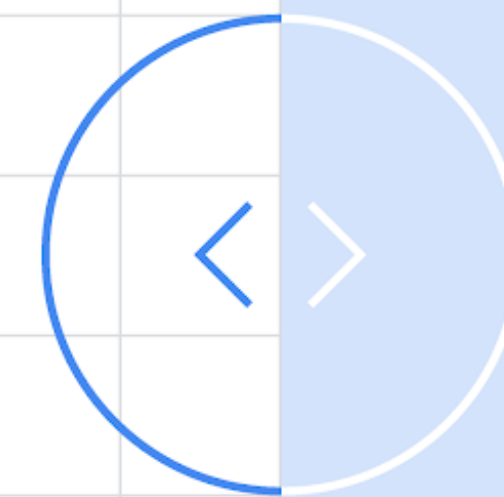


Flutter on the Web in 2019

<p> How well does it work? </p>



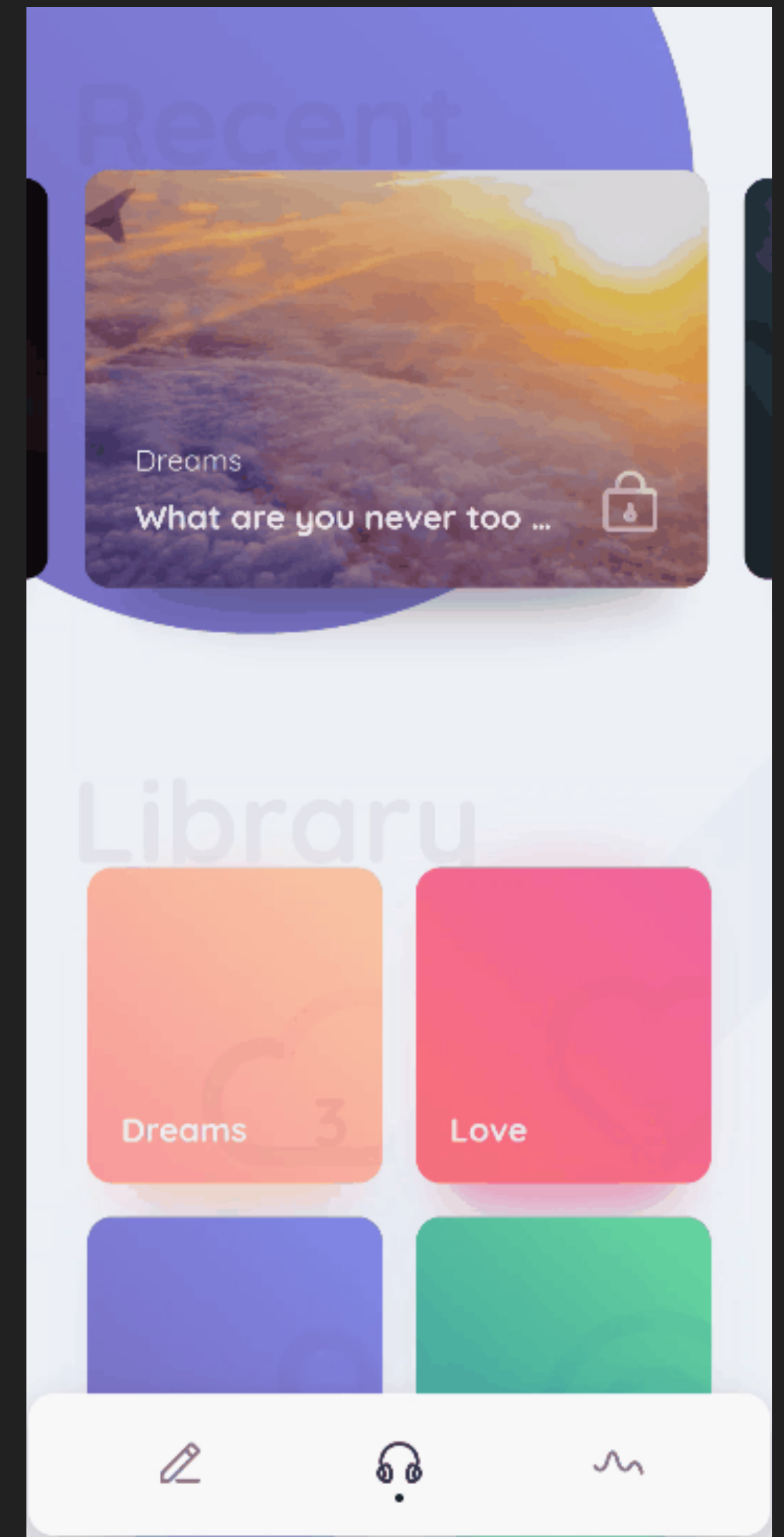
