

# INTRODUÇÃO AO EL CONTRODUÇÃO A

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# CONTEÚDO

- Recap
- 0 que é Flutter
- Live Code

# RECAP

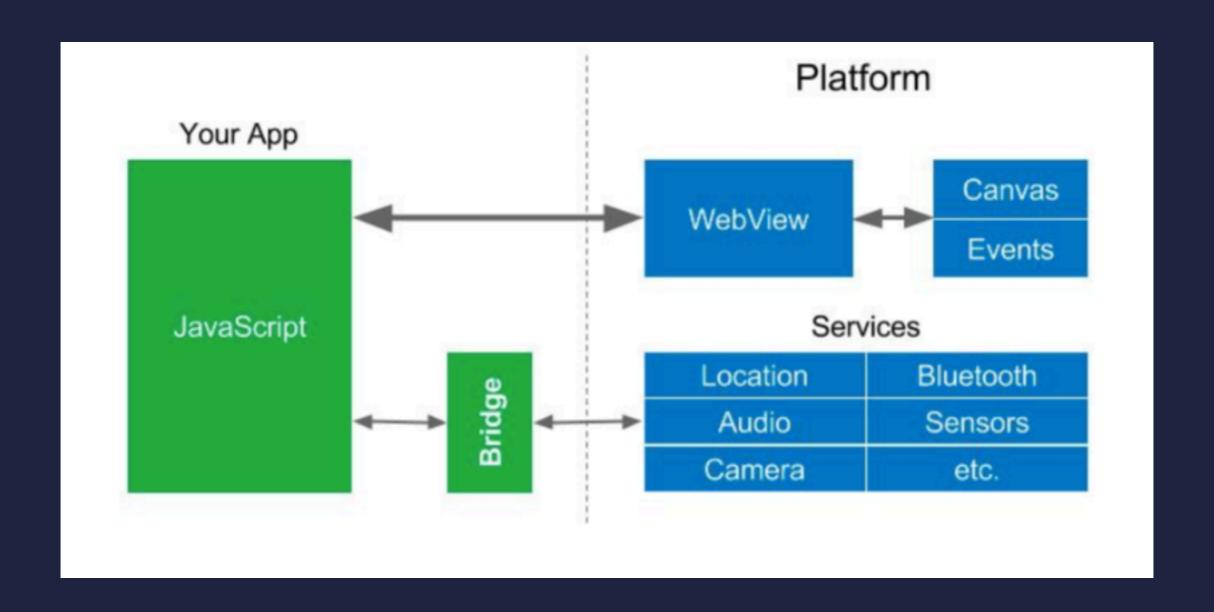
### WRAPPER WEBVIEW







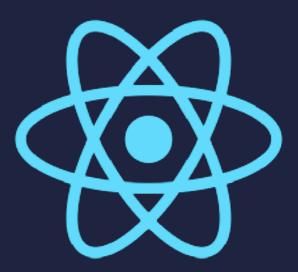
## WRAPPER WEBVIEW



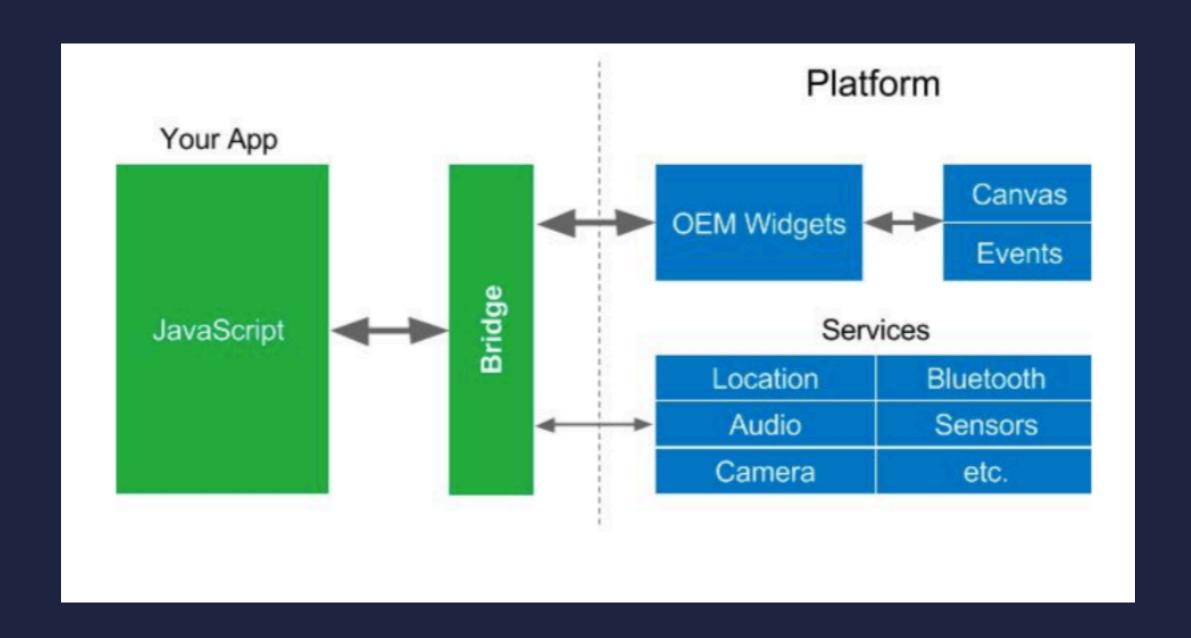
