# Flutter

* Everything in a Flutter app is a widget – like Lego blocks
* We build widgets on widgets – widget tree; nesting widgets
* Different types of widgets
  + UI widgets
  + Functional widgets (add interactivity to other widgets)
* Improve typing
  + [www.keybr.com](http://www.keybr.com)

Installation Process

Overview of the Process

There are quite a few steps involved in installing and setting up Flutter before we can get started with app building. But as they say, all good things take time! Here's an overview of the steps.

#### **If you have a Mac**

Outcome: You will be set up to develop Flutter apps for both iOS and Android.

[**Start Here**](https://www.udemy.com/draft/2259120/learn/lecture/14481780/)

1. Install the Flutter SDK
2. Install Android Studio
3. Install the Android Emulator
4. Install Xcode and command line tools
5. Test the iOS Simulator

#### **If you have a PC**

Outcome: You will be set up to develop Flutter apps for Android.

[**Start Here**](https://www.udemy.com/draft/2259120/learn/lecture/14481772/)

1. Install the Flutter SDK
2. Install Android Studio
3. Install the Android Emulator

NOTE: If you are based in China where the google domain is blocked, the Flutter community has set up mirrors and more information can be found [**here**](https://flutter.dev/community/china).