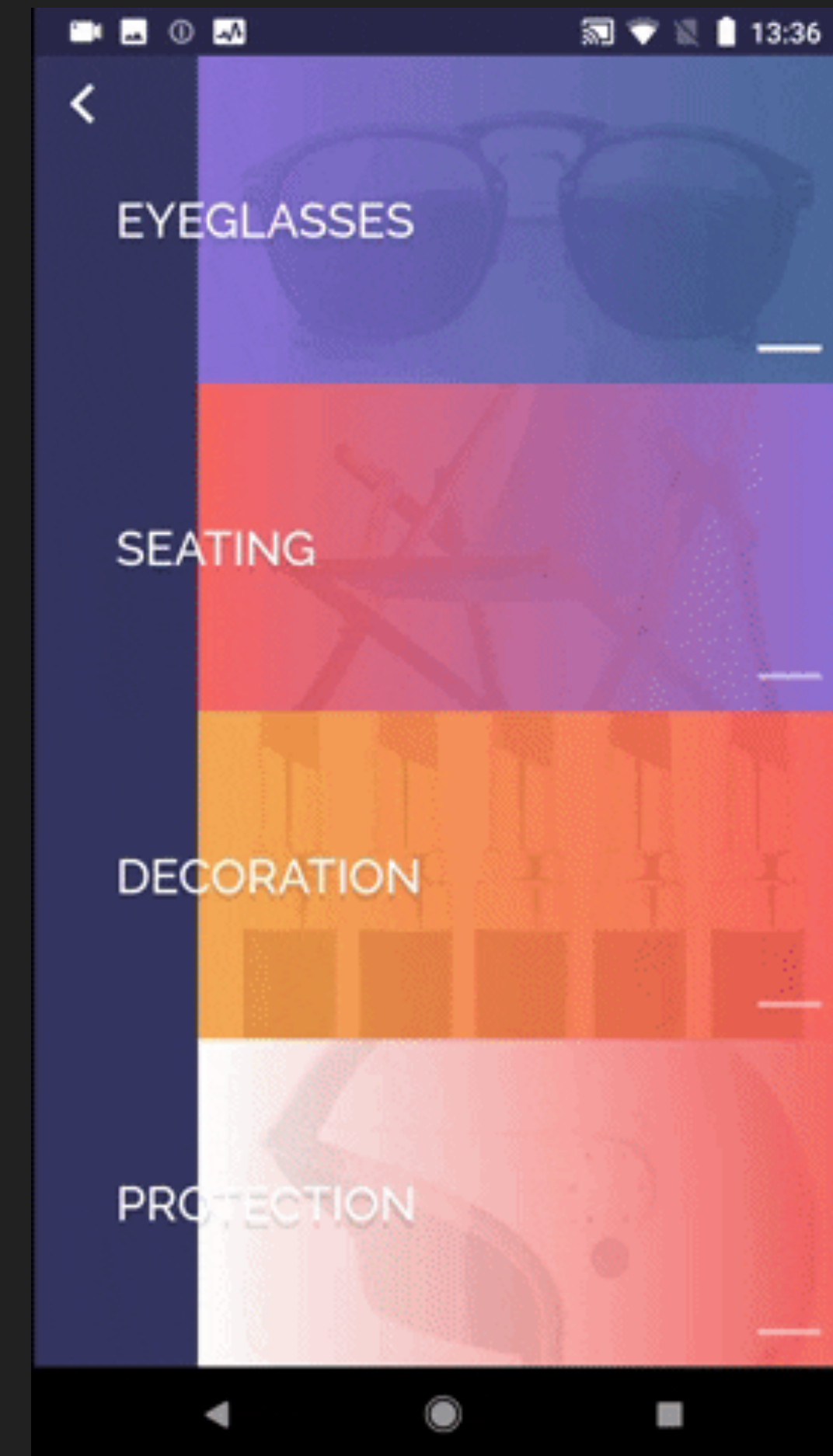
Jeroen Meijer (Jay)
Flutter & Dart GDE
@jfkdev



Flutter

Beautiful apps in record time.

