



THU, JUL 18, 6:00 PM

## Flutter Study Jam



SinnerSchrader Deutschland GmbH



I'd like to invite all of you to our first-ever study jam/coding night. It's going to be a very laid-back event, with great conversations, drinks, and food. The concept is simple: we meet and we build beautiful apps together. Flutter is Google's portable UI toolkit to build beautiful native apps on...



51 attendees

Manage 

 Going

First time at a Flutter Munich meetup?



Hurray!

Yay!

# Flutter experience level

- What is Flutter? I just registered and showed up.
- I watched videos and read a couple of articles, I'm interested in the technology but never really coded anything with Flutter.
- I played with Flutter, followed a couple of tutorials and run an app.
- I built multiple small apps and/or I'm working with Flutter.



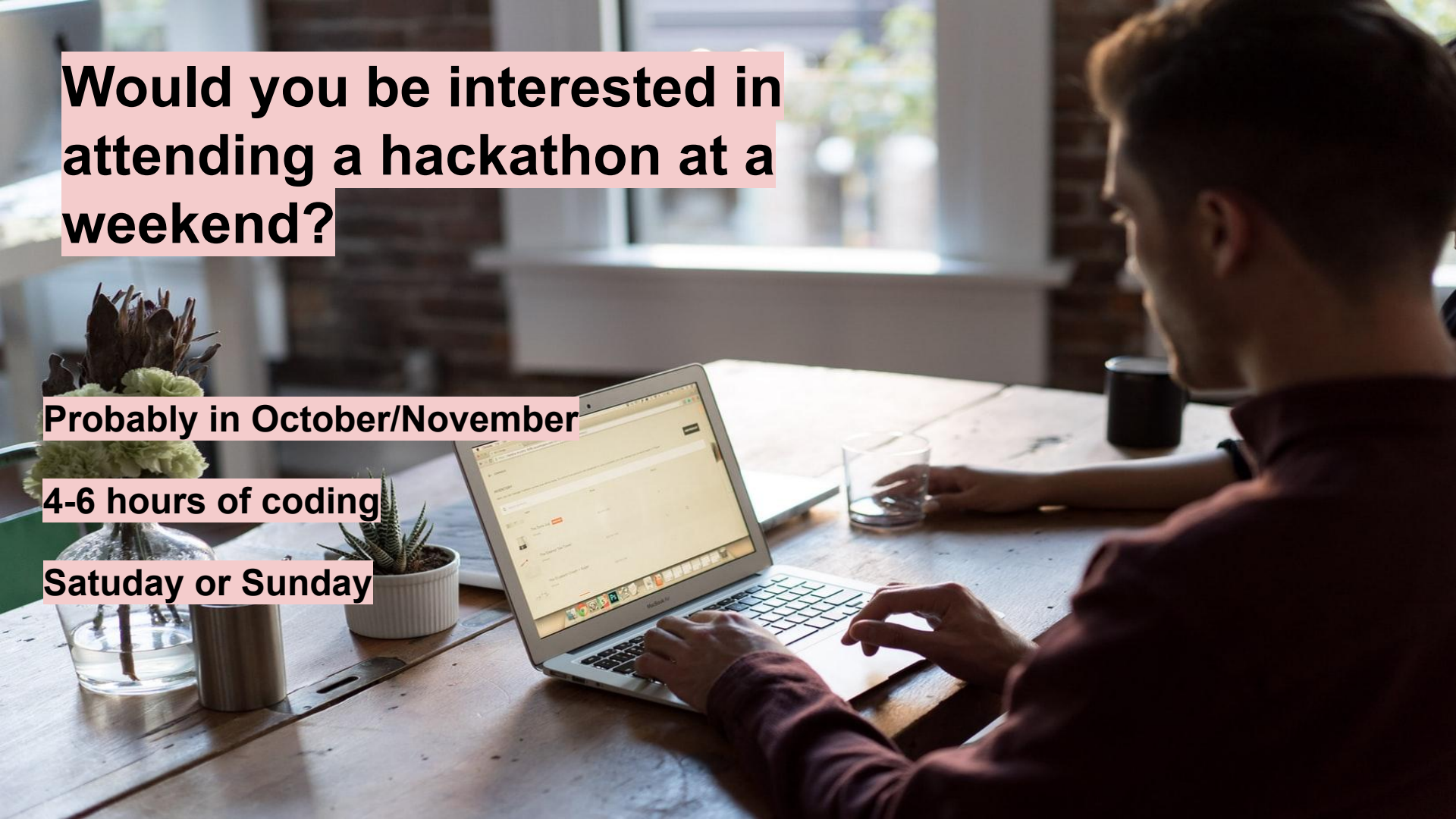


**Would you be interested in attending a hackathon at a weekend?**

**Probably in October/November**

**4-6 hours of coding**

**Saturday or Sunday**



# Flutter is Google's UI toolkit

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Flutter is Google's portable UI toolkit for building beautiful, natively-compiled applications for mobile, web, and desktop from a single codebase.



Beautiful

Productive



Flutter

Fast

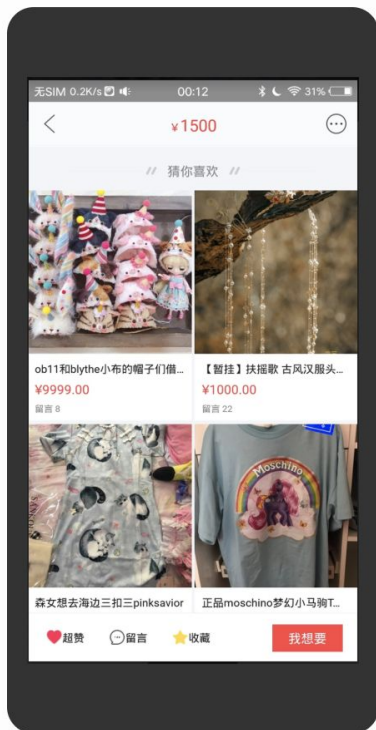
Open

Built and used by Google, developers and companies around the world

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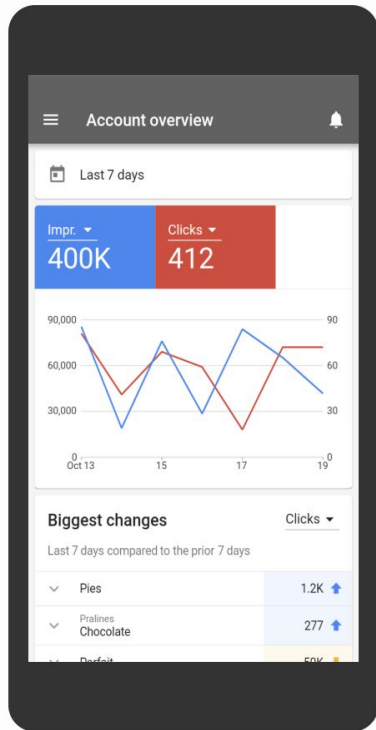


## Alibaba



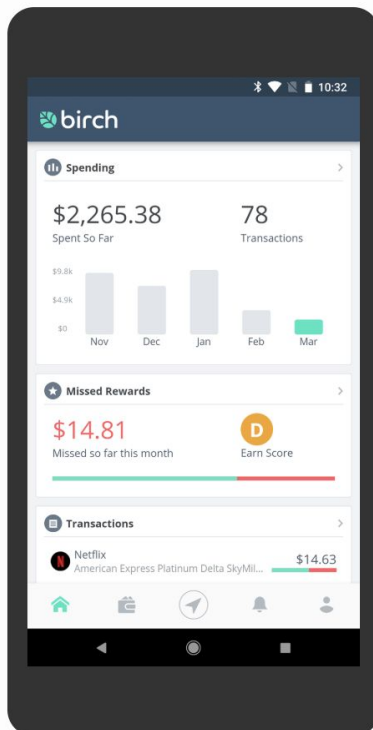
Alibaba's app incorporates Flutter to power parts of their app.

