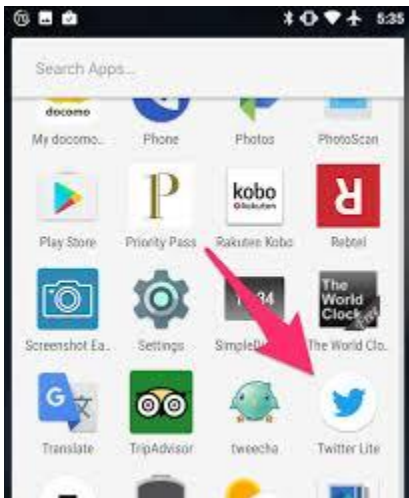
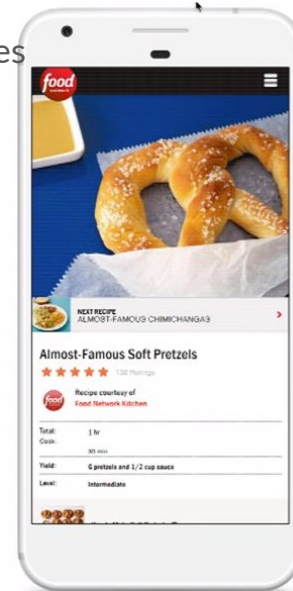


2B instances of Chrome

Accelerated Mobile Pages

2B+ Pages

900K+ Domains



Lighthouse integrated to chrome dev tools



Develop

- Authentication
- Cloud Storage
- Hosting
- Test Lab
- Realtime Database
- Cloud Functions
- Crash Reporting
- Performance Monitoring

Grow

- Analytics
- Dynamic Links
- App Indexing
- AdWords
- Cloud Messaging
- Remote Config
- Invites
- AdMob

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1M+ Developers

firebase.google.com/dev-summit-17



60,000 scholarship challenge

Android & Mobile Web Development

Less operations →



Cloud Functions



App Engine

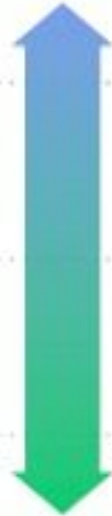


Container Engine



Compute Engine

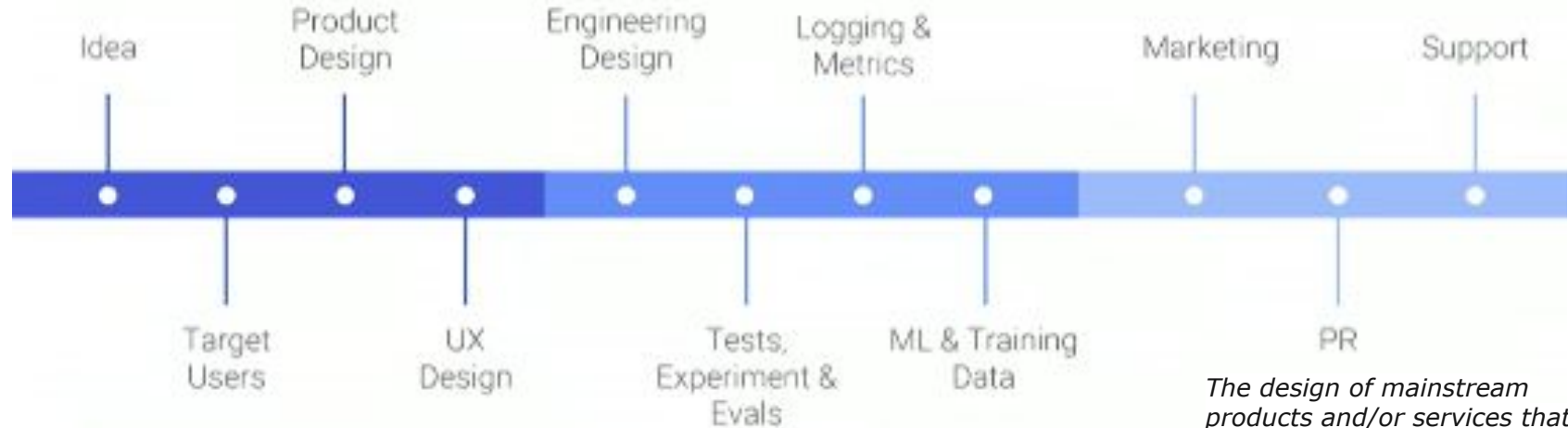
→ More flexibility and control



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<https://www.youtube.com/watch?v=rNux9AnNCVE&t=1019s>

Inclusive Design and Product Development



The design of mainstream products and/or services that are accessible to, and usable by, as many people as reasonably possible ... without the need for special adaptation or specialised design

