Android Development with Flutter

•••

By Sohail Nasir

So what is Flutter?

- An open source framework for designing mobile applications.
- Developed and backed by Google
- It prides itself on being able to build expressive apps quickly
- Uses a react style to develop apps
- Uses Dart



But wait... What is Dart...?

- Developed by Google as a multipurpose language
- Can be used both in web and standalone
- Uses a syntax similar to Javascript
- It can transpile into Javascript and Android bytecode
- It supports:
 - Types
 - Generics
 - Mixins & Much more



Seriously why Flutter???

Good for 2d applications

Cross platform

Performance

Hot Reloading

Very unit testing friendly

Allows access to native features

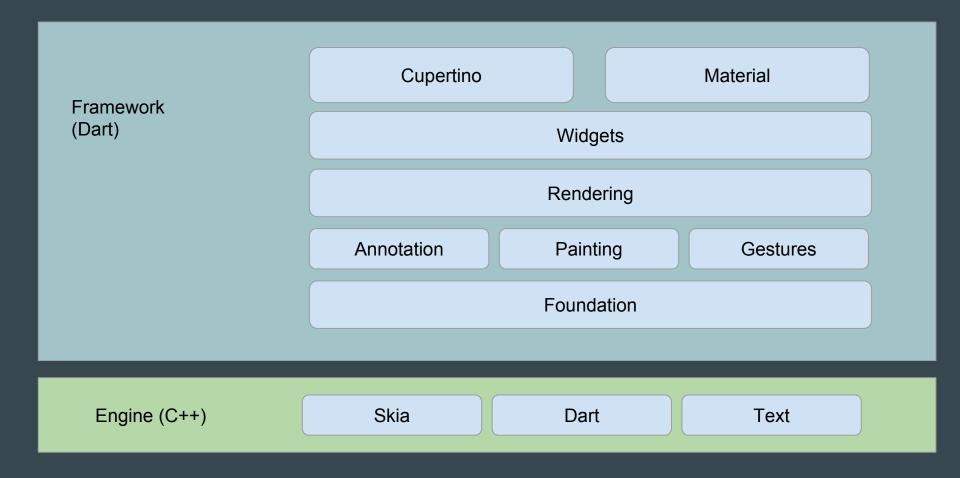




Prerequisites for Demo

- → Dart Sdk
- → Flutter SDK
- → Visual Studio Code
- → Dart Extension for Visual Studio
- → Android Studio/XCode for Mac







To wrap up....

Active development & Community

Still in beta not officially production ready

Easy to pick up especially if you are in the web space

Tooling is still being developed

Highly customisable



Good luck!

Demos are available from my Github:

Flutter:

https://qithub.com/darkliahos/flutterdemo

API Services:

https://github.com/darkliahos/demoAPIServices

Moar Flutter Goodies:

https://flutter.io/

https://material.io/guidelines/material-design/introduction.html