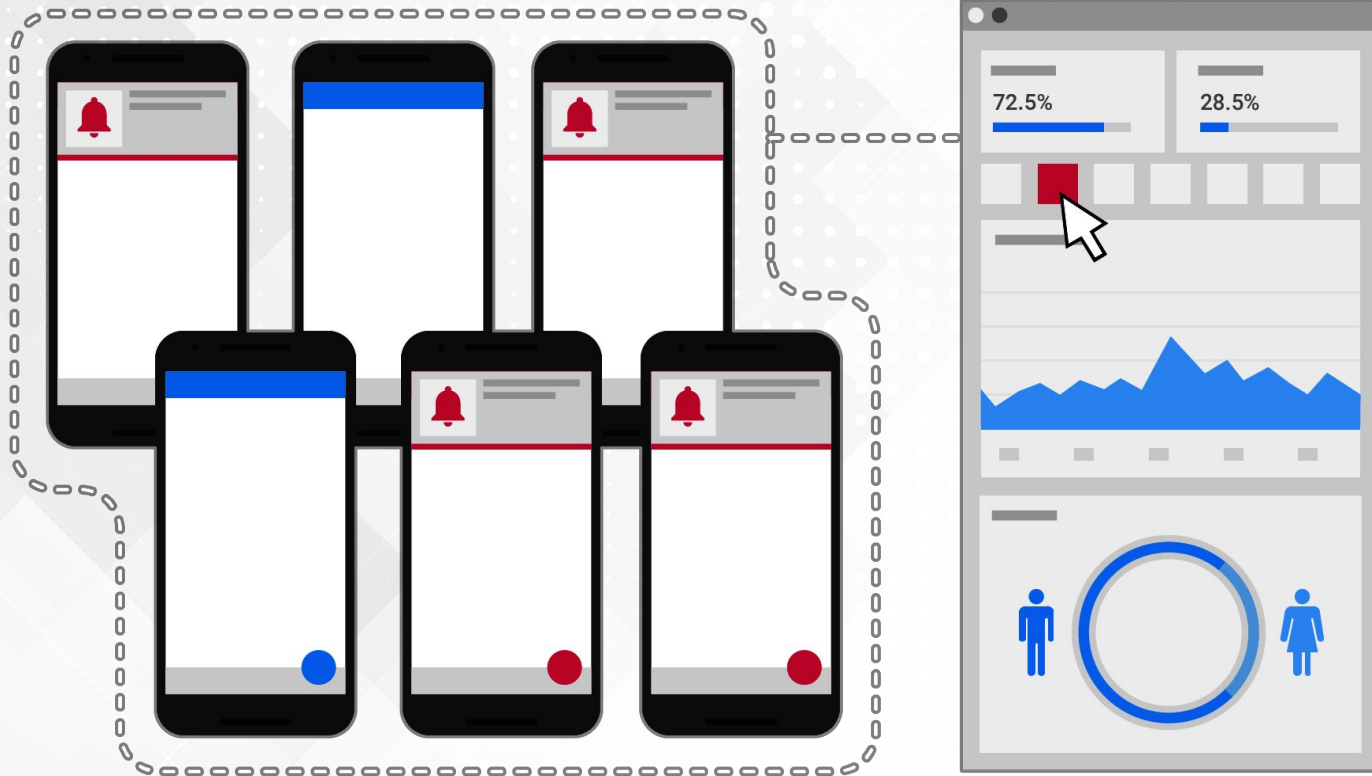


# Aula 68

# Firestore Cloud

# Messaging



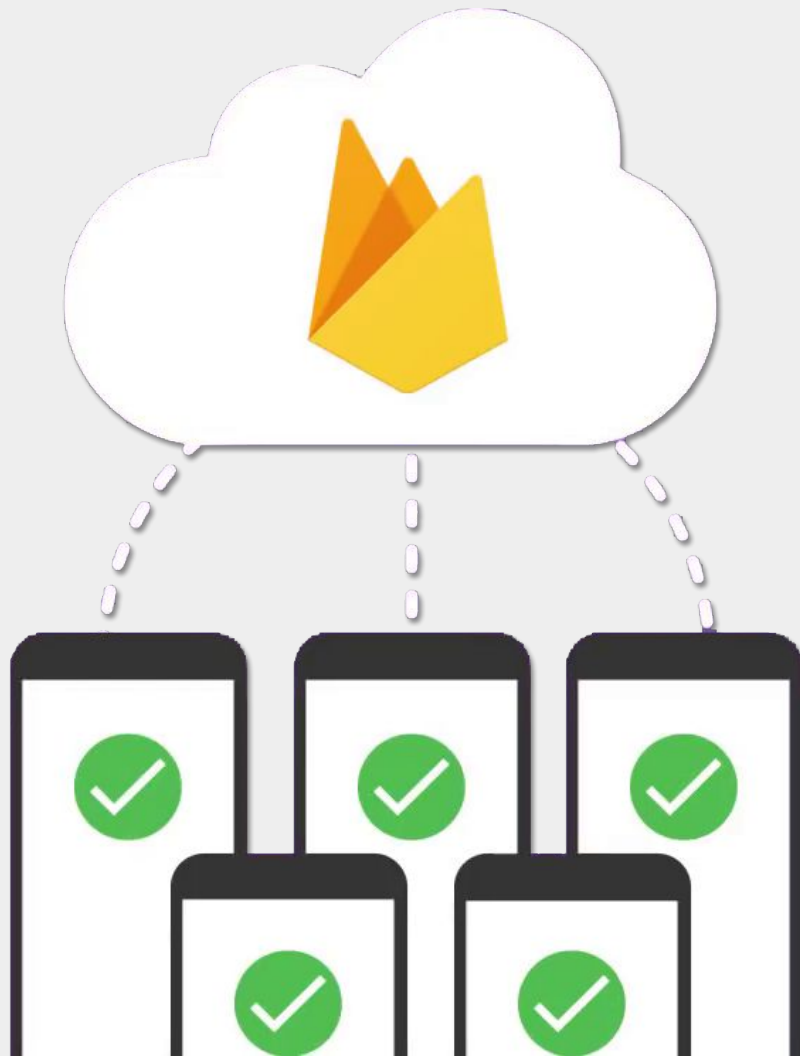


<https://firebase.google.com/products/cloud-messaging>

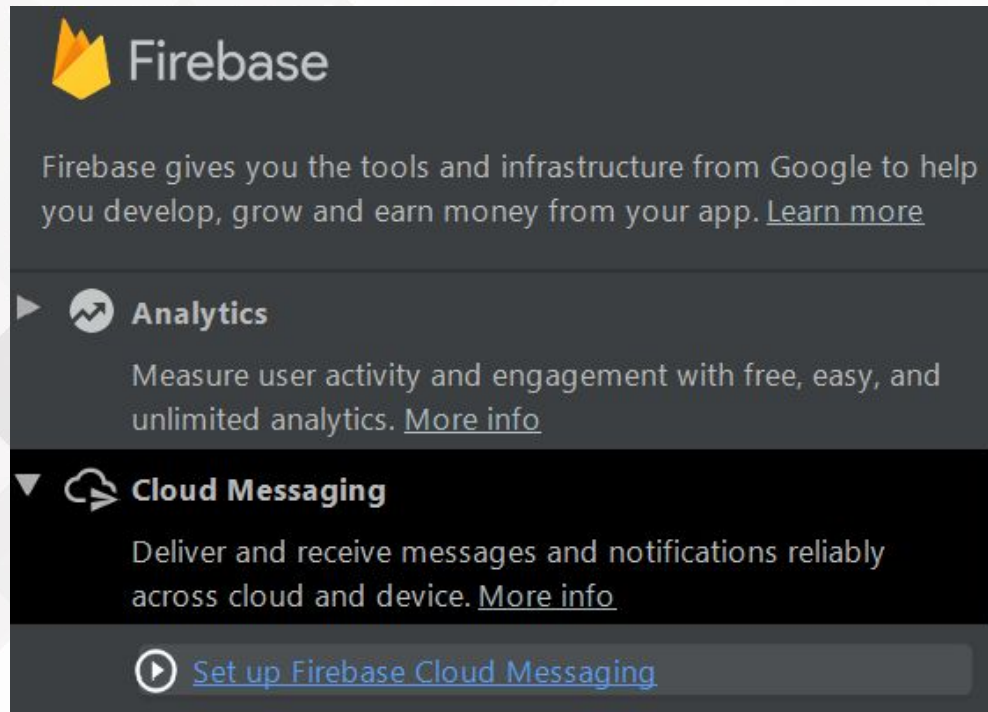
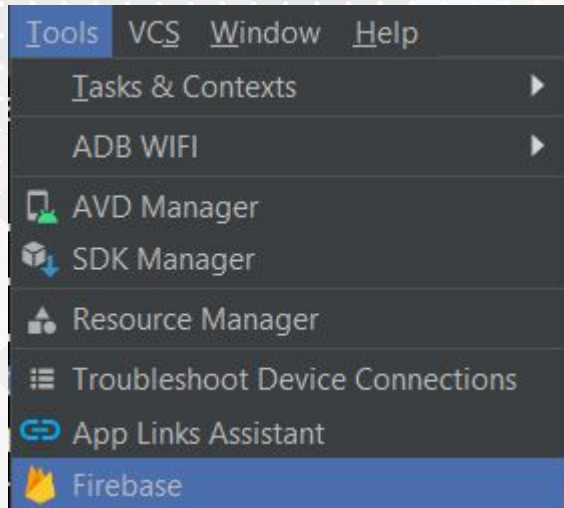
# Envie notificações Push para os usuários

Como configurar seu Firebase Cloud Messaging para enviar notificações altamente direcionáveis.

<https://firebase.google.com/docs/cloud-messaging?hl=pt-br>



# Dependências



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

# Set up Firebase Cloud Messaging

Firebase Cloud Messaging lets you receive and send messages from your app to the server and other clients. This tutorial explains how to set up FCM and enable your app to receive notifications.

[Launch in browser](#)

