

< HDG >

Huawei Developer Group

ITALIA

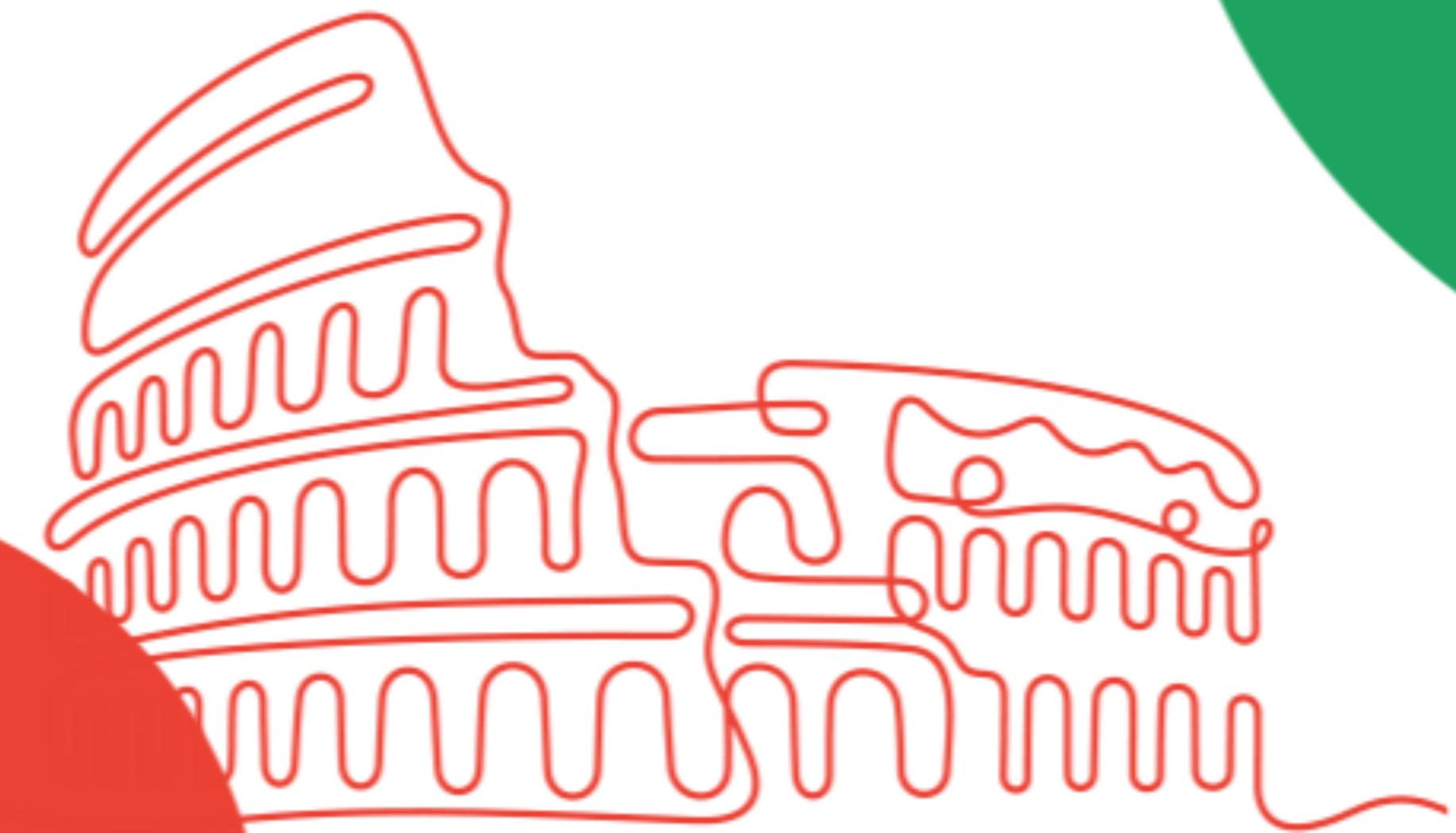


Federico
Parezzan

Servizi Huawei o Google? Identifichiamoli con Flutter

giovedì 30 settembre 19.15

Evento online gratuito



Federico Parezzan

Java Developer



Sviluppatori Flutter



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parezzan.com



