

An Intro to Flutter: Easily creating iOS and Android apps

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Beginning App Development with Flutter

Create Cross-Platform Mobile Apps
—
Rap Payne

Apress®

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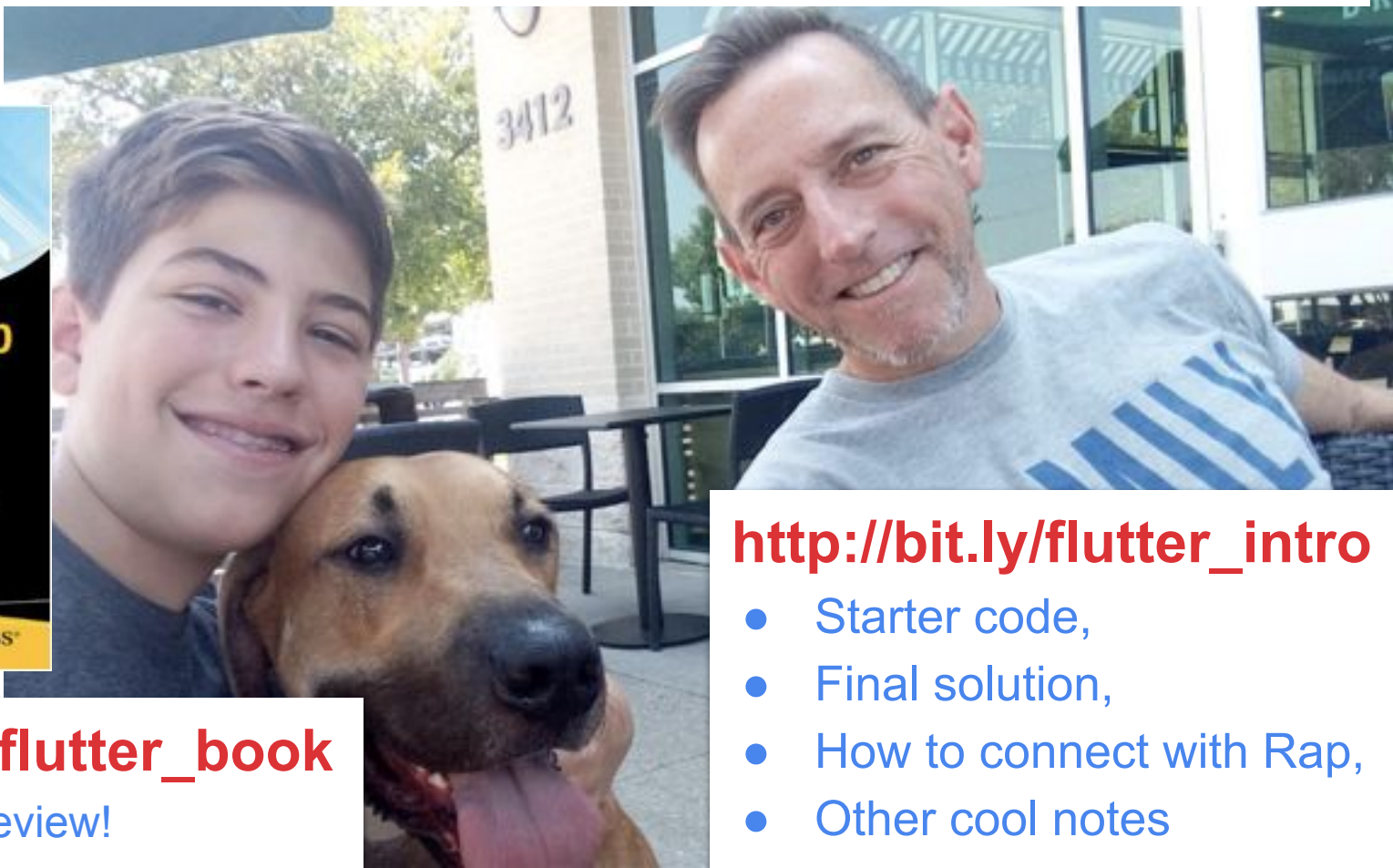
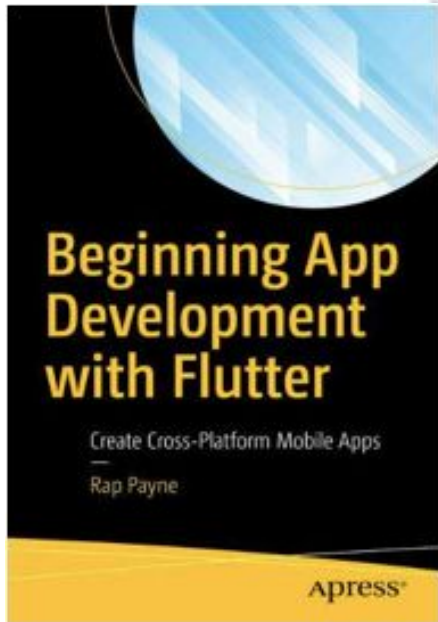
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- Starter code,
- Final solution,
- How to connect with Rap,
- Other cool notes