## ① Connect your app to Firebase

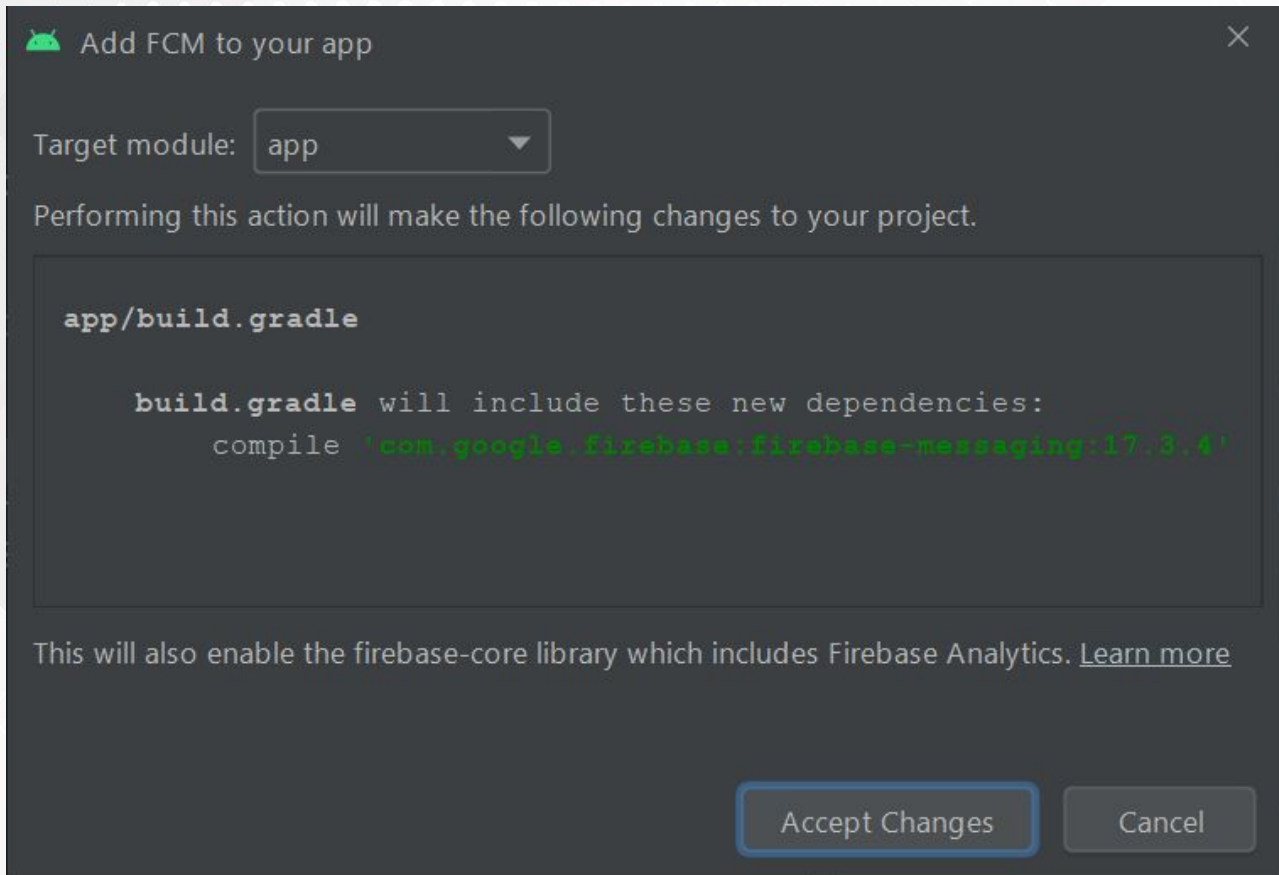
Connect to Firebase

✓ 1 of 4 modules completed.

## ② Add FCM to your app


Add FCM to your app

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



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





## ① Connect your app to Firebase

✓ Connected

## ② Add FCM to your app

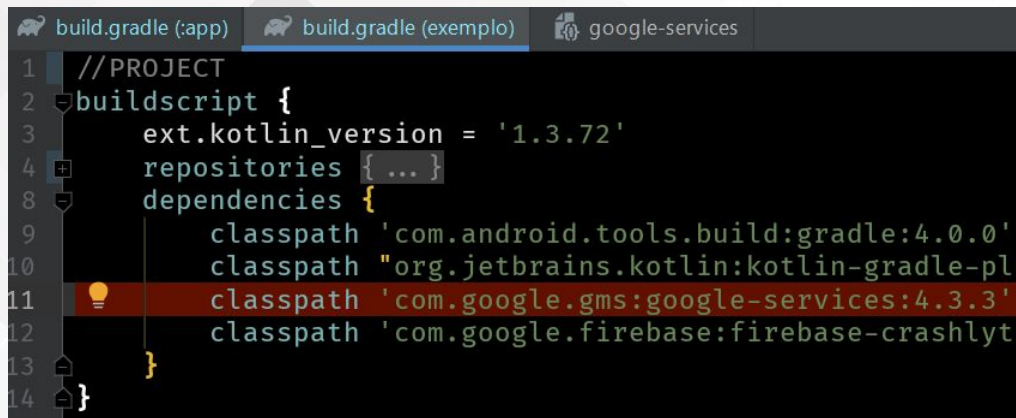
✓ Dependencies set up correctly



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

Verifique se a seguinte dependência foi adicionada ao seu arquivo **build.gradle do seu projeto**:

