

# Developing Android Applications with Kotlin: Custom Views Playbook

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## GETTING STARTED



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ANDROID ARCHITECT

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# Note Keeper App

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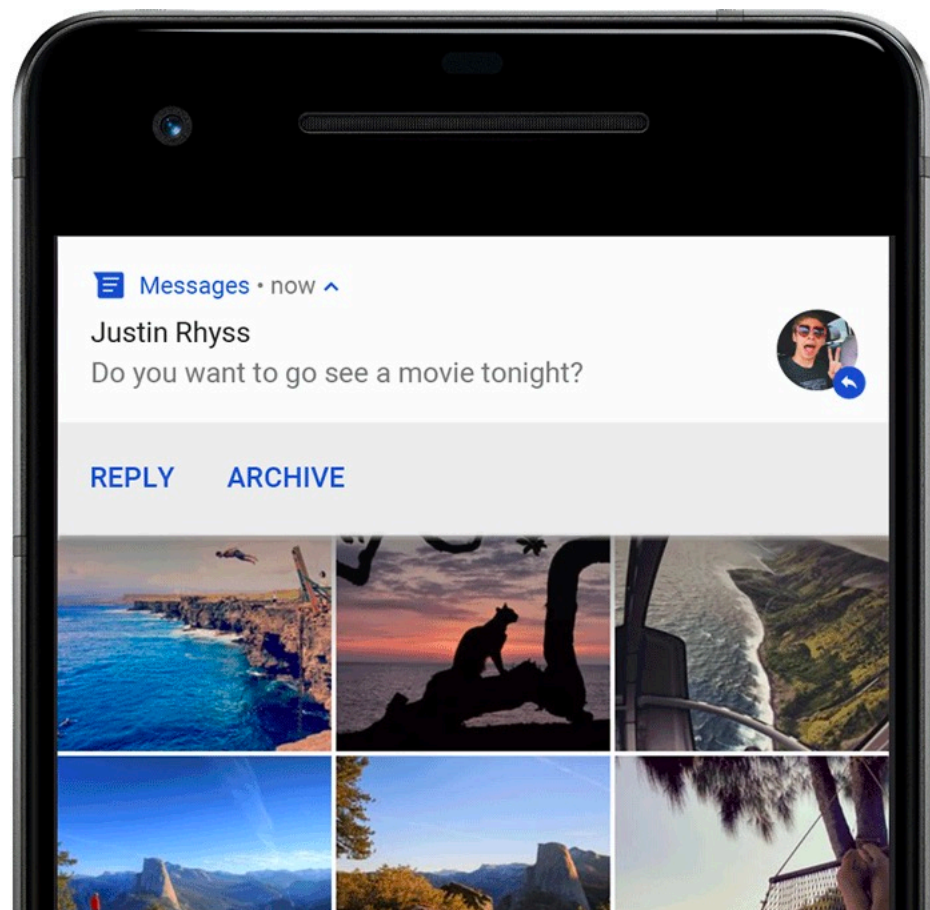


# Custom Views

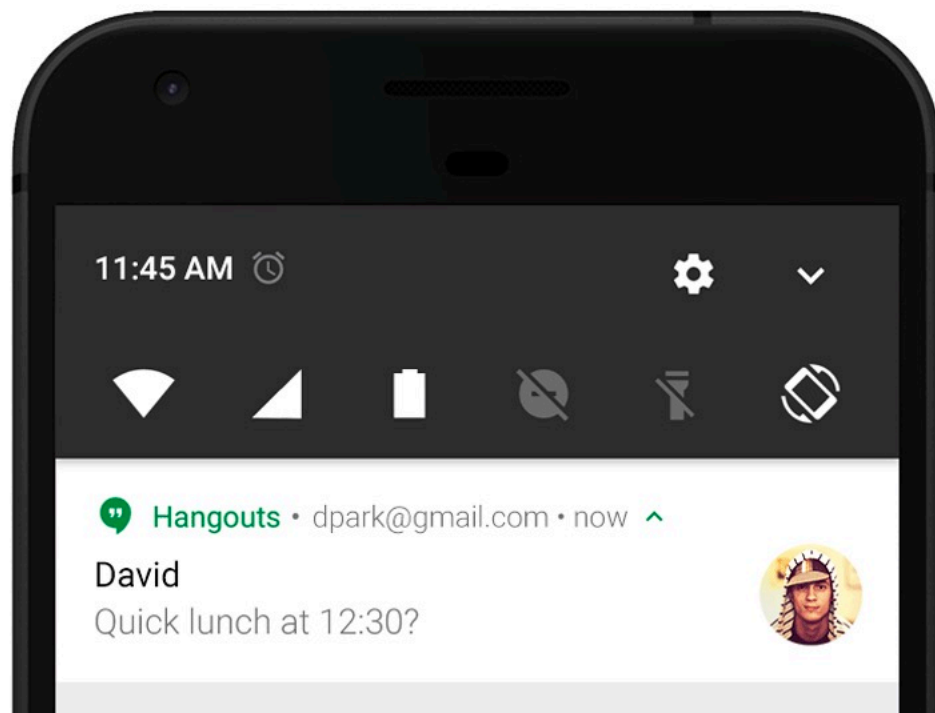
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# Notifications