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We need a web app
for our customers.
It'll be so much
easier for them to
do business with us.

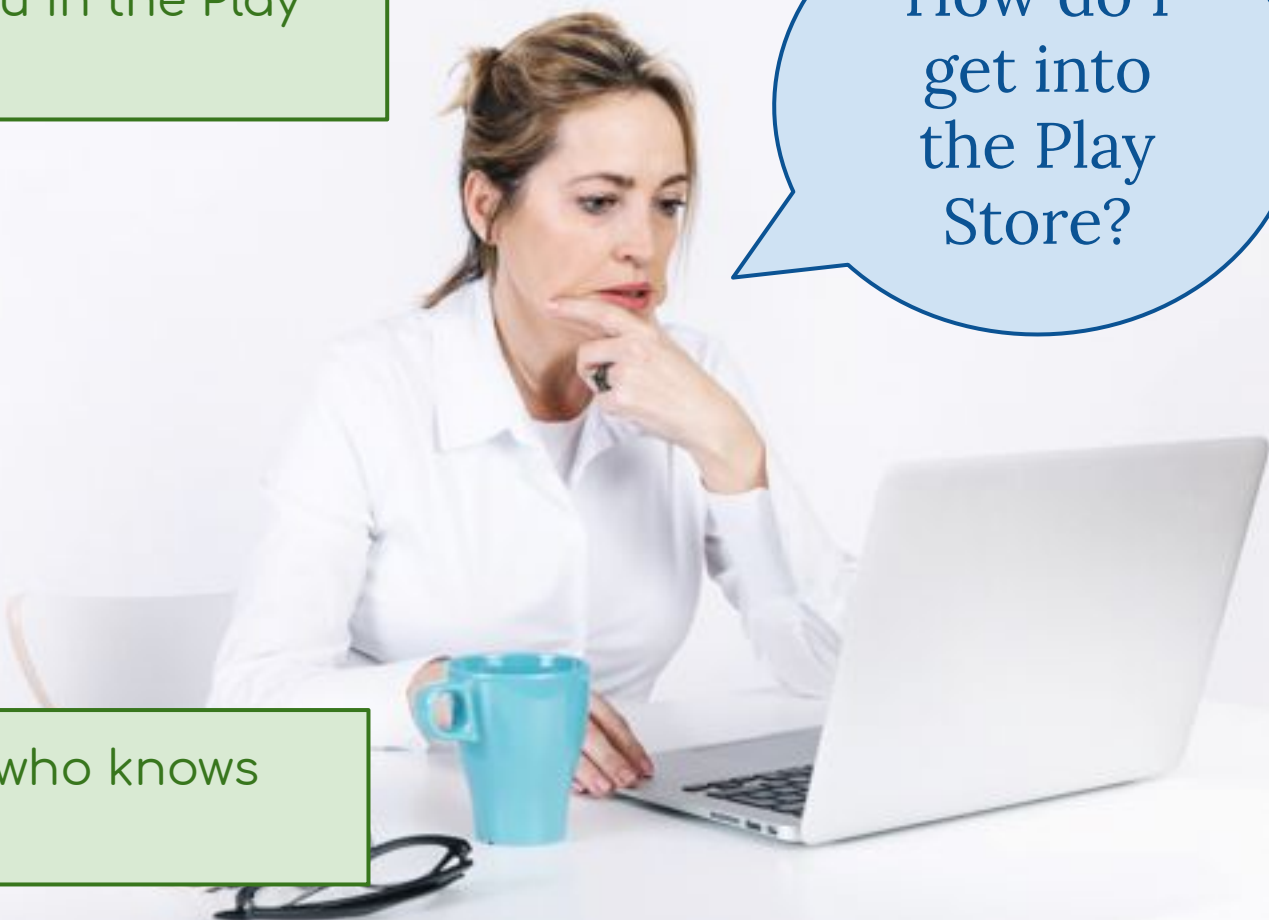
I have to hire a
web developer.