**classpath 'com.google.gms:google-services:4.2.0'**




The screenshot shows an IDE window with three tabs: 'build.gradle (app)', 'build.gradle (exemplo)', and 'google-services'. The 'build.gradle (exemplo)' tab is active. The code in the editor is as follows:

```
1 //PROJECT
2 buildscript {
3     ext.kotlin_version = '1.3.72'
4     repositories { ... }
8     dependencies {
9         classpath 'com.android.tools.build:gradle:4.0.0'
10        classpath "org.jetbrains.kotlin:kotlin-gradle-plugin"
11        classpath 'com.google.gms:google-services:4.3.3'
12        classpath 'com.google.firebase:firebase-crashlytics'
13    }
14 }
```

The line `classpath 'com.google.gms:google-services:4.3.3'` is highlighted in red, and a lightbulb icon is visible to its left.

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





Verifique se as seguintes dependência foram adicionadas ao seu arquivo **build.gradle** do seu **módulo app**:


**apply plugin: 'com.google.gms.google-services'**

**implementation**

**'com.google.firebase:firebase-messaging:20.2.0'**



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

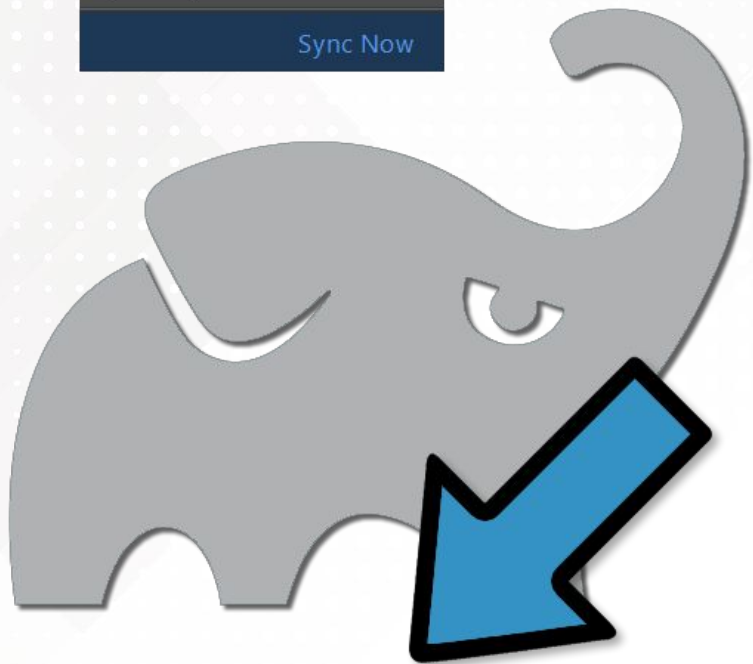
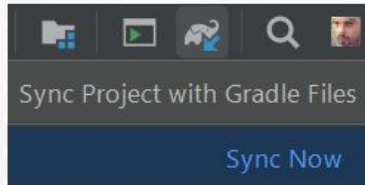


```
build.gradle (:app) build.gradle (exemplo)
1  apply plugin: 'com.android.application'
2  apply plugin: 'kotlin-android'
3  apply plugin: 'kotlin-android-extensions'
4  apply plugin: 'kotlin-kapt'
5  apply plugin: 'com.google.gms.google-services'
6  apply plugin: 'com.google.firebase.crashlytics'
7
```

```
build.gradle (:app) build.gradle (exemplo)
71 //region GOOGLE
72 implementation 'com.google.android.gms:play-services-auth:18.0.0'
73 implementation 'com.google.firebase:firebase-messaging:20.2.0'
74 implementation 'com.google.firebase:firebase-storage:19.1.1'
75 implementation 'com.google.firebase:firebase-database:19.3.0'
76 implementation 'com.google.firebase:firebase-core:17.4.3'
77 implementation 'com.google.firebase:firebase-auth:19.3.1'
78 implementation 'com.google.firebase:firebase-analytics-ktx:17.4.3'
79 implementation 'com.google.firebase:firebase-crashlytics:17.0.1'
80 //endregion
```

