Using Cupertino Widgets



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Overview



Using the Cupertino Library

CupertinoApp

CupertinoTabScaffold & CupertinoPageScaffold

CupertinoNavigationBar & CupertinoTabBar

CupertinoTextField, CupertinoButton & CupertinoSegmentedControl

CupertinoAlertDialog

- CupertinoDialogAction

Cupertinolcons



Flutter

Material

Implements Material Design

Contains Widgets

Affects the UI

Cupertino

Implements iOS Design

Contains Widgets

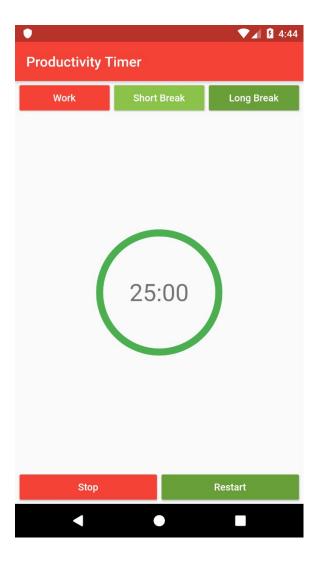
Affects the UI



Material Design





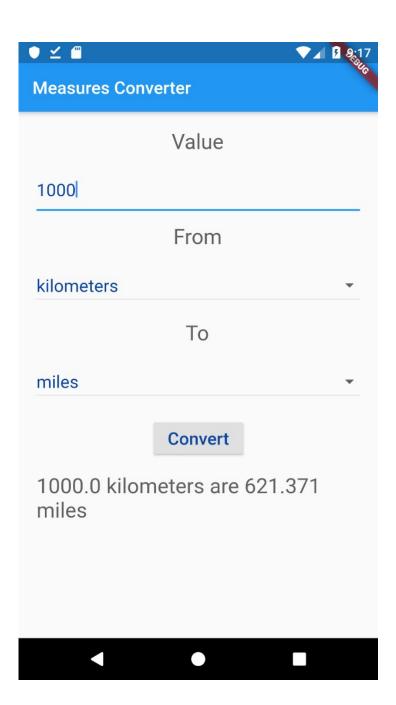


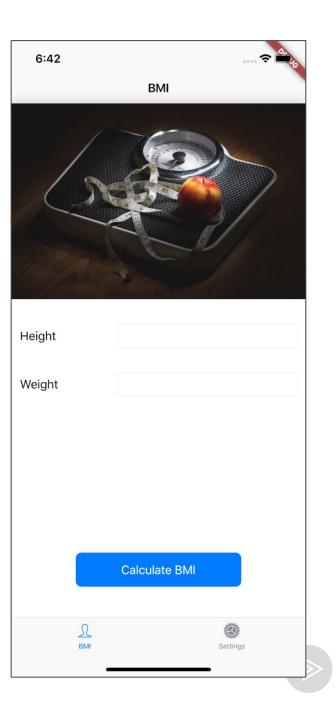


Material

&

Cupertino





Designing Your App



Material Design



Material + Cupertino



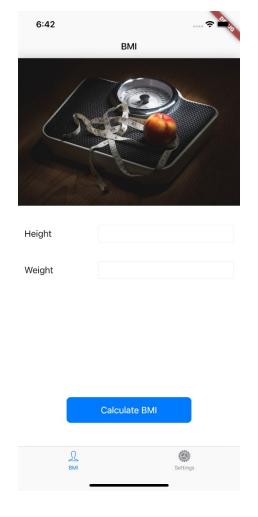
Custom Design

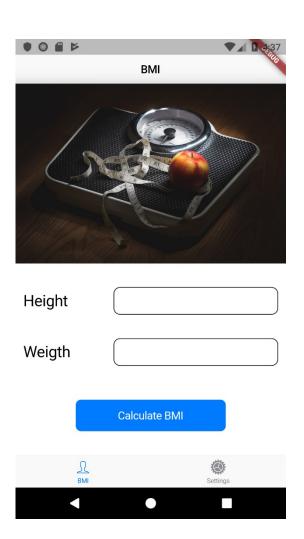


http://bit.ly/cupertinowidgets



iOS - Android







```
import 'package:
   flutter/cupertino.dart';
class MyApp extends StatelessWidget
@override
  Widget build(context) {
    return CupertinoApp(
        home: ...
```

■ Import cupertino.dart

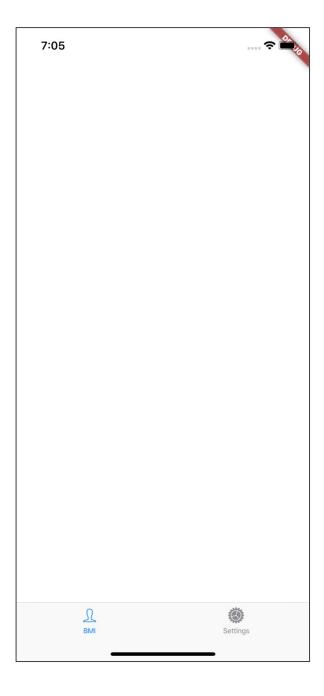
■ Use CupertinoApp



CupertinoTabScaffold(

```
tabBar: [...],

tabBuilder:[...],
);
```





```
CupertinoSegmentedControl(
   children: systems,
   groupValue: 0,
   onValueChanged: (value) {
Map<int, Widget> systems = {
   0: Text('Decimal'),
   1: Text('Imperial'),
```

- The values are in a Map
- **■** Default Value

■ Map: Key-Value Pairs

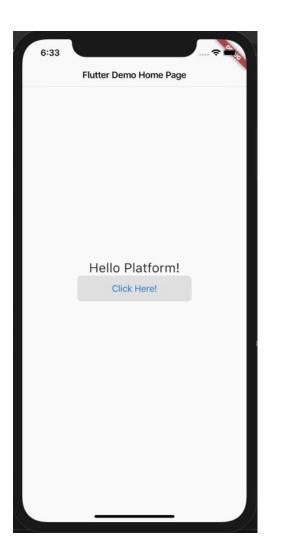
```
dialog =
CupertinoAlertDialog(
   title: Text('Title'),
   content: Text('Content'),
   actions: <Widget>[
       CupertinoDialogAction(
       child: Text('OK'),
       onPressed: () {}
   )],);
showDialog(
   context: context,
   builder: (context) {
       return dialog;
});
```

- Set the title
- **◄** Set the content
- Actions

■ Call the showDialog method

Targeting Android - iOS







```
if (Platform.isIOS) {}
if (Platform.isAndroid) {}
if (Platform.isWindows) {}
if (Platform.isMacOS) {}
if (Platform.isLinux) {}
if (Platform.isFuchsia) {}
```

Platform

The Platform class contains information on the environment in which the current app is running



http://bit.ly/platformwidgets



flutter_platform_widgets



Does not support all widgets



It wraps Material and Cupertino Widgets



Huge Time Saver!



Summary



Using Cupertino

Cupertino Widgets

- CupertinoApp, CupertinoTabScaffold, CupertinoPageScaffold
- Navigation
 - CupertinoNavigationBar
 - CupertinoTabBar
- CupertinoTextField, CupertinoButton, CupertinoSegmentedControl
- CupertinoAlertDialog

Platform

flutter_platform_widgets

