

Introduction to Flutter

ทำความรู้จักกับ flutter ว่า flutter คืออะไร, โครงสร้างเป็น อย่างไร และทำไมนักพัฒนาถึงเลือกใช้



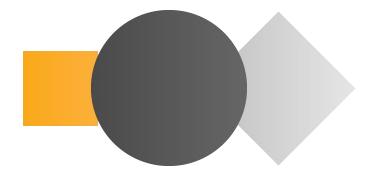
About this section

- Introduction to Flutter
- Flutter architecture
 - โครงสร้างของตัว framework
- Anatomy of Flutter application
 - โครงสร้างของ application
- Flutter's development tools





What is Flutter



Google's UI Toolkit

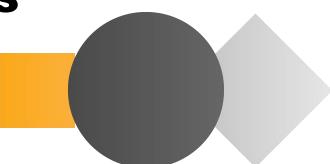
Flutter

Powered by Dart

Natively compiled application

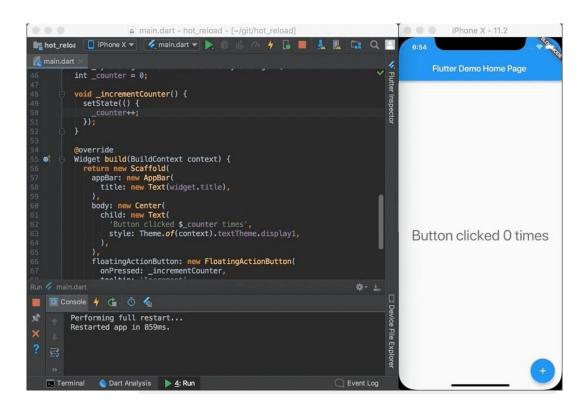


Flutter advantages



Fast development

- VS Code support
- Android Studio support
- Hot reload
- Hot restart





Expressive, beautiful UIs

- Ul as a canvas
- We can draw anything we want or use the existing components





Native Performance

 Flutter application will be compiled and run natively on each platform



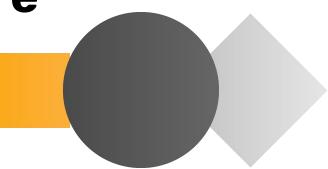


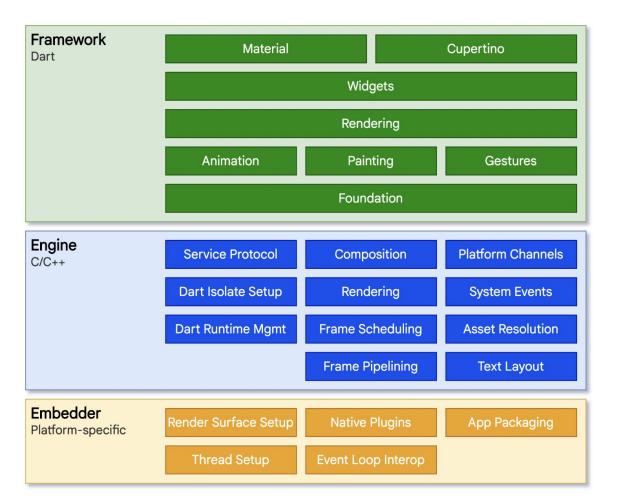




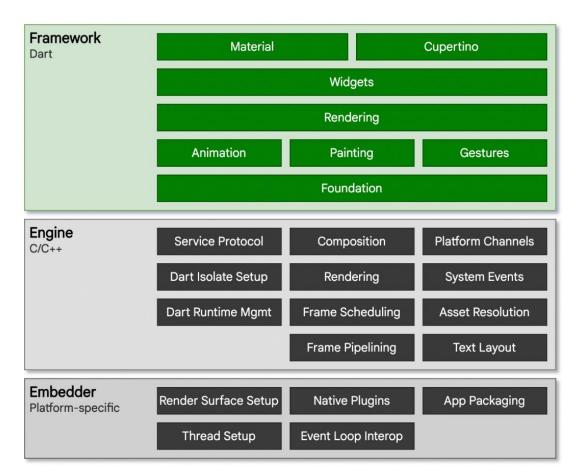
Flutter architecture

Architecture of flutter framework





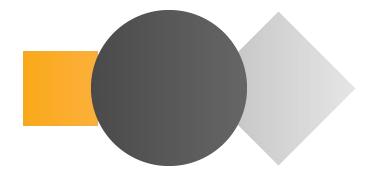








