

Using third-party in Flutter

ทำความรู้จักกับ pub และการใช้งาน third-party library
ต่างๆ



About this section

- What is pub
- How to add a dependency to the project
- Platform specific dependencies
- Using modular
- Using internet with flutter application
- Working with json



What is pub





pub.dev

The official package repository for **Dart** and **Flutter** apps.

Supported by **Google**

Flutter Favorites

Some of the packages that demonstrate the **highest levels of quality**, selected by the Flutter Ecosystem Committee

firebase_auth

Flutter plugin for Firebase Auth, enabling Android and iOS authentication using

[firebase.google.com](#)

rxdart

RxDart is an implementation of the popular reactiveX api for asynchronous programming.

[fluttercommunity.dev](#)

auto_size_text

Flutter widget that automatically resizes text to fit perfectly within its bounds.

[honey.dev](#)

bloc

A predictable state management library that helps implement the BLoC (Business

[blocbrary.dev](#)

[VIEW ALL](#)

Most popular packages

Some of the most downloaded packages over the past 60 days

permission_handler

Permission plugin for Flutter. This plugin provides a cross-platform (iOS, Android) API to

[baseflow.com](#)

flutter_rating_bar

A simple yet fully customizable ratingbar for flutter which also include a rating bar indicator,

[sarbagastha.com:np](#)

async

Utility functions and classes related to the 'dart:async' library.

[dart.dev](#)





pubspec.yml

```
name: third_party_example
description: A new Flutter project.

publish_to: 'none'

version: 1.0.0+1

environment:
  sdk: ">=2.17.3 <3.0.0"

dependencies:
  flutter:
    sdk: flutter
  cupertino_icons: ^1.0.2

dev_dependencies:
  flutter_test:
    sdk: flutter

  flutter_lints: ^2.0.0

flutter:

  uses-material-design: true
  fonts:
    - family: Schyler
    - fonts:
        - asset: fonts/Schyler-Regular.ttf
        - asset: fonts/Schyler-Italic.ttf
          style: italic

  assets:
    - images/a_dot_burr.jpeg
    - images/a_dot_ham.jpeg
```



How to add a dependency





flutter pub

```
//command line  
flutter pub add foo_bar
```

```
//pubspec.yml  
Dependencies:  
..  
foo_bar: ^1.0.2
```



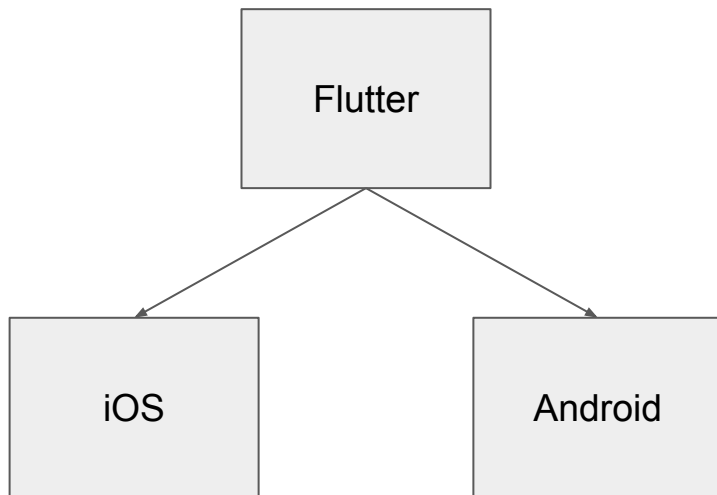
Example



Platform specific dependency



Platform-specific dependency



Google Maps for Flutter





Google Maps (Flutter)

```
Flutter pub add google_maps_flutter
```





Google Maps (Android)

```
//build.gradle
android {
    defaultConfig {
        minSdkVersion 20
    }
}
```

```
//AndroidManifest.xml
<manifest ...
    <application ...
        <meta-data
            android:name="com.google.android.geo.API_KEY"
            android:value="YOUR KEY HERE"/>
```





Google Maps (iOS)

```
//AppDelegate.swift
import UIKit
import Flutter
import GoogleMaps

@UIApplicationMain
@objc class AppDelegate: FlutterAppDelegate {
  override func application(
    _ application: UIApplication,
    didFinishLaunchingWithOptions launchOptions: [UIApplication.LaunchOptionsKey:
Any]?
  ) -> Bool {
    GMSServices.provideAPIKey("YOUR KEY HERE")
    GeneratedPluginRegistrant.register(with: self)
    return super.application(application, didFinishLaunchingWithOptions:
launchOptions)
  }
}
```