## Google AdWords



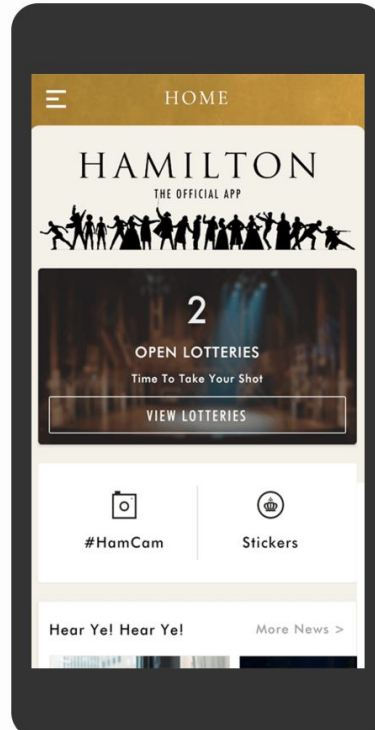
The Google AdWords app helps you keep your ad campaigns running smoothly — no matter where your business takes you.

## Birch Finance



Credit card rewards app to manage and optimize your existing cards.

## Hamilton Musical



Official app of the hit Broadway musical, Hamilton. Includes daily lotteries, exclusive news and videos, a trivia game, merchandise store, and more.



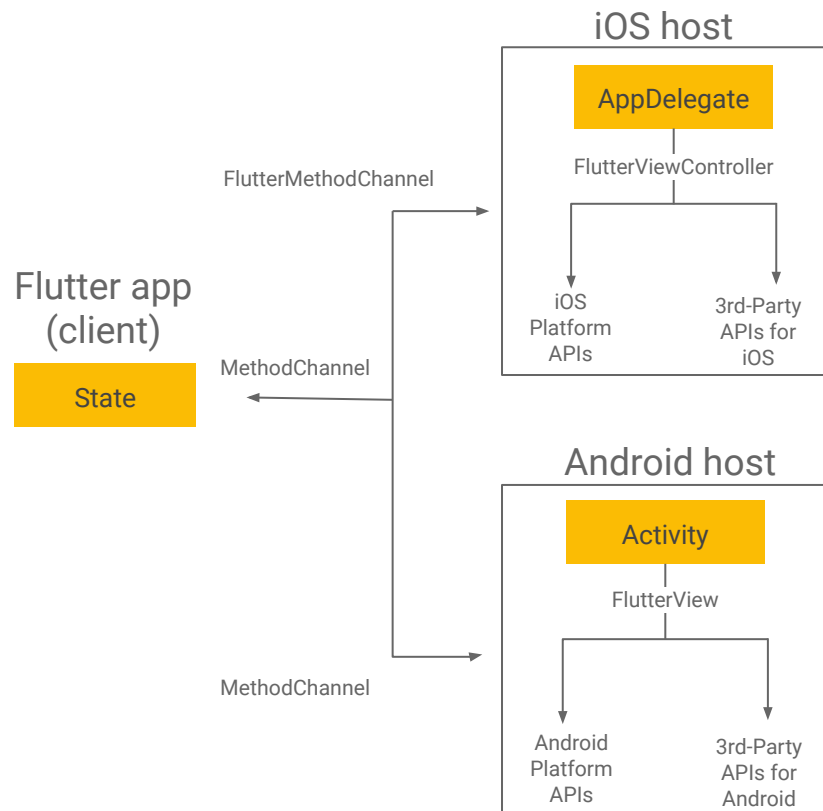
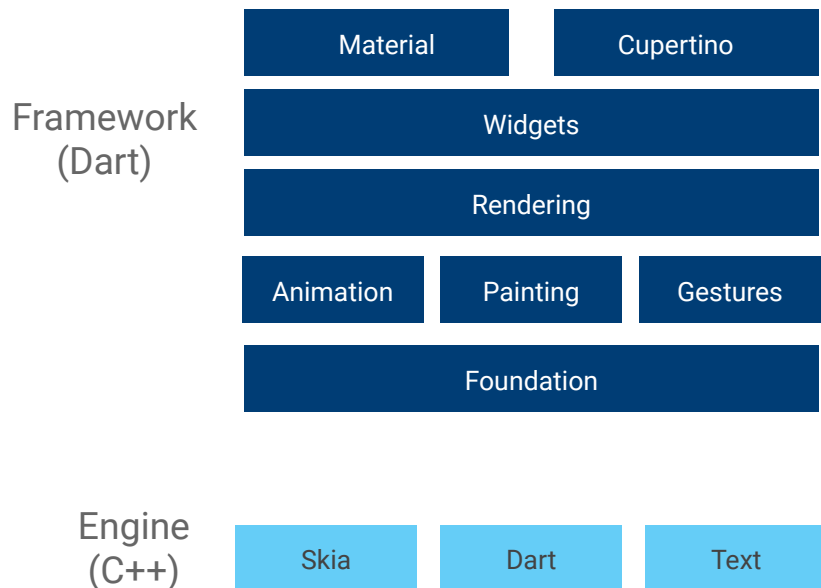
## ***Why I like Flutter***