# TRANSPILER







# TRANSPILER





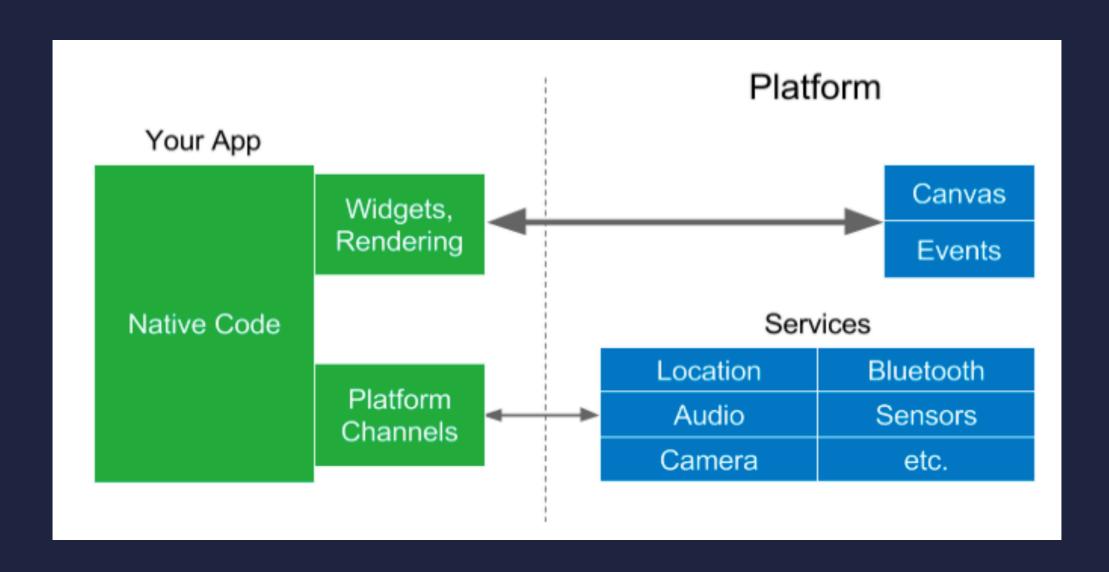
# FLUTTER

# O QUE É FLUTTER?

- Um SDK para desenvolver apps multiplataforma\*
- Foco em apps de alta performance, modernos e bonitos
- Desenvolvido pelo Google, é gratuito e open-source

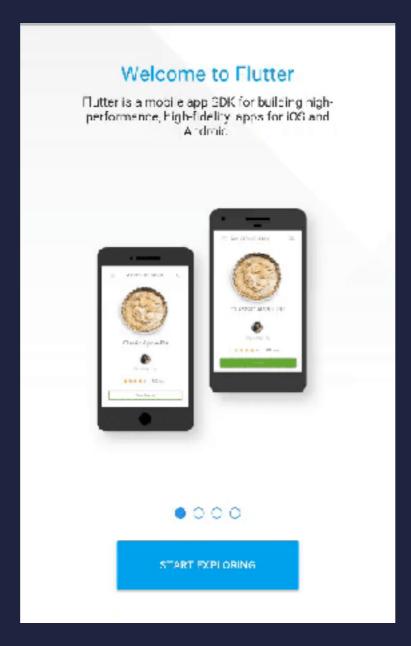
Multiplataforma (iOS, Android e Fuchsia)