- An open source cross-platform portable UI toolkit.
- Compiles to machine code.
- Custom graphics through with the Skia rendering engine.



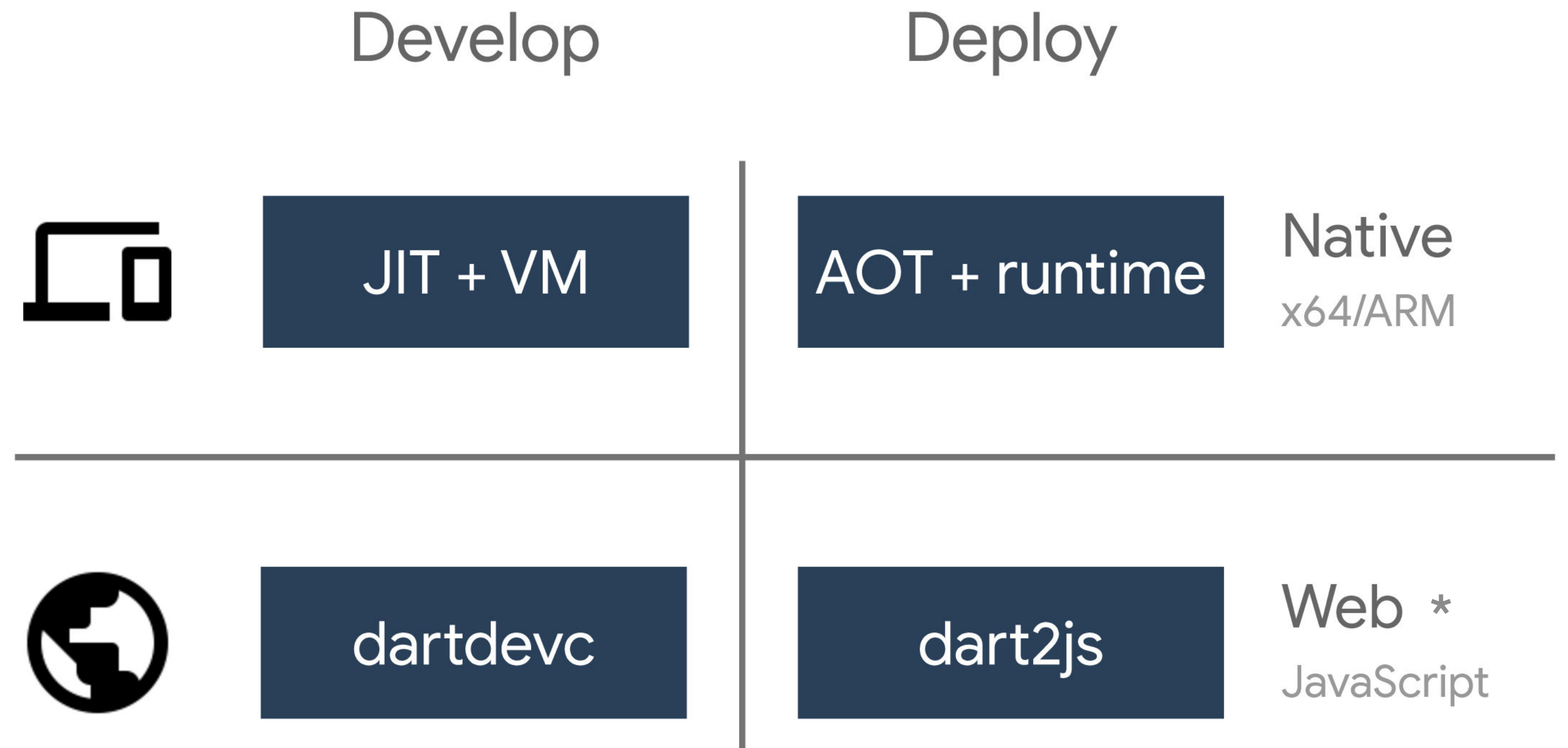
```
import 'package:flutter/material.dart';

void main() ⇒ runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Welcome to Flutter',
      home: Scaffold(
        appBar: AppBar(
          title: Text('Welcome to Flutter'),
        ),
        body: Center(
          child: Text('Hello World'),
        ),
      ),
    );
  }
}
```

