



Bootcamp Flutter

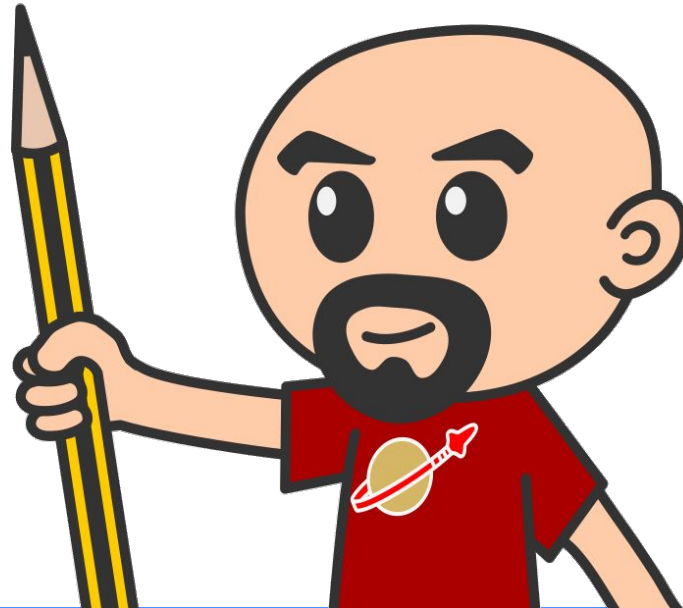
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Spaniard lost in Brittany, developer,
dreamer and all-around geek



Before we begin



If you don't have these tools, download them:

- Flutter SDK

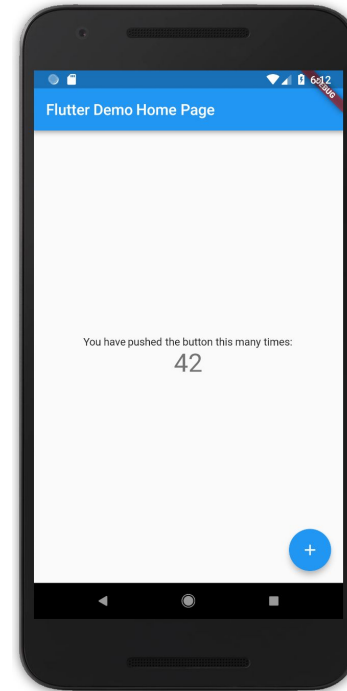
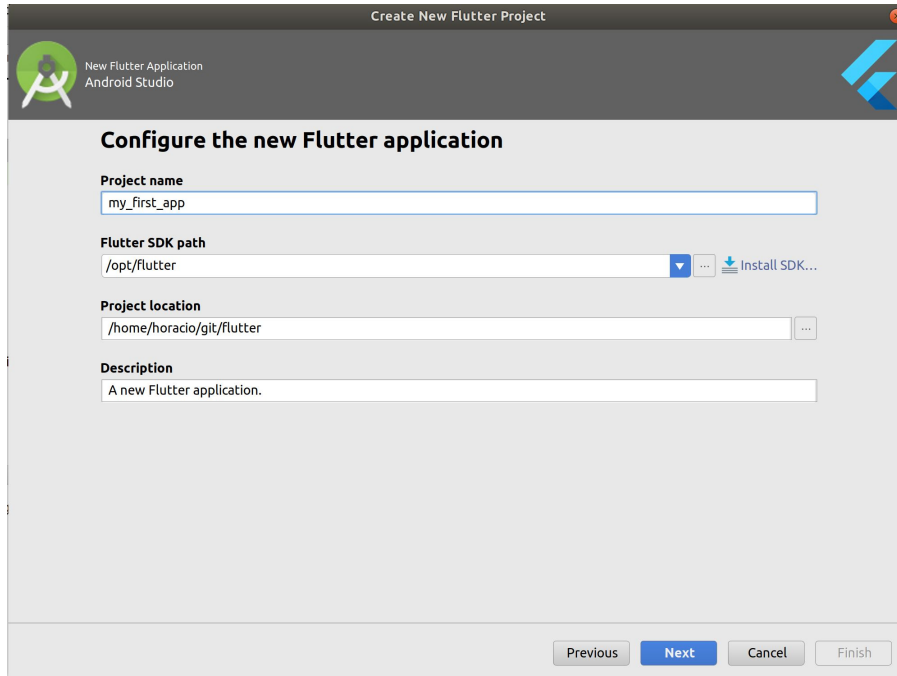
<https://flutter.io/get-started/install/>

- Android Studio or Visual Studio Code with Flutter plugins/extensions

<https://flutter.io/get-started/editor/#androidstudio>



Testing your install



Create and test your first app

<https://flutter.io/get-started/test-drive/>



Let's begin with a Hello World...



```
import 'package:flutter/material.dart';

void main() {
  runApp(
    new Center(
      child: new Text(
        'Hello, world!',
        textDirection: TextDirection.ltr,
      ),
    ),
  );
}
```

You will never do that...