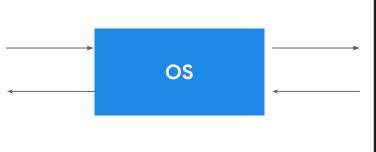
Flutter app

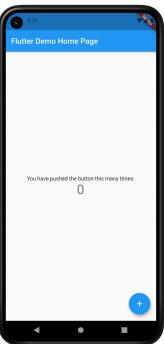




touch

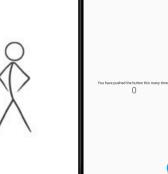






Flutter













OS

Android

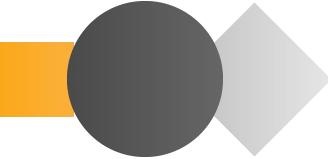
Flutter

App





Flutter development tools



Development Tools

SDK

- Flutter SDK
- (iOS) Xcode
- (Android) Android SDK

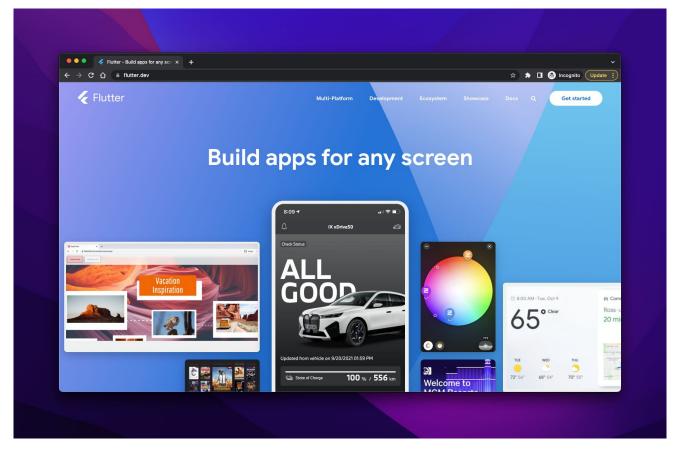
IDE/Code Editor

- Android Studio / VS Code / Dartpad
- Flutter Plugin



Flutter SDK

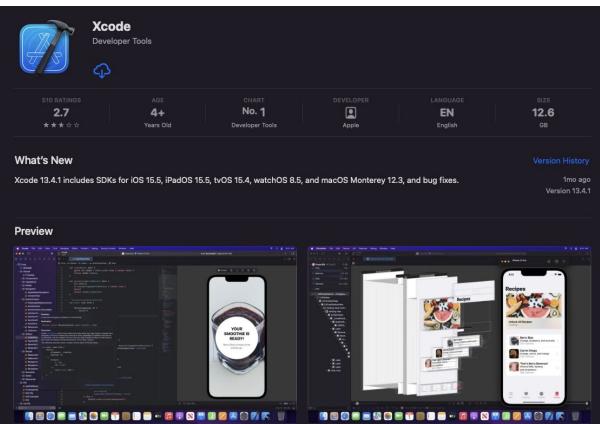
- Flutter.dev
- Windows, macOS, Linux





Xcode

App Store (mac only, for iOS)





Android SDK / Android Studio



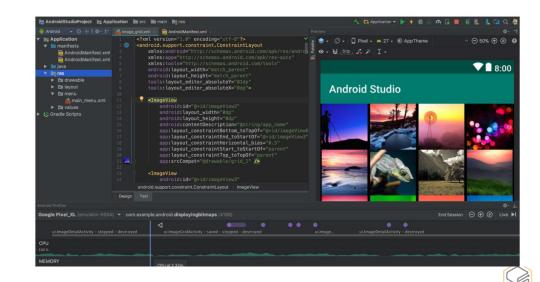
Android Studio provides the fastest tools for building apps on every type of Android device.

Download Android Studio

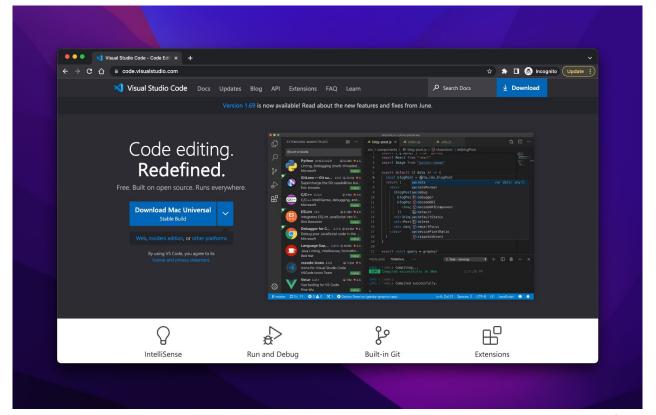
Android Studio Chipmunk | 2021.2.1 Patch 1 for Mac (~1017 MiB)

Download options

Release notes

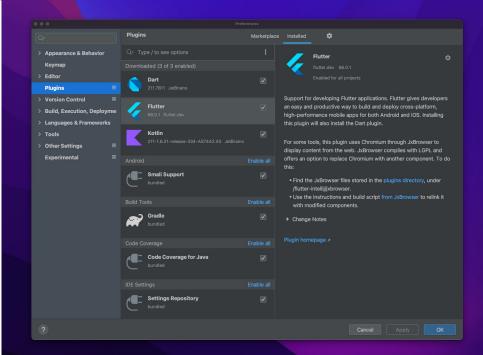


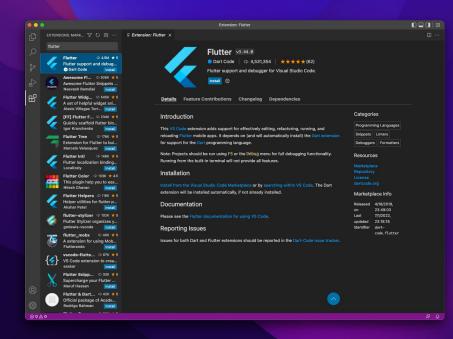
VS Code



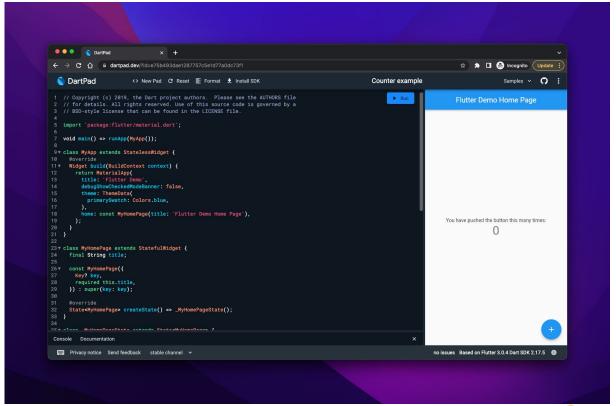


Flutter Plugin





Dartpad







Demo/Tutorials