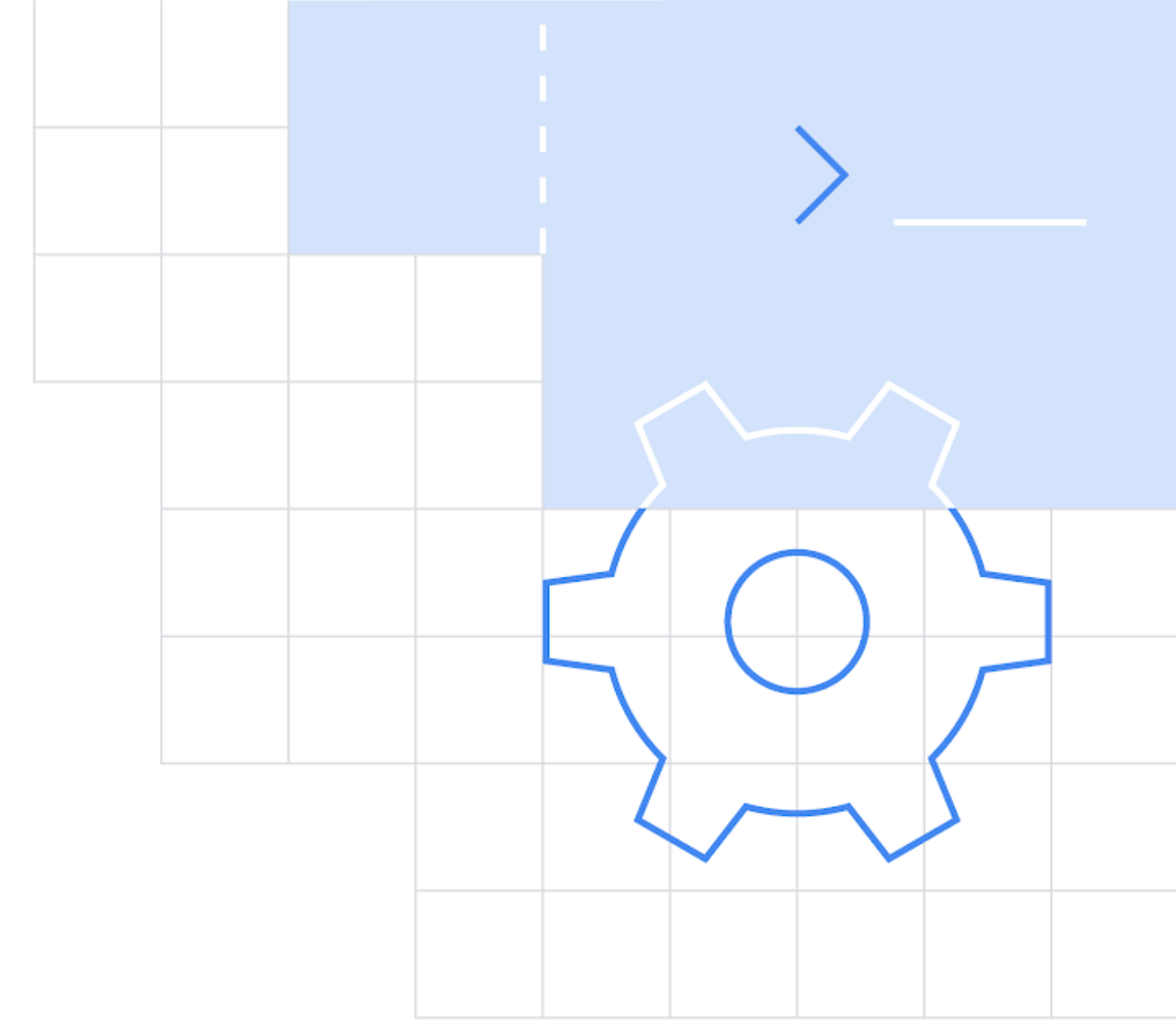
Dart

- General purpose language.
- Familiar syntax.
- Allows for Hot Reload.

