

Flutter & Backend

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10 months of Flutter!

Week #1 Introduction

Week #2 Welcome to The Dart Side

Week #3 Basic Widgets & Material Design

Week #4 Make Your First Flutter App

Week #5 Using Packages to Extend Functionality

Week #6 Flutter & Backend

Week #7 State Management

Week #8 Creating a Chat App

Week #9 Navigation

Week #10 Testing Your Widgets



For absolute beginners

1. We will learn basic things any Flutter developer should know
2. This Course is just the first step
3. Along the way you will have a lot of resources to support your learning journey



Where can I find all the resources?

Don't worry, links can get lost, I know!

For that I have this one link for you, where I will put all the resources including the slides.

fairybits.com/growwgoogle-flutter

Bookmark it!



Further support

Tag me on Twitter @pr_Mais for any issue you face and I will help.

1 rule of thumb: public tweets are better as it gives the opportunity for more people to learn from your question!



Today

1. What Backend solutions I can use with Flutter? 🤔
2. Send requests to the Web with http package 📡
3. Power of Cloud ☁️
4. Setup Firebase with Flutter (iOS, Android) 🔥
5. Anonymous Authentication 🔓
6. Quick Introduction to **Firestore Database** 🗄️
7. Go Further ☀️



Ready?



Let's Flutter

| What solutions I can use For Backend with Flutter?





API

Application Programming Interface



Cloud

Cloud based services



Laravel



django



Firebase



AWS Amplify



Let's Flutter

| Http Package



Why?

Make HTTP requests!

pub.dev/packages/http

```
import 'package:http/http.dart' as http;

// Make your Uri (endpoint)
final Uri url =
Uri.parse('https://example.com/whatsit/create');

// Post and wait a response
final http.Response response = await http.post(
  url,
  body: {
    'name': 'doodle',
    'color': 'blue',
  },
);

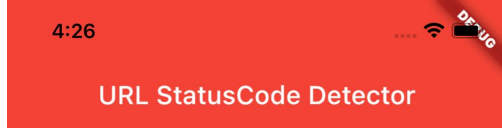
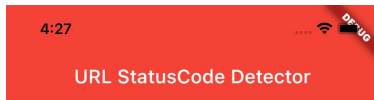
print('Response status: ${response.statusCode}');
print('Response body: ${response.body}');

// Or simply read a web resource
print(await http.read('https://example.com/foobar.txt'));
```



Let's see an example

Fun cat responses!



Code time

Find the full code here:

github.com/pr-Mais/growwgoogle-flutter/tree/main/examples/fun_cat_responses



Let's Flutter

Power of Cloud



Let's meet Flutter's best friend



Firebase

One platform
All you need



firebase



Let's see another example

Setup Firebase in Flutter Authentication Firestore



Where to find all I need to work with Firebase in Flutter?

firebase.flutter.dev



Code time

Find the full code here:

github.com/pr-Mais/growwgoogle-flutter/tree/main/examples/firebase_sample



Let's Flutter

| Go Further



Your FIRST destination to learn how to use Firebase in Flutter:

firebase.flutter.dev



Let's Flutter

Thank you!



Upcoming: State Management



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