- Single codebase for iOS and Android apps
- Sub-second reload times enable fast iteration
- Easy-to-learn and strongly typed language: everything's in Dart: no XML, CSS, HTML, etc...
- Rich component library, material and Cupertino widgets



- Easy to integrate native SDKs (platform channels)
- Has great potential for desktop apps and web apps, mobile apps work already well
- Every pixel is controlled by Flutter, never say no to a designer
- Compiles to native ARM code

# Flutter is a modern UI toolkit for native apps



There are guides for people having more experience with other platforms.

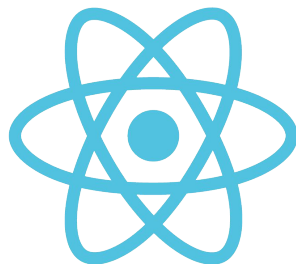


For Android devs:  
[tiny.cc/flutter-android](https://tiny.cc/flutter-android)

For iOS devs  
[tiny.cc/flutter-ios](https://tiny.cc/flutter-ios)



For web devs:  
[tiny.cc/flutter-web-dev](https://tiny.cc/flutter-web-dev)



React Native

For React Native devs:  
[tiny.cc/flutter-react-native](https://tiny.cc/flutter-react-native)



# Dart

Flutter uses Dart. Familiar syntax. Easy to learn. Strongly typed. Not too verbose. Could be a full-stack language: compiled to JavaScript, runs on mobile and server.

```
import 'dart:math' as math;

if (lunchBox.isEmpty) return 'so hungry...';

var aquaticNames = animals
    .where((animal) => animal.isAquatic)
    .map((animal) => animal.name);
```

```
class Circle {
    num radius;

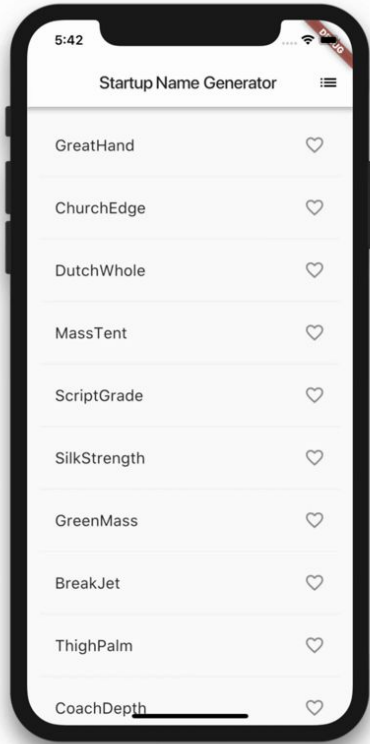
    Circle(this.radius);

    num get area => pi * radius * radius;
    num get circumference => pi * 2.0 *
radius;
}
```