thecmmbay.com

Sono un essere umano, nulla che sia umano mi è estraneo ~ Terenzio

Agenda



Huawei introduction



HMS Availability introduction



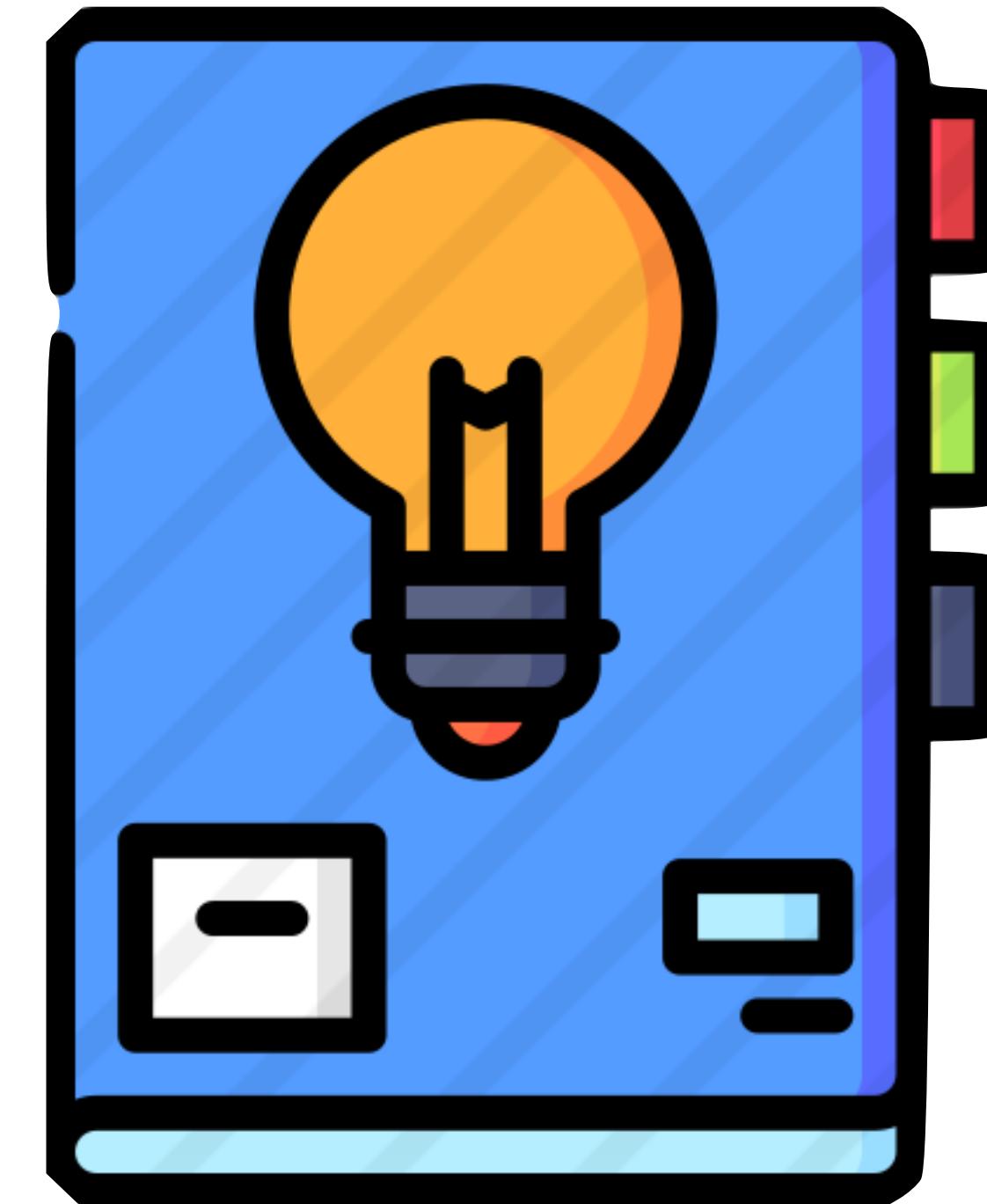
Environment configuration



HMS Availability in Flutter



Recap



INTRO



Why Huawei?