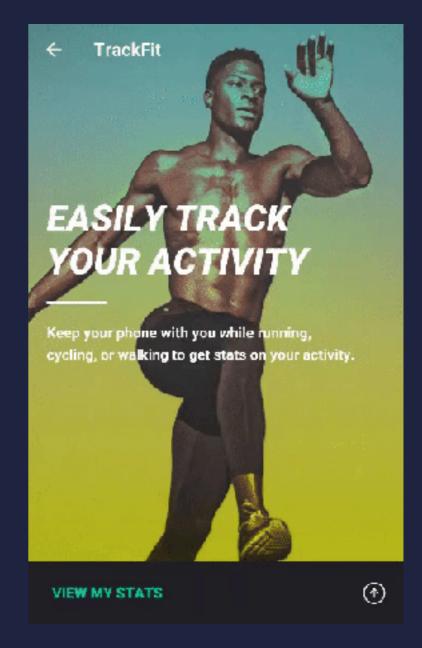
# FLUTTER



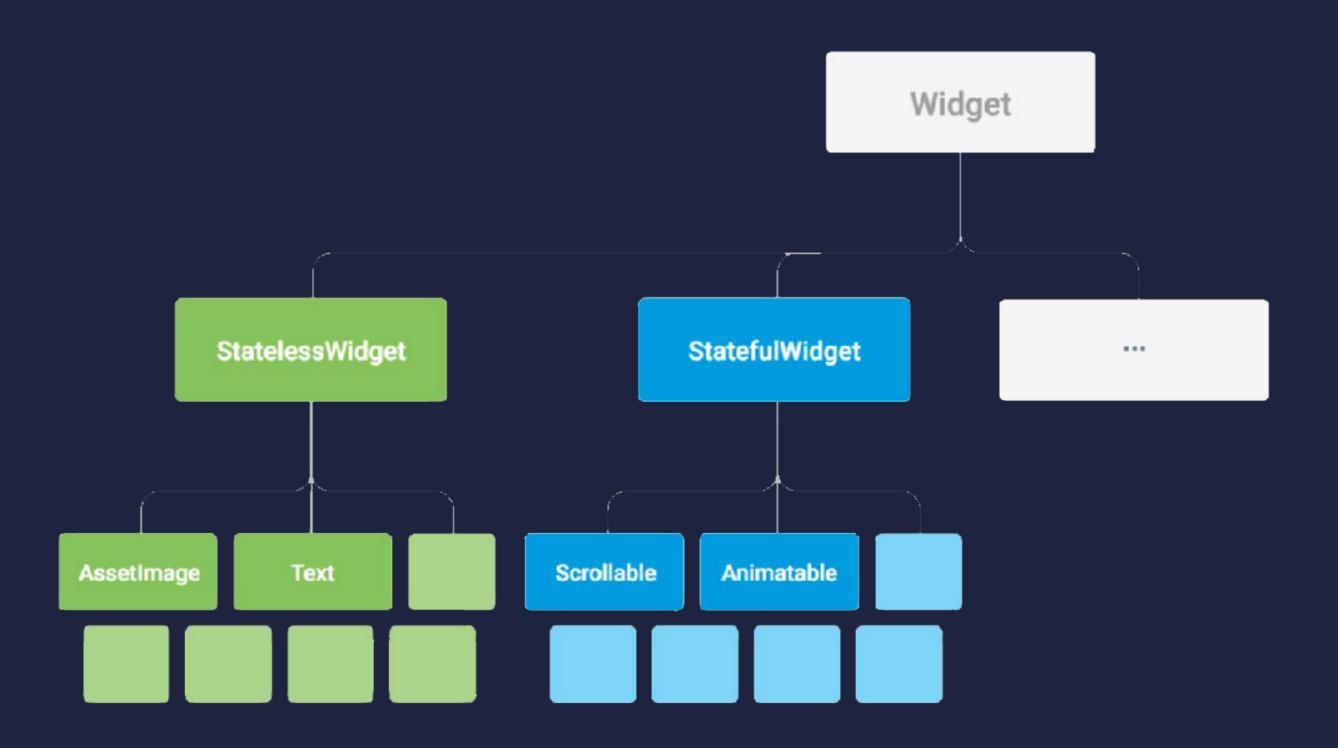
## **EXEMPLOS**







# TUDO É WIDGET



## WIDGETS

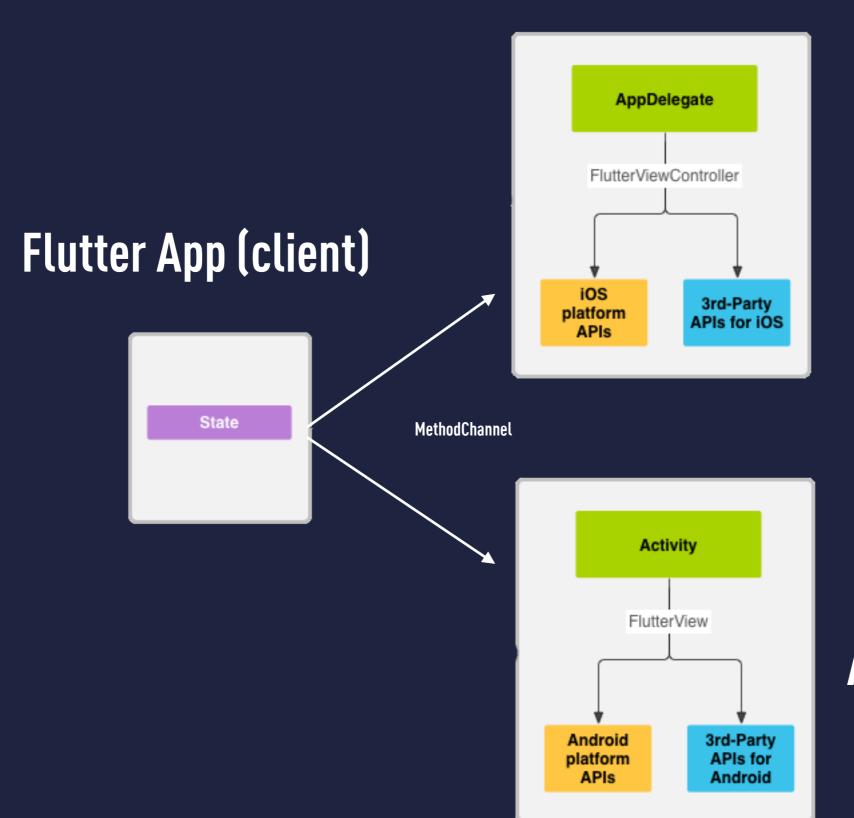
### StatelessWidget

```
class HelloWorldPage extends StatelessWidget {
   @override Widget build(BuildContext context) {
    return Text('Hello World');
  }
}
```

```
class Counter extends StatefulWidget {
 @override
 _CounterState createState() => _CounterState();
class CounterState extends State<Counter> {
  int _count = 0;
  _increment() {
   setState(() {
     _count++;
   });
 @override
 Widget build(BuildContext context) {
   return Column(
      children: [
        Text('Current count is: $_count'),
       RaisedButton(
          onPressed: _increment,
          child: Text('Increment the count!')
```

## WIDGETS

### StatefulWidget



iOS Host

**Android Host** 

#### Kotlin

```
import android.os.Bundle
import io.flutter.app.FlutterActivity
import io.flutter.plugin.common.MethodChannel
class MainActivity() : FlutterActivity() {
 private val CHANNEL = "samples.flutter.io/battery"
 override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
   MethodChannel(flutterView, CHANNEL).setMethodCallHandler { call, result ->
     // TODO
```

#### Kotlin

```
MethodChannel(flutterView, CHANNEL).setMethodCallHandler { call, result ->
    if (call.method == "getBatteryLevel") {
        val batteryLevel = getBatteryLevel()
        if (batteryLevel != -1) {
            result.success(batteryLevel)
        } else {
            result.error("UNAVAILABLE", "Battery level not available.", null)
    } else {
        result.notImplemented()
```