We love your web app, but we'd have been here earlier if you were in the App Store.

Umm, how do I
get into the App
Store?

Hire an iOS developer who knows Swift or
Objective C.






Hey, most of us have Android devices. Why aren't you in the Play Store?

How do I get into the Play Store?

Hire an Android dev who knows Kotlin or Java.

A woman with blonde hair, wearing a white button-down shirt, is sitting at a white desk. She has her eyes closed and her hands pressed against her temples, indicating stress or frustration. In front of her is a silver laptop. To the left of the laptop is a teal-colored mug. Further to the left, a pair of black-rimmed glasses and a spiral-bound notebook with a blue pen are on the desk. The background is a plain, light-colored wall.

But I can't
afford three
developers!

Isn't there
some way I
can hire
one person
who can
develop on
all
platforms?





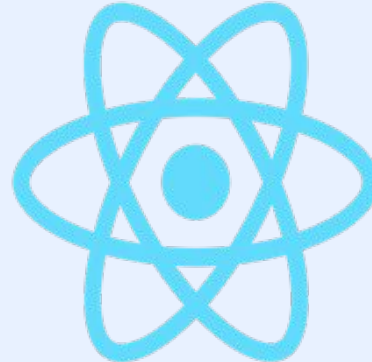
But NativeScript, Xamarin and React Native are cross-platform. What does Flutter do better?



Less community help.
Not backed by a large organization



Better development experience. Less device-specific coding

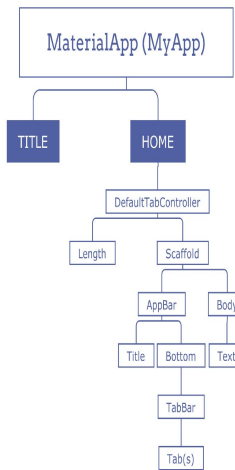


Toolchain is less frustrating. Less device-specific coding

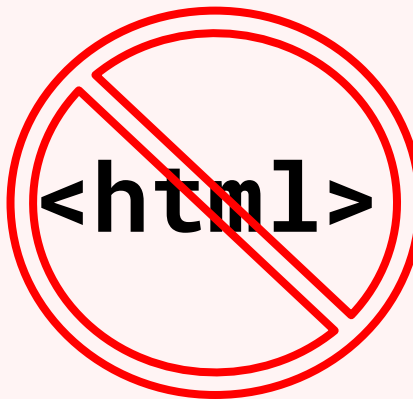
Warning: This is a very opinionated slide. YMMV



