

### Get Started

Install Flutter	<a href="https://flutter.dev/docs/get-started/install">https://flutter.dev/docs/get-started/install</a>
Install Android Studio	<a href="https://flutter.dev/docs/get-started/editor?tab=androidstudio">https://flutter.dev/docs/get-started/editor?tab=androidstudio</a>
Install Flutter plugin in Android Studio	File -> Settings -> Plugins -> Flutter
Iphone as Mobile Device	Buy Developer Account or use Emulator
Other Mobile Device	Connect using by USB and enable Developer Mode
Emulator	AVD Manager -> Create Virtual Device
Hot Reload	STRG+S -> App is updated automatically

### What is Flutter?

- open source mobile application development SDK
- cross platform app development
- code one time for both IOS and Android apps

### pubspec code

add dependency example      cupertino\_icons: ^0.1.2

### main.dart code

Importing from a package

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

Run a class (e.g. MyApp())

```
void main() => runApp(MyApp());
```

Set title in appBar

```
appBar: AppBar( title: Text('Welcome to Flutter'), )
```

Set text in the body

```
body: Center( child: Text('Hello World'), )
```

display something in a list

```
return ListTile( title: Text( pair.asPascalCase, style: _biggerFont, )
```

random words class

```
class RandomWordsState extends State< RandomWords> { @override Widget build(- BuildContext context) { final wordPair = WordPair.random(); return Text(wordPair.asPascalCase); } }
```

set AppBar

```
return Scaffold( appBar: AppBar( title: Text('Startup Name Generator'), ), body: _buildSuggestions(), );
```



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