Extending stateless widget



```
import 'package:flutter/material.dart';

class MyAppBar extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return new Center(
      child: new Text(
        'Hello, world!',
        textDirection: TextDirection.ltr,
      ),
    );
  }
}

void main() {
  runApp(new MyAppBar());
}
```

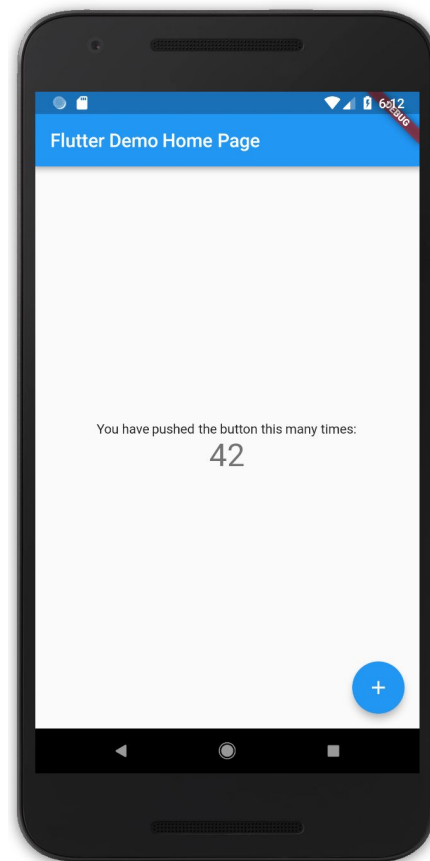
A widget's main job is to implement a build function



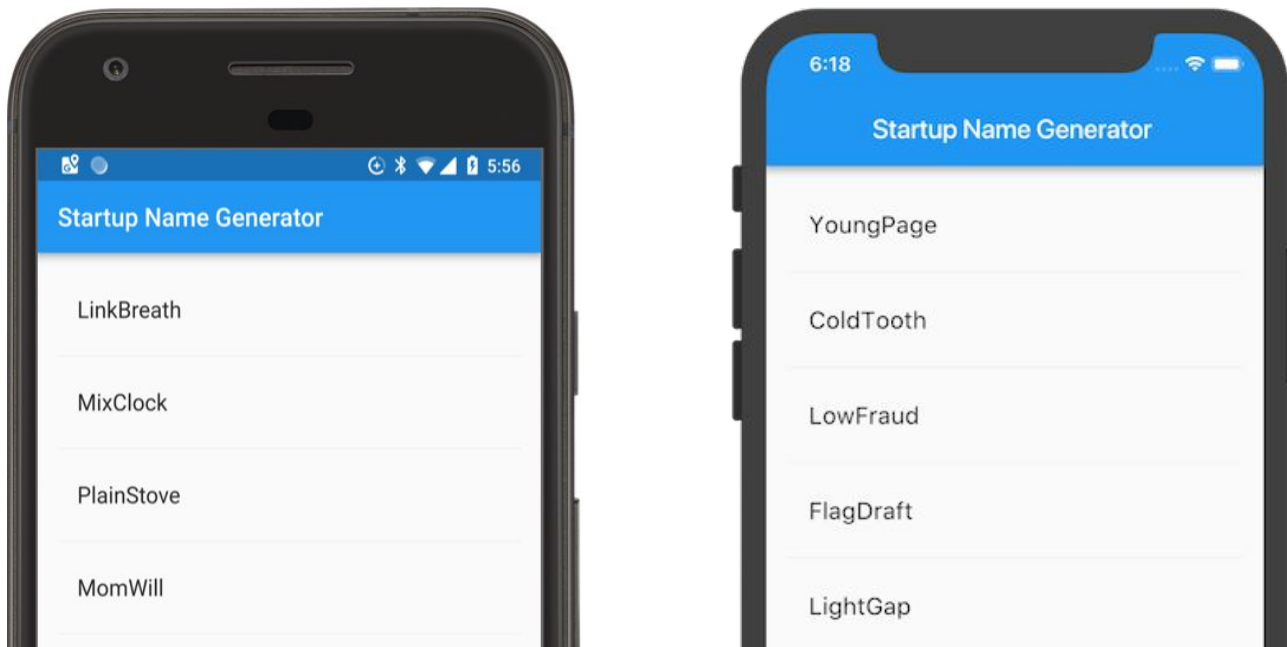
Let's look at the demo app



- The app is a stateless widget
- With a stateful widget inside
 - `createState()` method