#### **Swift**

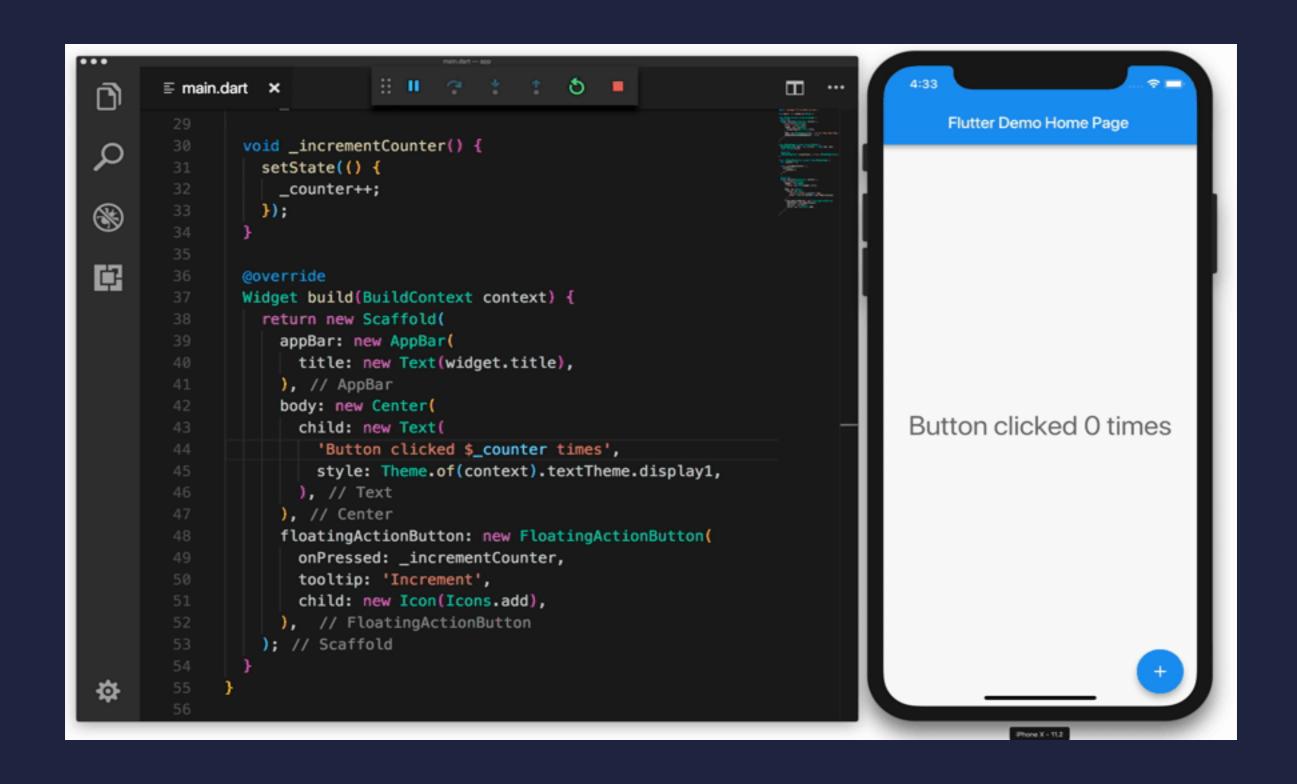
#### **Swift**

```
batteryChannel.setMethodCallHandler({
    (call: FlutterMethodCall, result: FlutterResult) -> Void in
    if ("getBatteryLevel" == call.method) {
        self.receiveBatteryLevel(result: result);
    } else {
        result(FlutterMethodNotImplemented);
    }
});
```