Some things to know about Flutter



Everything is a
widget



UI-as-code



It uses dart

Some things to know about dart

Dart seems verbose

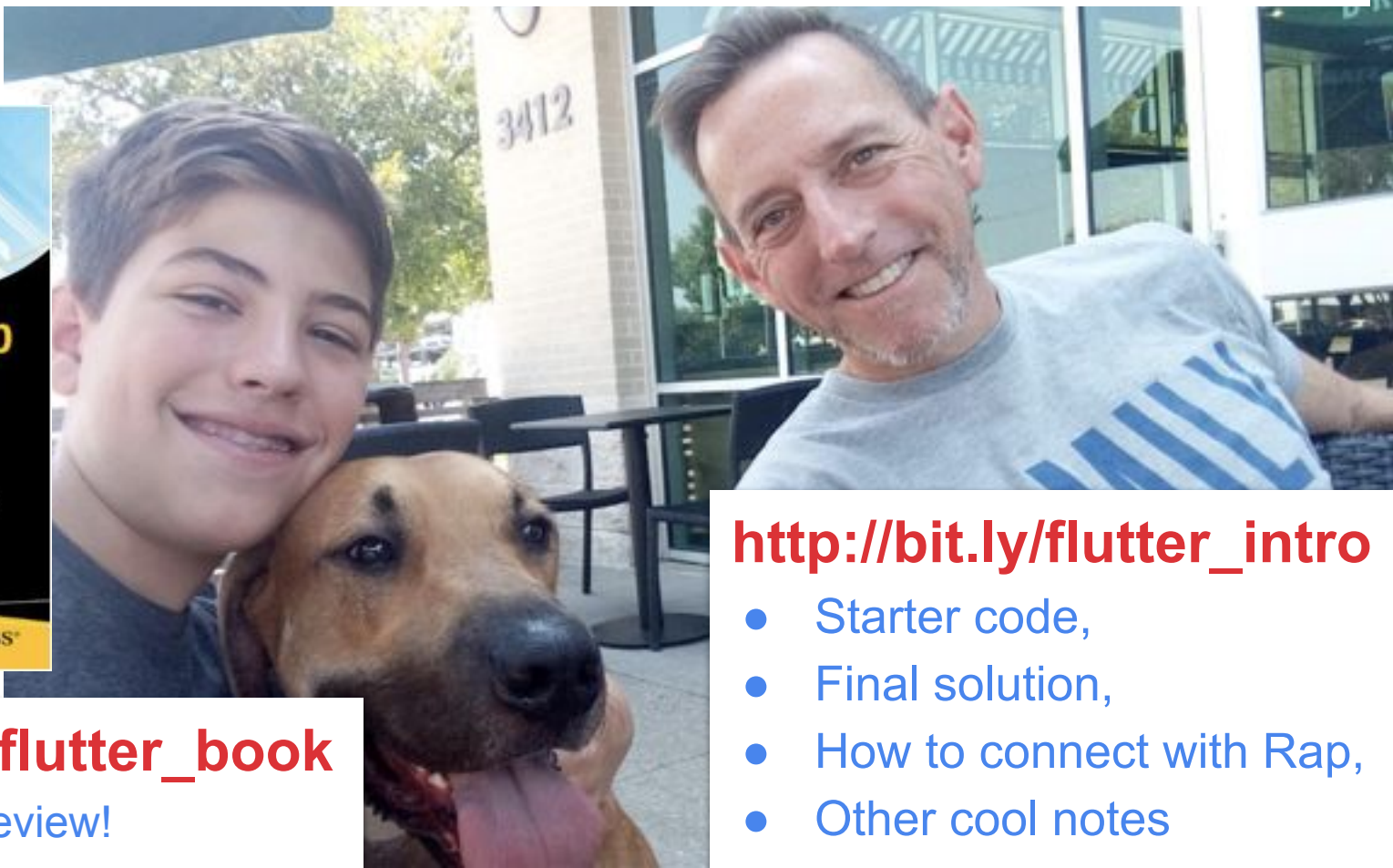
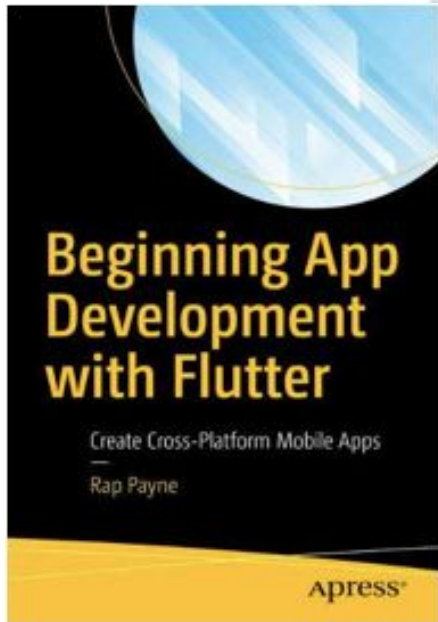
Strongly-typed (kind of)

No need for the *.this* or *new* keywords

Named parameters

Anonymous inline functions

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