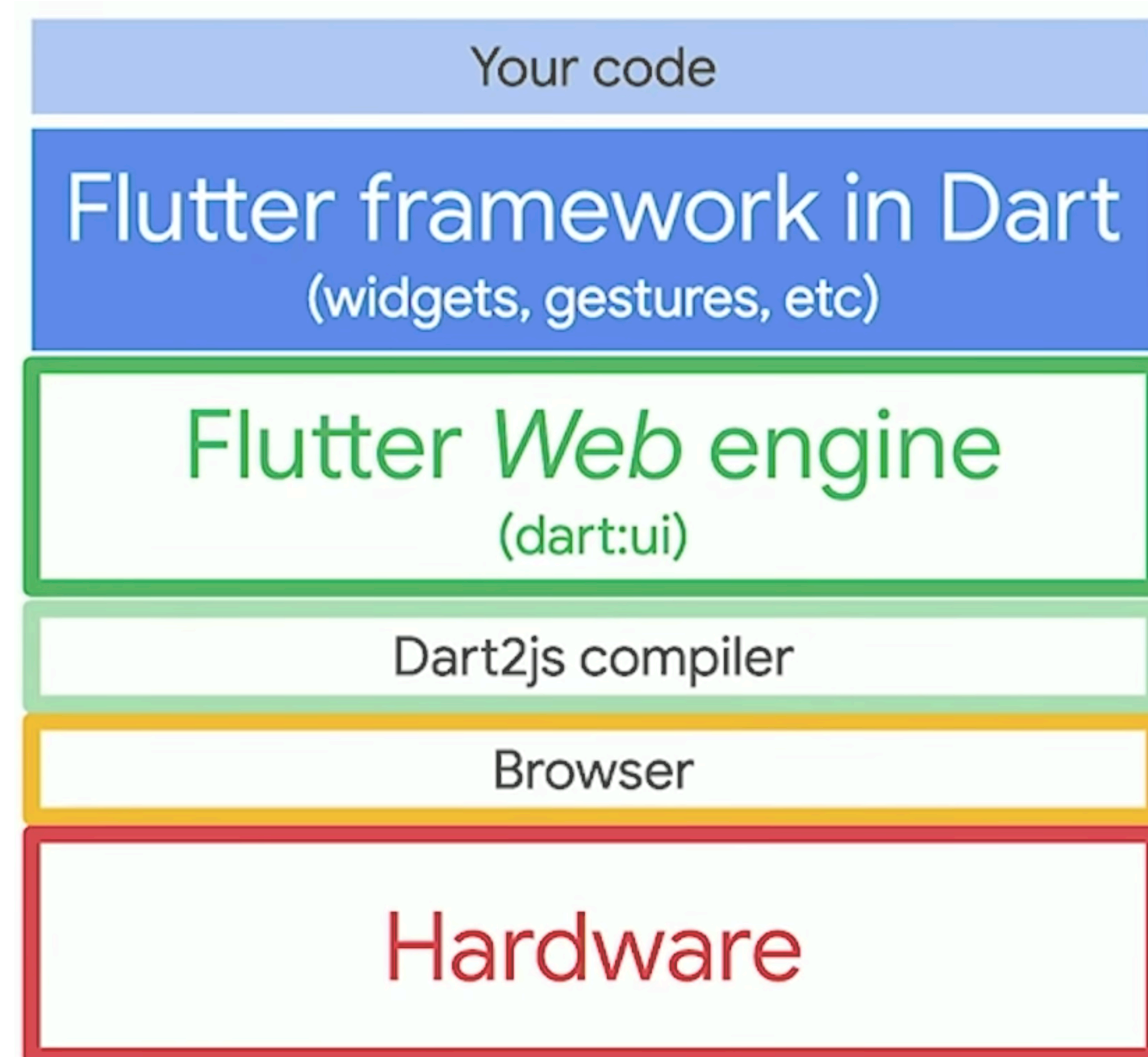