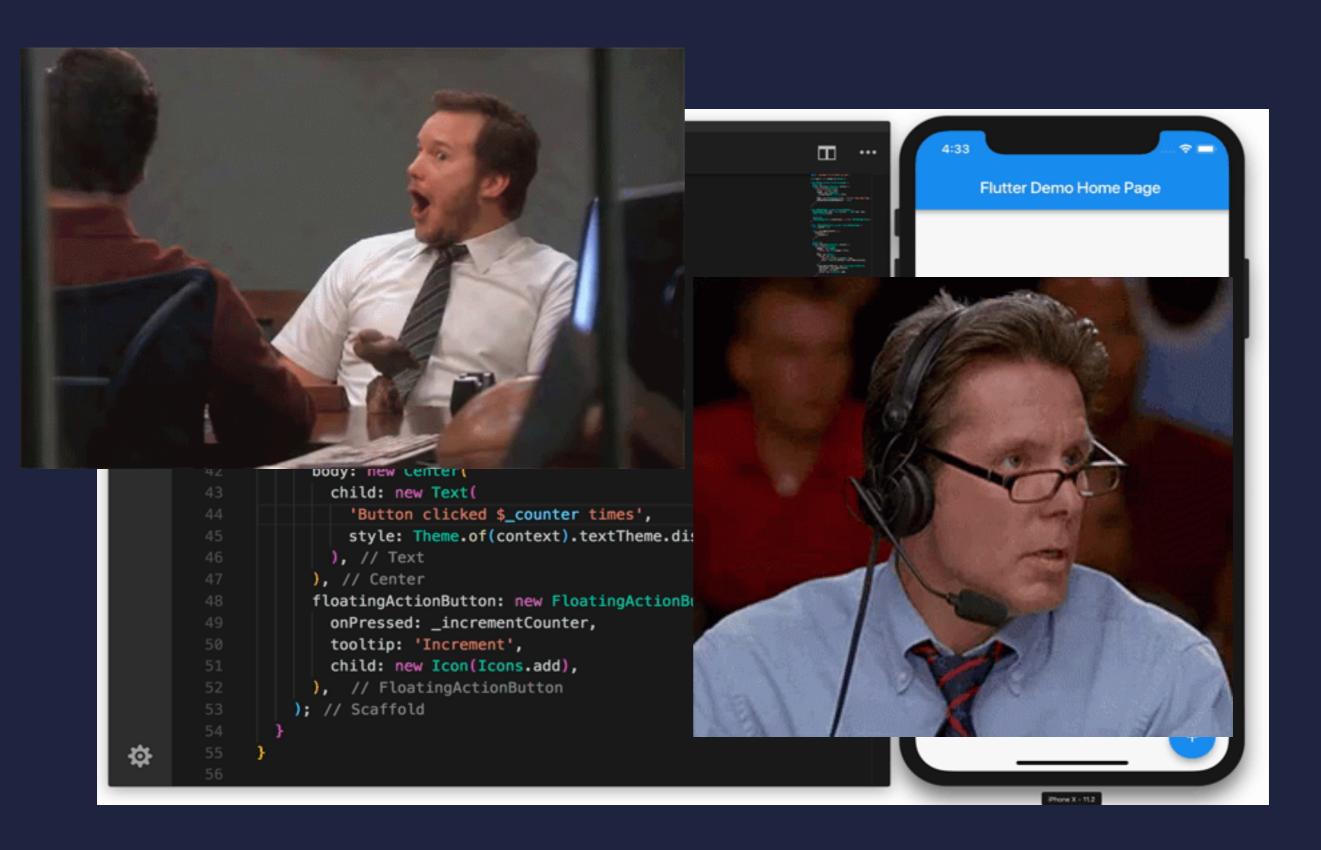
#### Flutter

```
static const platform = const MethodChannel('samples.flutter.io/battery');
String _batteryLevel = 'Unknown battery level.';
Future<Null> _getBatteryLevel() async {
  String batteryLevel;
  try {
    final int result = await platform.invokeMethod('getBatteryLevel');
    batteryLevel = 'Battery level at $result % .';
 } on PlatformException catch (e) {
    batteryLevel = "Failed to get battery level: '${e.message}'.";
  setState(() {
   _batteryLevel = batteryLevel;
  });
```