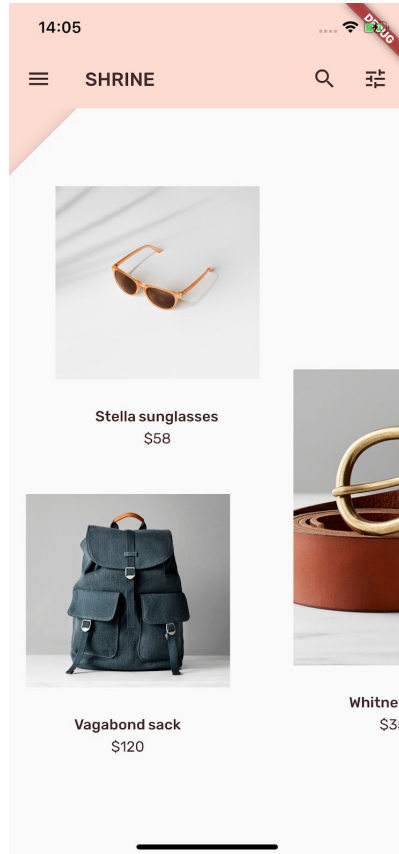
- Why Flutter uses Dart: [tiny.cc/flutter-and-dart](https://tiny.cc/flutter-and-dart)
- Language tour: [tiny.cc/dart-tour](https://tiny.cc/dart-tour)

List of tutorials are available at

[github.com/flutter-munich/study-jam](https://github.com/flutter-munich/study-jam)

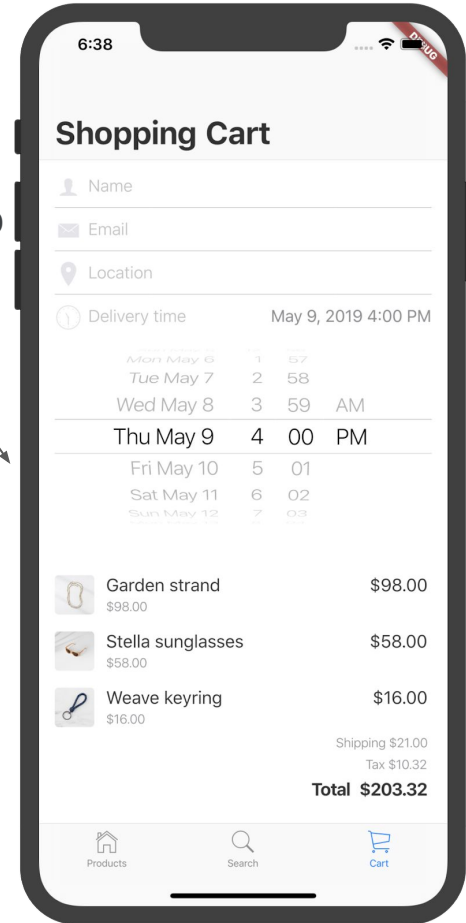


First Flutter app



Building a  
Cupertino app

Material Flutter





# Slack?

[tiny.cc/flutter-munich-slack](https://tiny.cc/flutter-munich-slack)

## Demo?

Would be great to share the apps and code during/after the meetup.

[https://join.slack.com/t/fluttermunich/shared\\_invite/enQtNjk4Njk4NTI2NDM3LWNlMDM0ODQzN2IzMjA3NGNINjJjNGRhZDRiYzJmMWE3ODNINTIxNzlwYjk0ZThhNWnkMGU0OTIyYjAyNTlkZjg](https://join.slack.com/t/fluttermunich/shared_invite/enQtNjk4Njk4NTI2NDM3LWNlMDM0ODQzN2IzMjA3NGNINjJjNGRhZDRiYzJmMWE3ODNINTIxNzlwYjk0ZThhNWnkMGU0OTIyYjAyNTlkZjg)