# Notifications



# Notification Styles



Messaging



Images

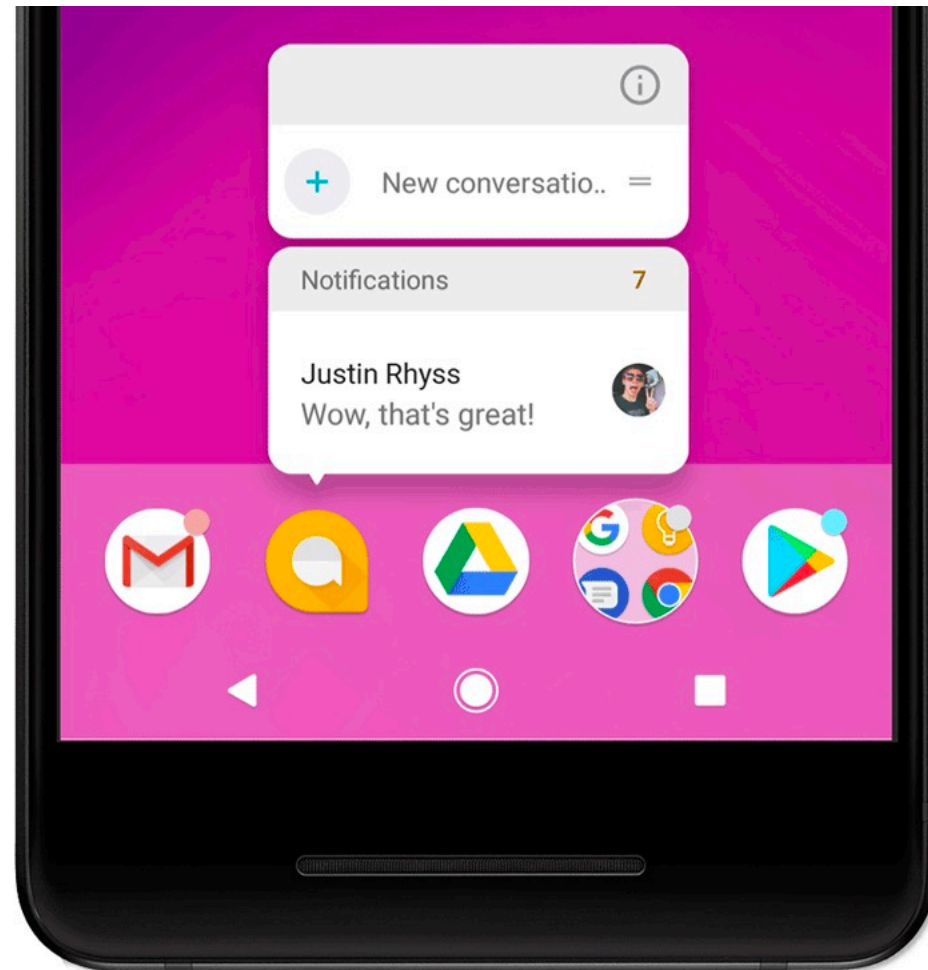


Email

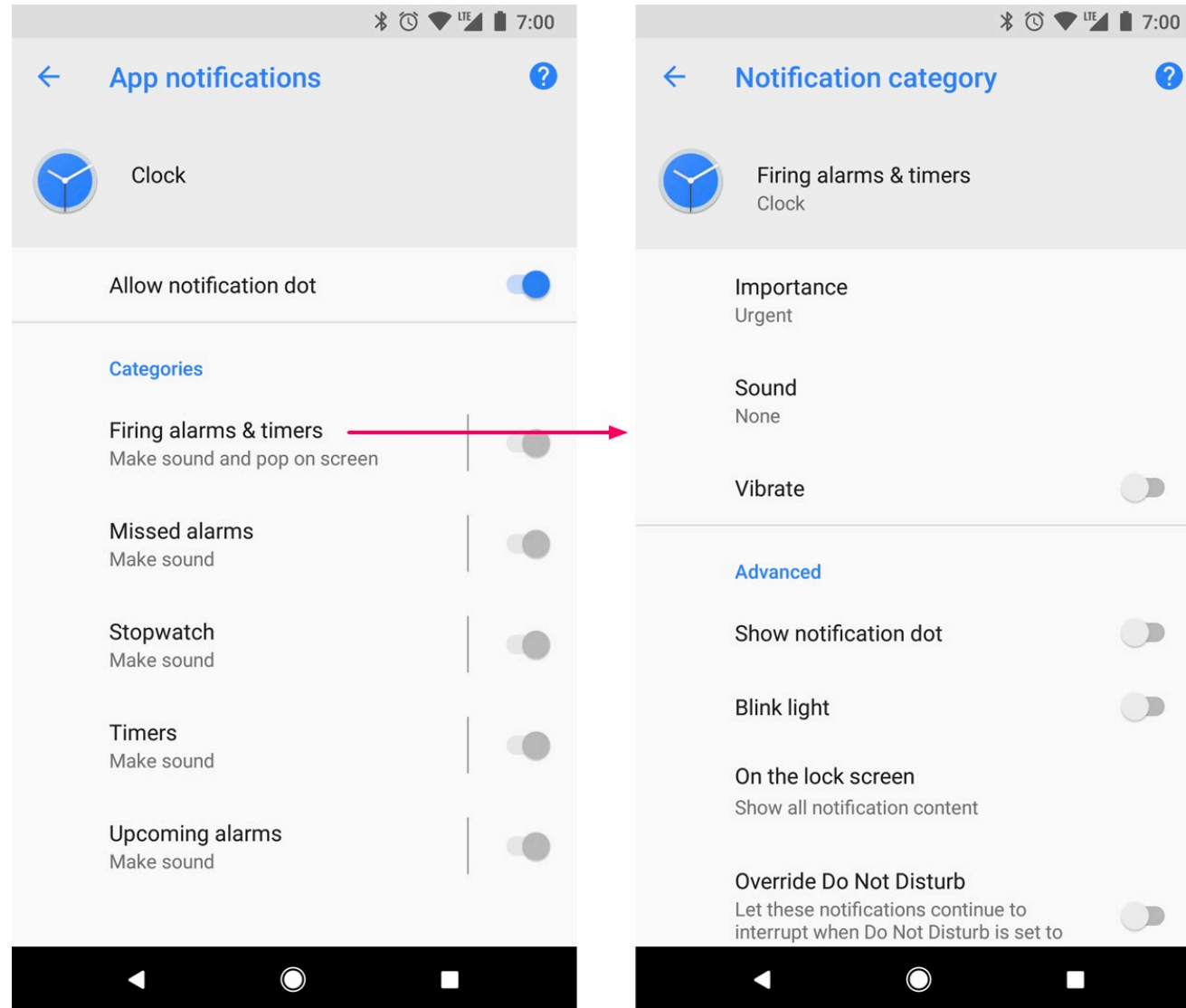


Media

# Notifications



# Notifications





# Deep Linking



# Notifications

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# Notification Styles

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# Push Notifications



# Firebase

<https://firebase.google.com/docs/cloud-messaging/>



# Push Notifications



## **Firestore on Android: Cloud Messaging, Cloud Functions and Crashlytics**

by Mitch Tabian



# App Widget

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# Summary



**Android notifications with Kotlin**

**Starting activities with notifications**

**Styling notifications**

**Home screen widgets with Kotlin**



# Prerequisites

## **Familiar with app and Kotlin basics**

- Android Apps with Kotlin: Building Your First App
- Android Apps with Kotlin: Tools and Testing
- Android Apps with Kotlin: Resources, Styles and Themes
- Android Apps with Kotlin: RecyclerView and Navigation Drawer





# Tools

**Android Studio 3.1+**

- Android Studio 3.2 for Android Pie

**Kotlin 1.2+**

**Android API 21+ emulator or device**



# Next Up: Android Notifications with Kotlin

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