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

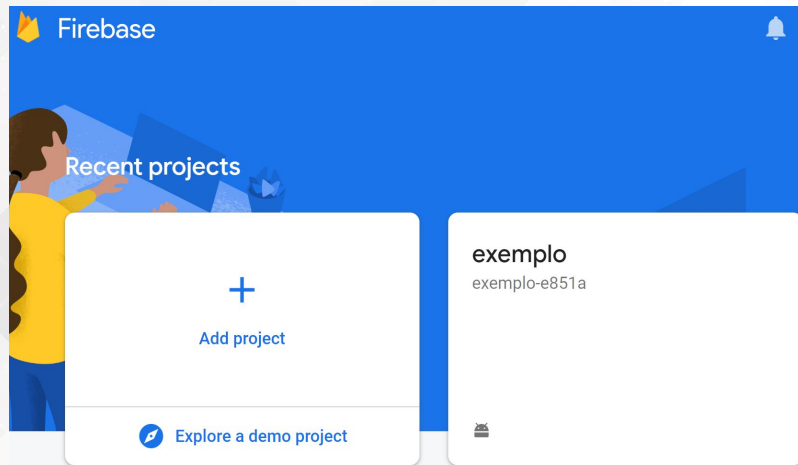
**Não esqueça de  
sincronizar os arquivos  
gradle de seu projeto!**



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

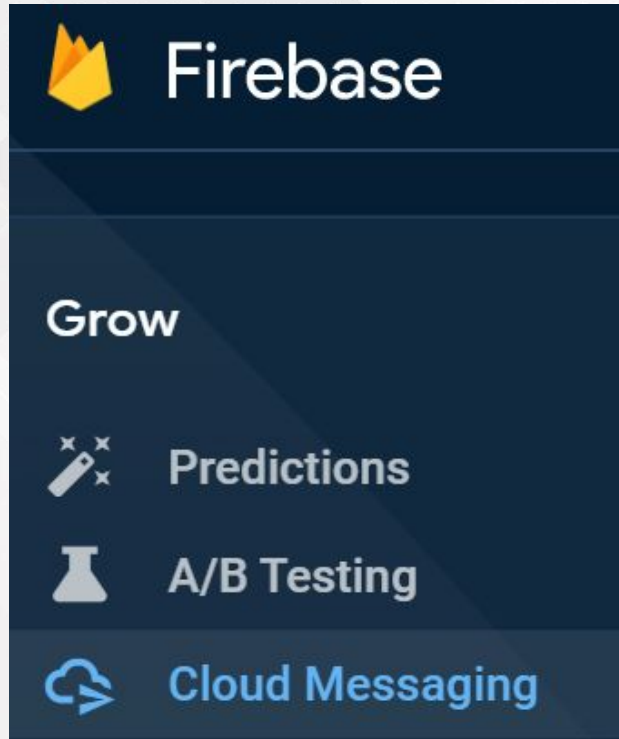
# Console Firebase

Acesse <https://console.firebase.google.com/>  
Crie/acesse o projeto de seu app:



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

No menu lateral, acesse Grow > Cloud Messaging



Menu icon exemplo ▼ Cloud Messaging

	Notification	Status ?
	Firestore (mobile) (mobile) (mobile)...	Scheduled
	Firestore (mobile) (mobile) (mobile)...	Completed

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



Execute novo build de seu app e no Firebase Console crie e envie nova notificação como abaixo:

**1 Notification**


Notification title ?

Digital House

Notification text

Notificação

Notification image (optional) ?

<http://placekitten.com/505> 



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