Let's do a first tutorial

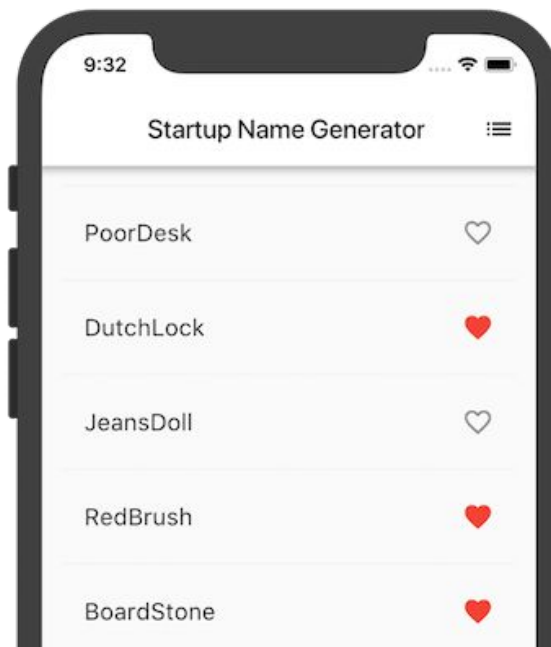
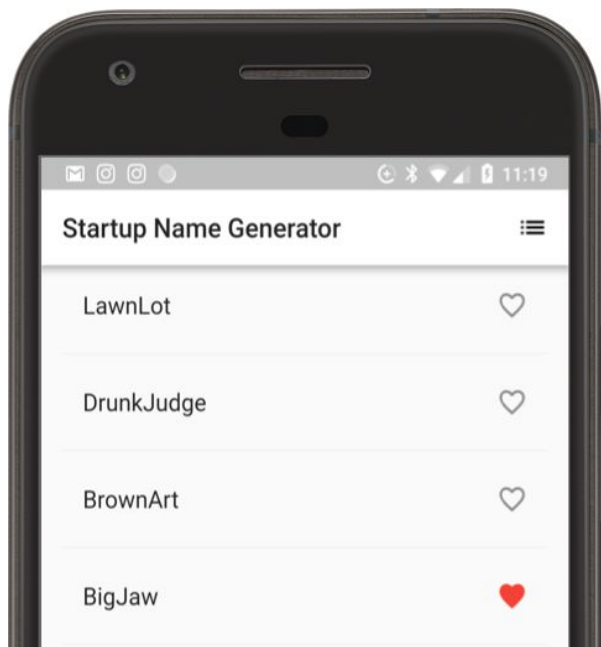


Write your first Flutter app - part 1

<https://codelabs.developers.google.com/codelabs/first-flutter-app-pt1/>



Let's do a second tutorial

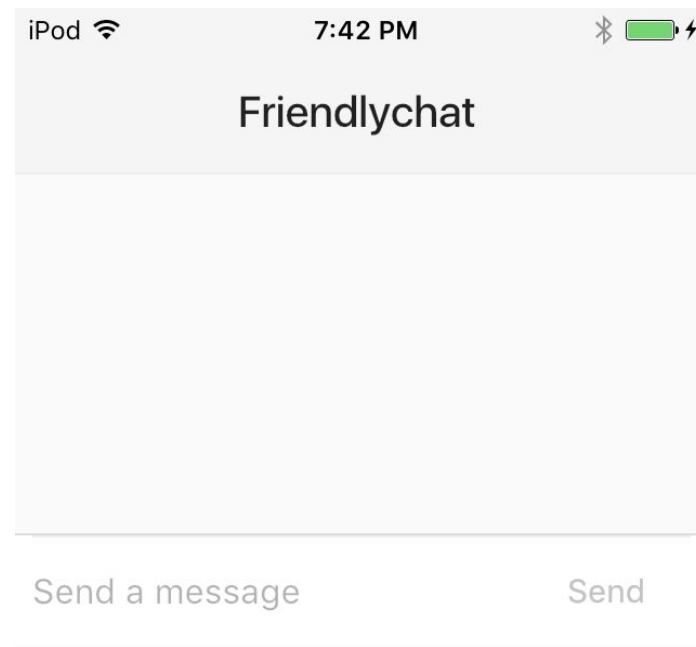
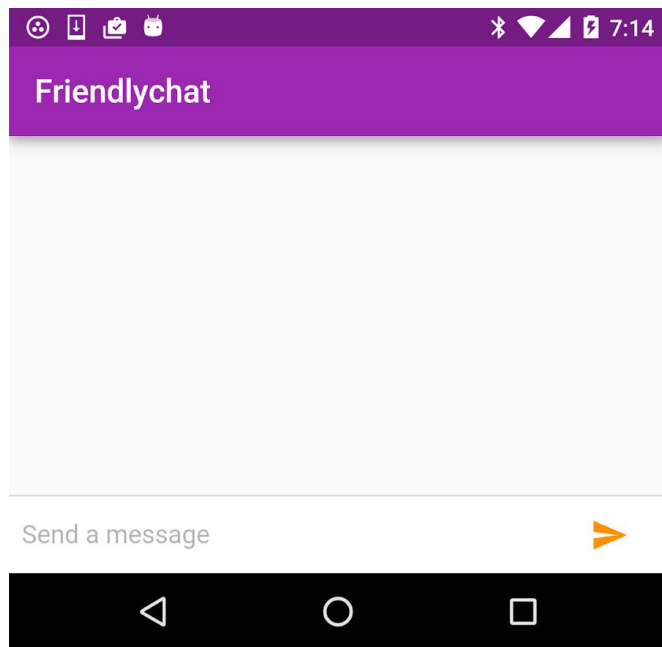


Write your first Flutter app - part 2

<https://codelabs.developers.google.com/codelabs/first-flutter-app-pt2/>



Let's do a third tutorial



Building Beautiful UIs with Flutter

<https://codelabs.developers.google.com/codelabs/flutter/>