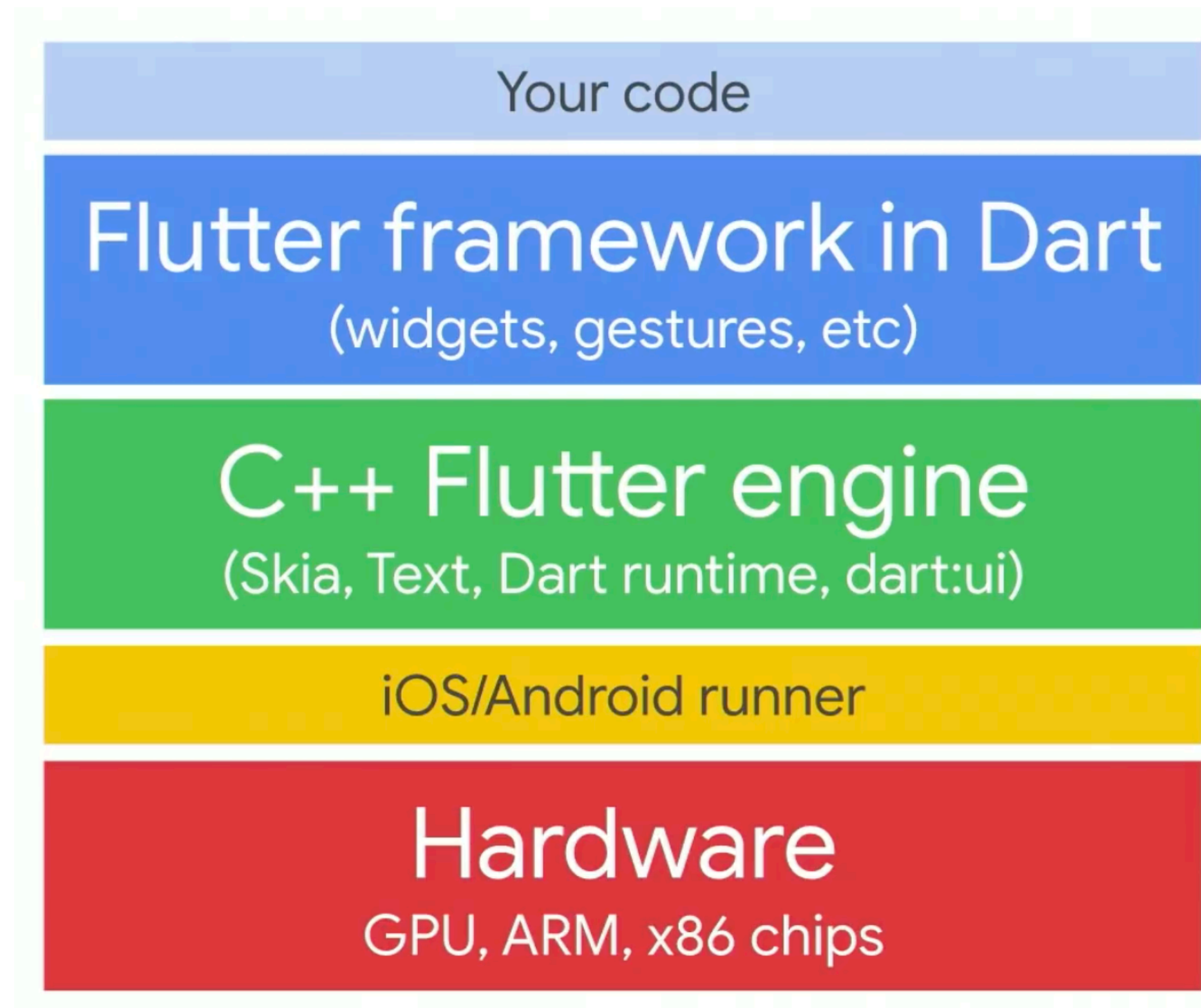