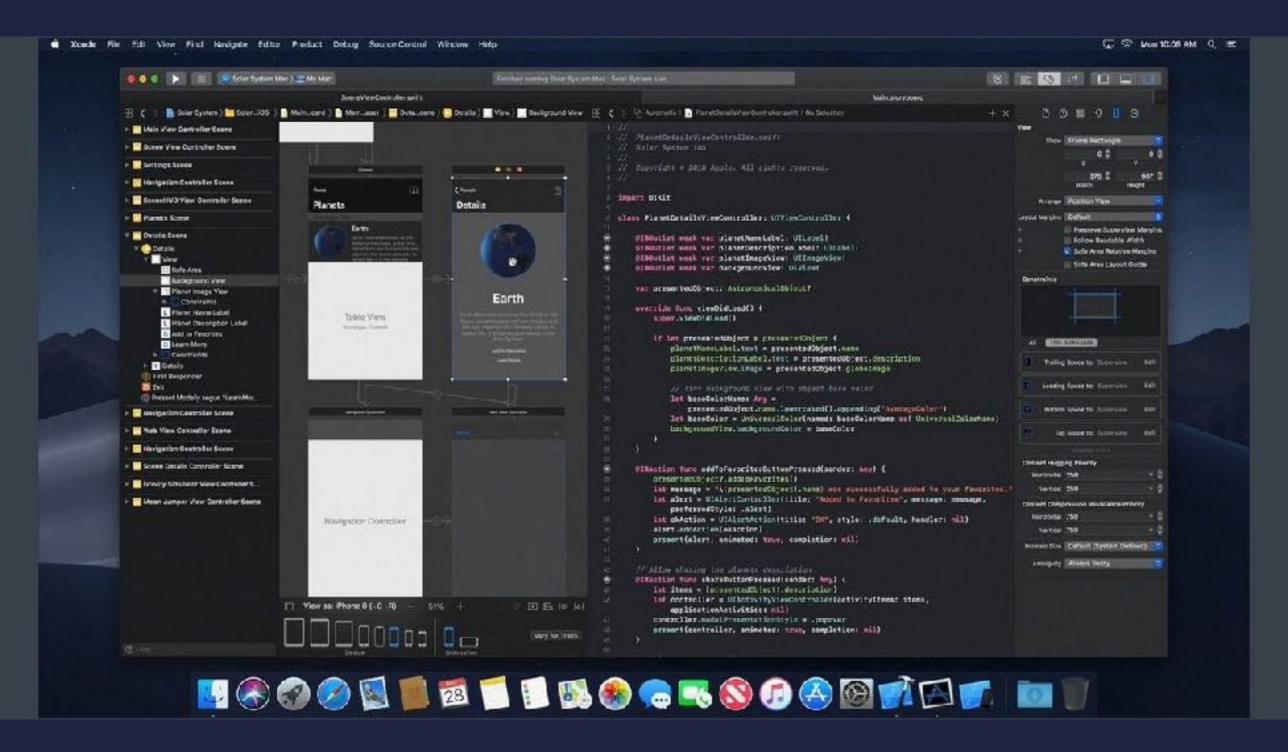
## HOT RELOAD



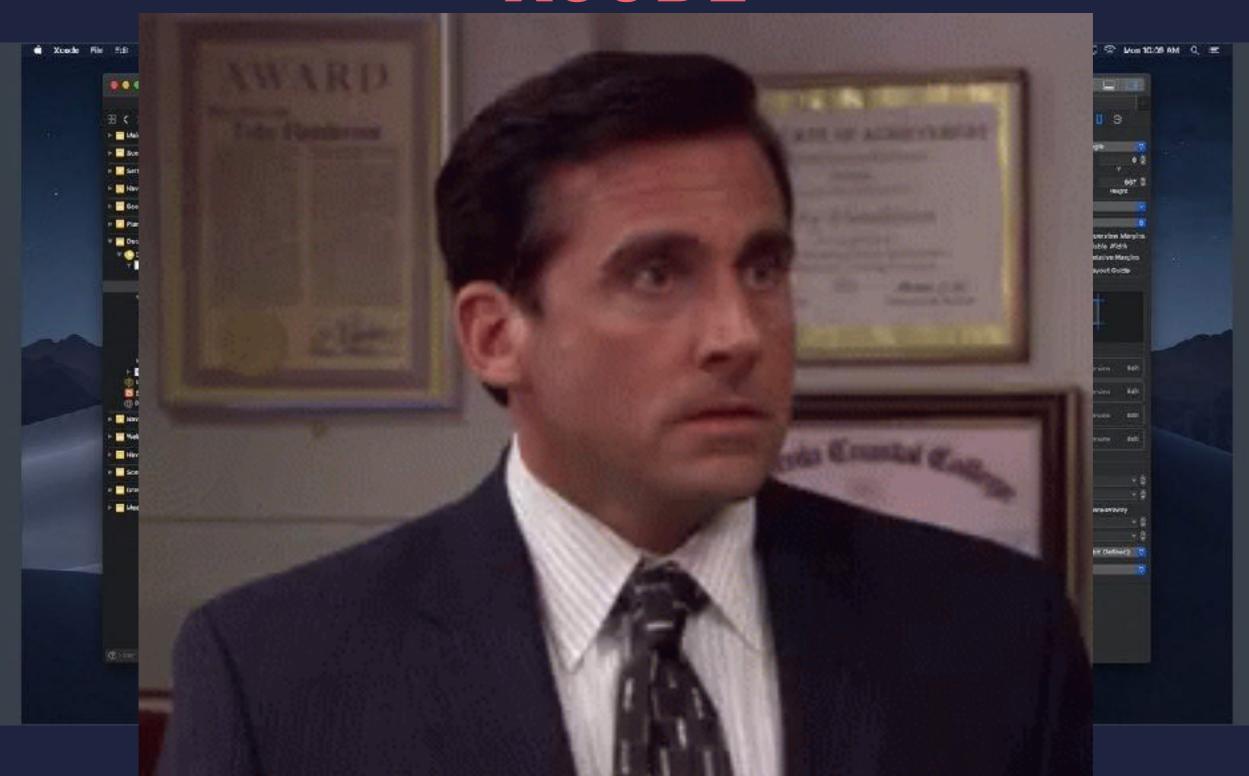
# HOT RELOAD



## **XCODE**



# XCODE



# PERGUNTA 🙋 🙋

• Web?

Android?

iOS?

React Native?

#### Get started

- 1: Install
- 2: Configure editor
- 3: Test drive
- 4: Write your first app
- 5: Learn more

#### Build Uls

Tour the framework

Widget catalog

Cockbook

Sample catalog

Codelabs

Build layouts - Tutorial

Add interactivity - Tutorial

Flutter for Web devs

Flutter for Android devs

Flutter for iOS devs

Flutter for React Native deva-

Gestures

Animations

Box constraints

Assets and images

Internationalization

Accessibility

#### Flutter Documentation

6 Note: Please take this 5-min survey to help improve Flutter!