<https://www.youtube.com/watch?v=ZgaQn9coYfU>

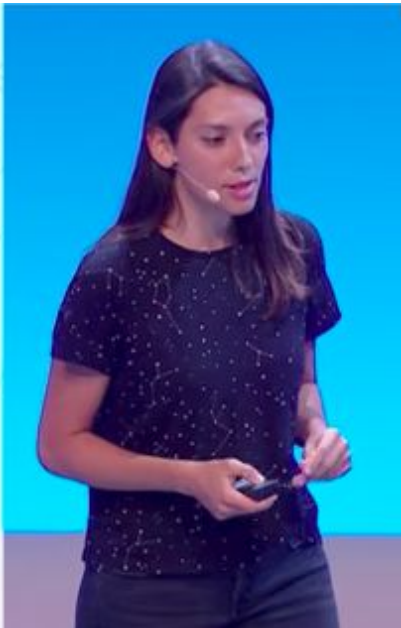
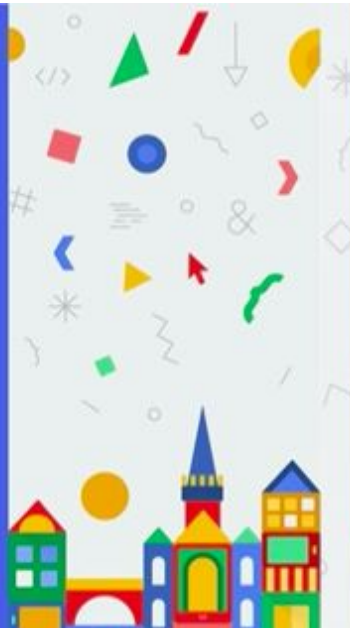


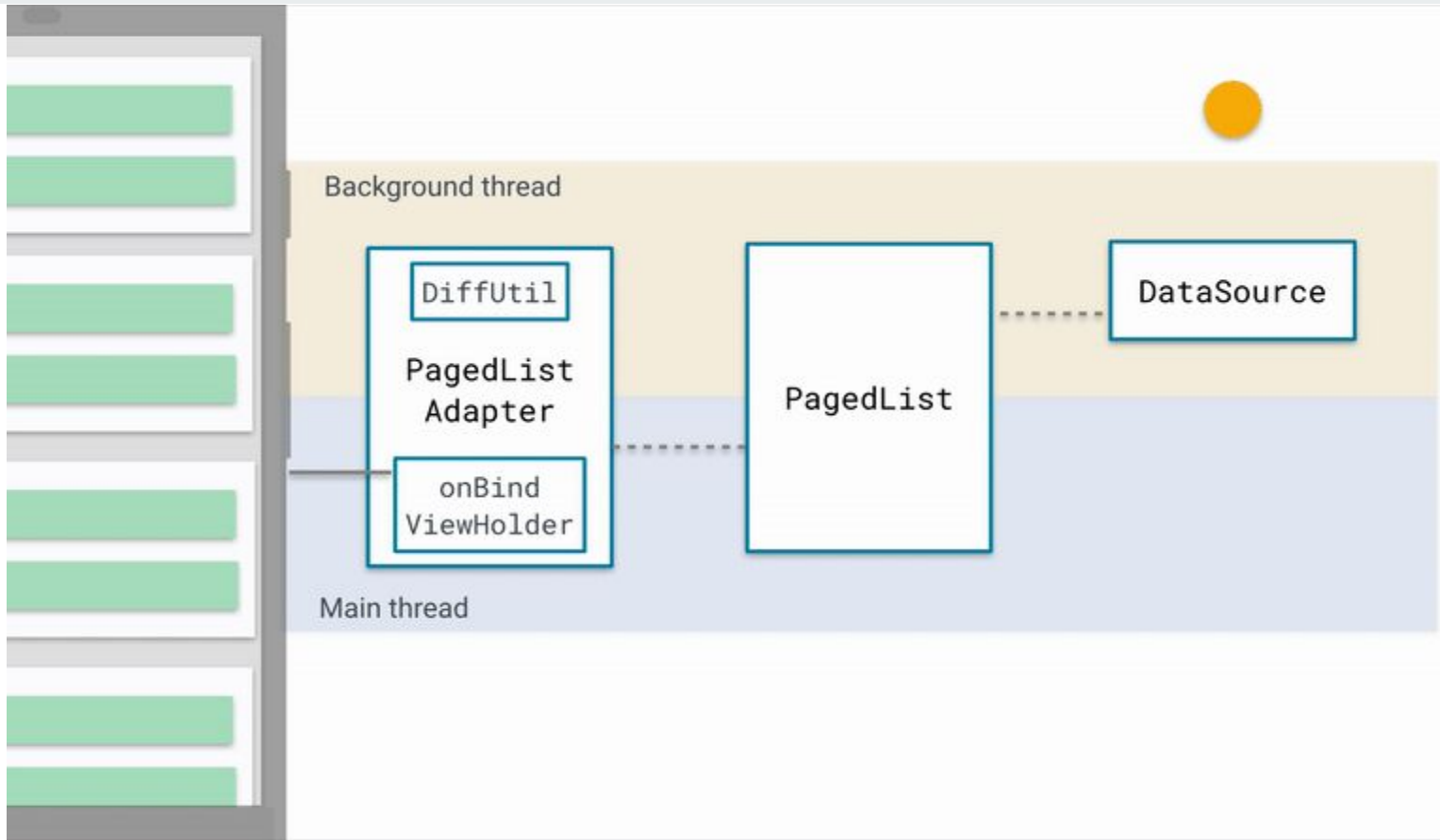
New Architecture Component

Paging

`android.arch.util.paging`

`android.support.v7.recyclerview.extensions`





Thank You!



+ElifBoncuk
@elifbon_