* will probably be important later

Flutter for Web (Hummingbird)

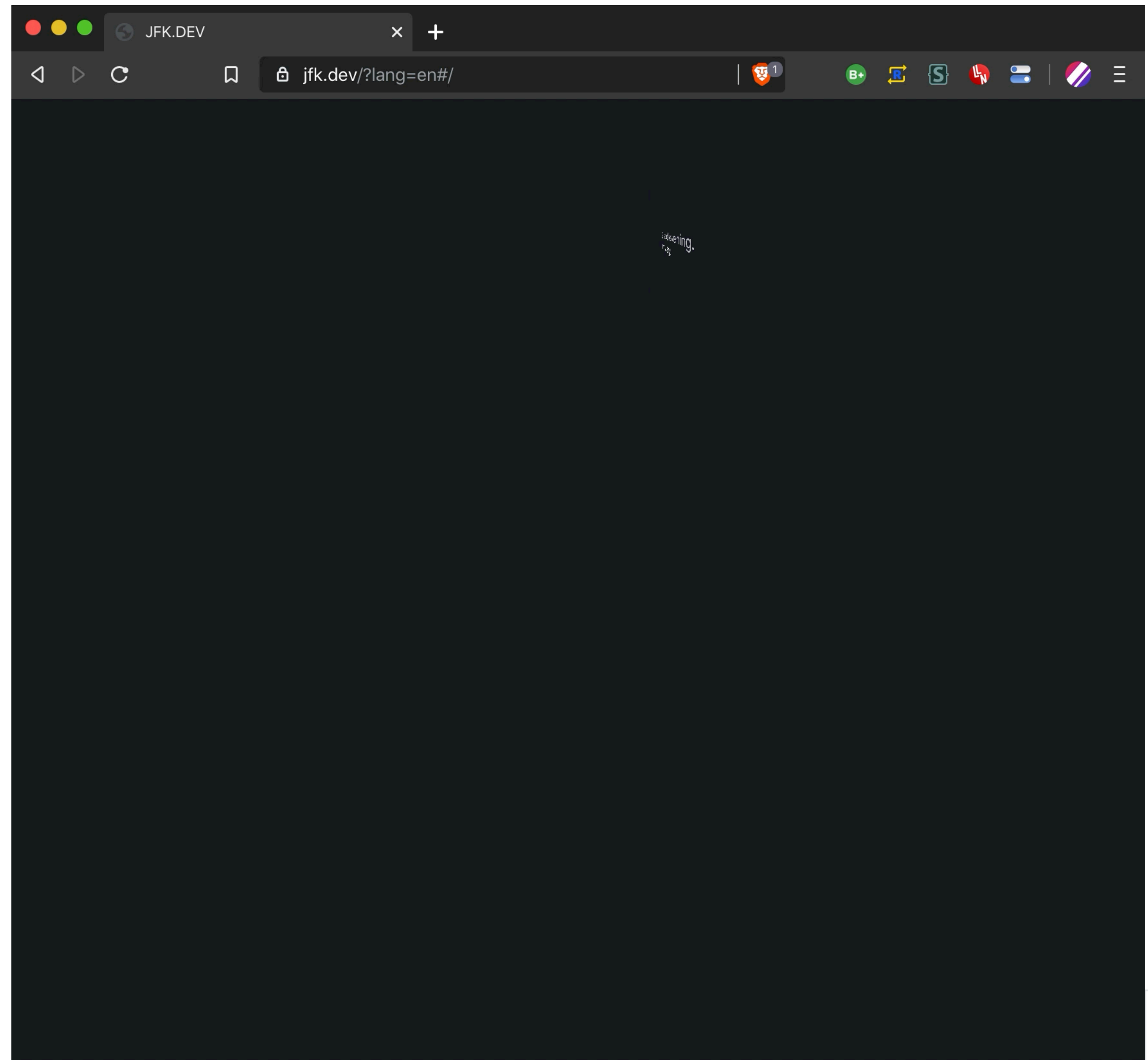


Under the Hood



Does it work?

- Yes.
Mostly.



<https://jfk.dev>

Limitations

- Still in technical preview.
- Flutter framework in Dart is fully supported.
- Performance not as good as on mobile.
- Pure Dart packages will mostly work.
- Most plugins aren't updated yet (but will be soon).
- Glitches might occur in rendering (workarounds possible).

Progress

Everything is open source

Check out <https://github.com/flutter/flutter>

Final Notes & Resources

“There’s a widget for that!”

<https://flutter.dev>

<https://fluttercommunity.dev/github>

Thank You!

Slides and code available at <https://jfk.dev/talks>



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