#### Get Started

Set up your environment and start building.

VISIT

#### Widgets Catalog

Dip into the rich set of Flutte available in the SDK.

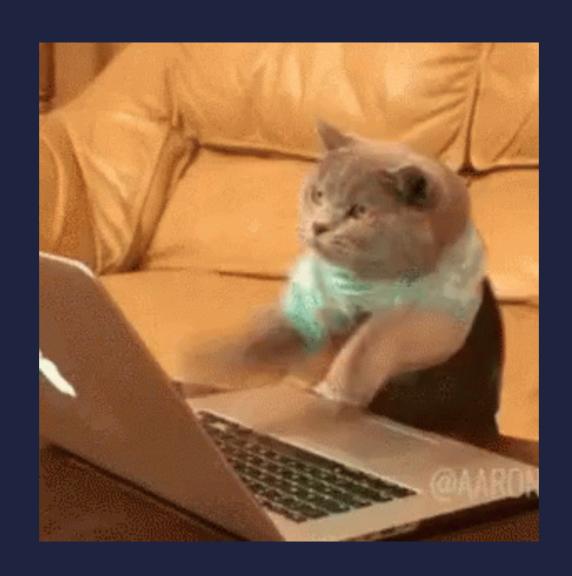
VISIT

#### New to Flutter?

Once you've gone through Get Started, including Write Your First Flutter App, here

- Flutter for Android Developers
   Review these tips if you have Android experience.
- HTML/CSS patterns
   Review these HTML -> Flutter analogs if you have web experience.

# LIVE CODE



## LINKS

- https://flutter.io/
- What's Revolutionary about Flutter
- Reflectly From React Native to Flutter
- Codelabs

## **OBRIGADO!**

## PERGUNTAS?

Slides and Code

https://github.com/reeichert/

**Contato** 

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