New market investment possibilities



New alternative app store



Alternative solution to Google

A little bit of history



More info: <https://www.xda-developers.com/google-revoke-huawei-android-ban-blacklist/>

HMS AVAILABILITY



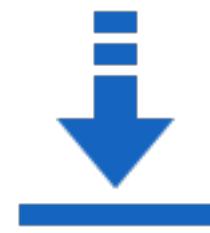
What is HMS Availability

Huawei Availability Plugin provides capability of **HMS Core APK detection** on android devices. If there is not, the plugin provides navigation to AppGallery for **HMS Core installation**.

Why HMS Availability



Detect HMS Core app on device



Fast api for installing HMS Core if not available on device



Simple operations



Cross-platform development

Supported Development Environment

Device Type	OS Version
Dart	$\geq 2.1.0\text{-dev.}0.0 < 3.0.0$
Flutter	$\geq 1.12.13\text{+hotfix.}6 < 2.0.0$
Dart (for null-safety supported plugins)	$\geq 2.12 < 3.0.0$
Flutter (for null-safety supported plugins)	$\geq 2.0.0$

ENVIRONMENT PREPARATION

<https://developer.huawei.com/consumer>

Configuring Environment

1

Install Flutter

Install

[Docs](#) > [Get started](#) > [Install](#)



Select the operating system on which you are installing Flutter:



Windows



macOS



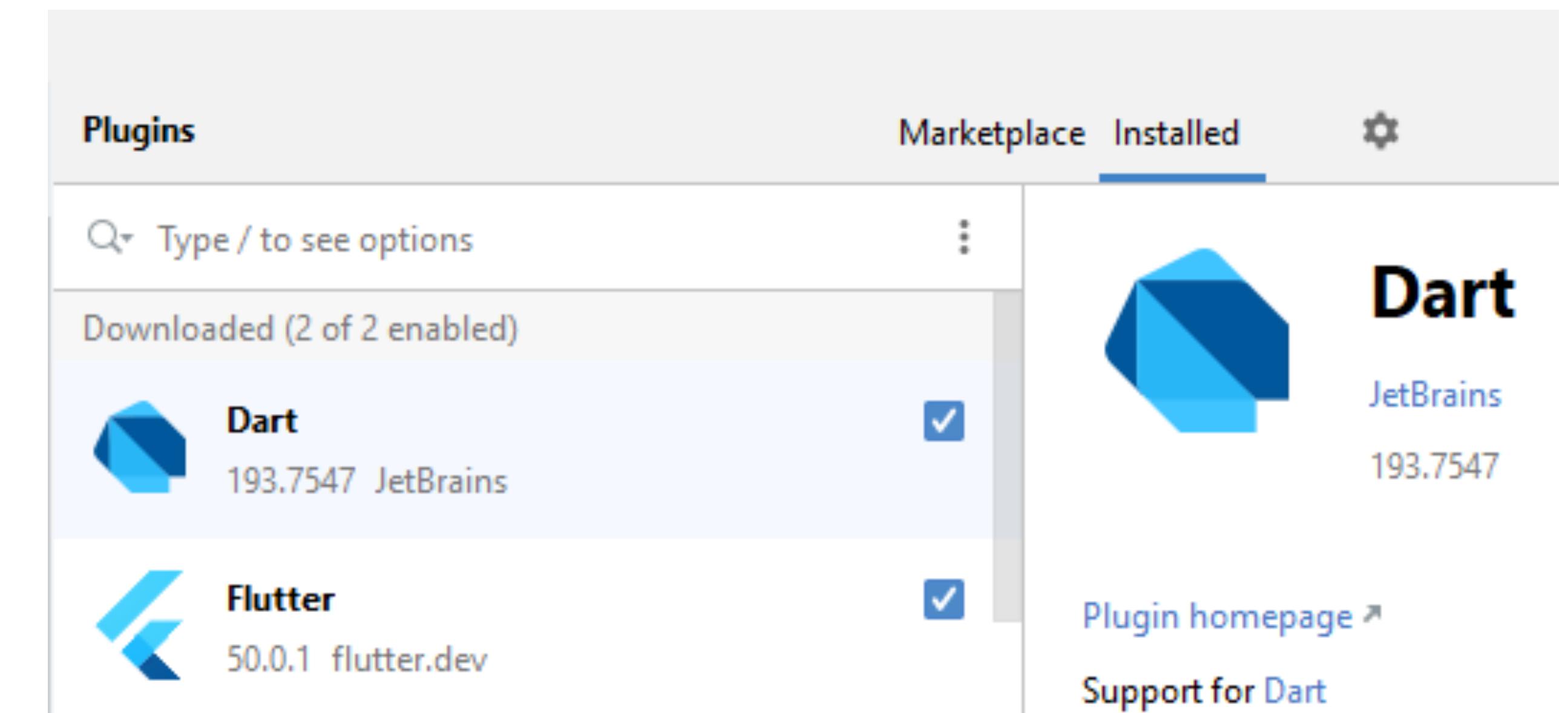
Linux



Chrome OS

Configuring Environment

- 2 Install the Flutter and Dart plugins in Android Studio.



Configuring Environment

- 3 Add the library path to dependencies in the pubspec.yaml file



```
dependencies:  
    huawei_hmsavailability:  
        path: {library path}
```

Configuring Environment

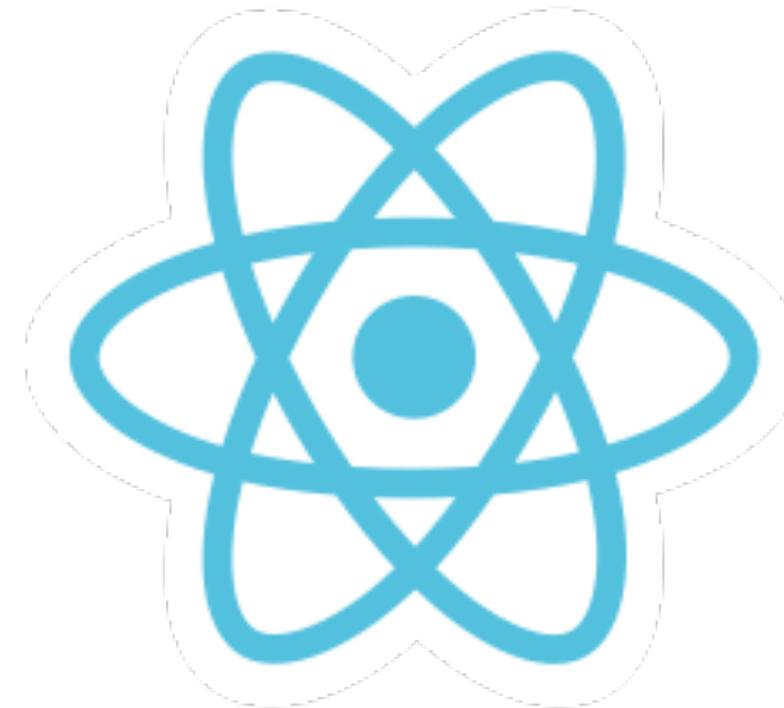
4

MinSdkVersion=19 in Gradle

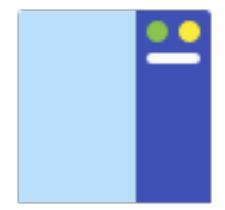


```
defaultConfig {
    applicationId "com.parezzan.hms_availability"
    minSdkVersion 19
    targetSdkVersion 30
    versionCode flutterVersionCode.toInt()
    versionName flutterVersionName
}
```

Supported platform



Why Flutter?



Optimized for UI



Productive development



Fast on all platforms



MANI IN PASTA!

Demo

Recap

What we have learned

- 👉 Huawei opportunity
- 👉 An introduction of Hms Availability
- 👉 Project configuration
- 👉 A demo of Hms and Gms detection in Flutter





Q&A