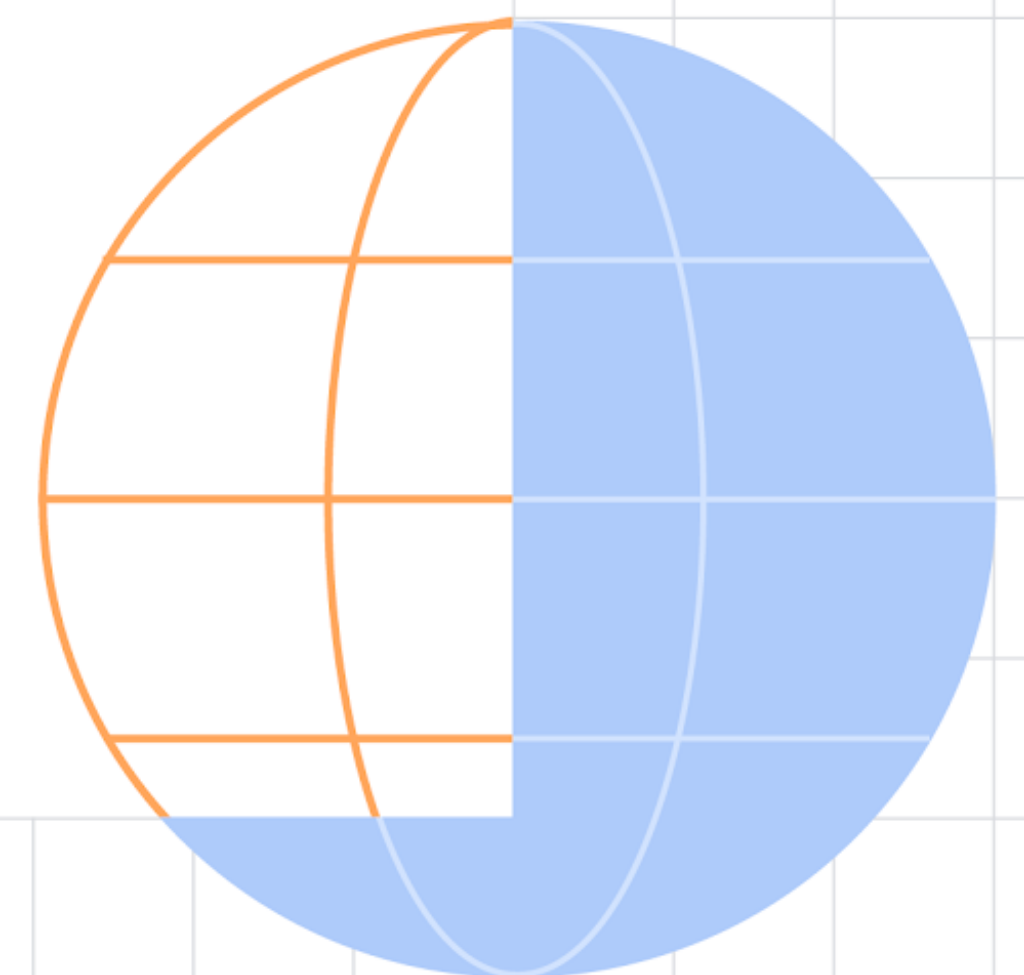


Less is more - Cross-platform frameworks in 2020

A look at the ups and downs of
cross-platform solutions



Jay (Jeroen Meijer)
Flutter & Dart GDE
@jfkdev



Native app development

Native app development

Native app development

Pros

Native app development

Pros

- Great performance

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- Good developer support

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- Easy to give native feel to users

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- Separate teams

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Native app development

Pros

- Great performance
- Good developer support
- Easy to give native feel to users

Cons

- Separate teams
- Expensive
- Lengthy
- Feature parity can become difficult
- Potential loss of a platform

Cross-platform development

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Pros

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- Code sharing

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- Code sharing
- One team

Cross-platform development

Pros

- Code sharing
- One team
- Reuse existing knowledge

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Cons (depending on framework)

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Cross-platform development

Pros

- Code sharing
- One team
- Reuse existing knowledge
- Cheaper
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Cons (depending on framework)

- Performance
- Right tool for the job

Cross-platform development

Pros

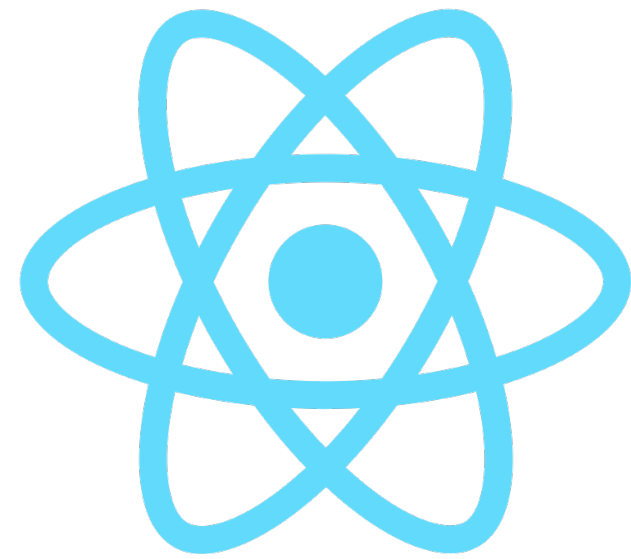
- Code sharing
- One team
- Reuse existing knowledge
- Cheaper
- Faster delivery

Cons (depending on framework)

- Performance
- Right tool for the job
- Lifespan less certain

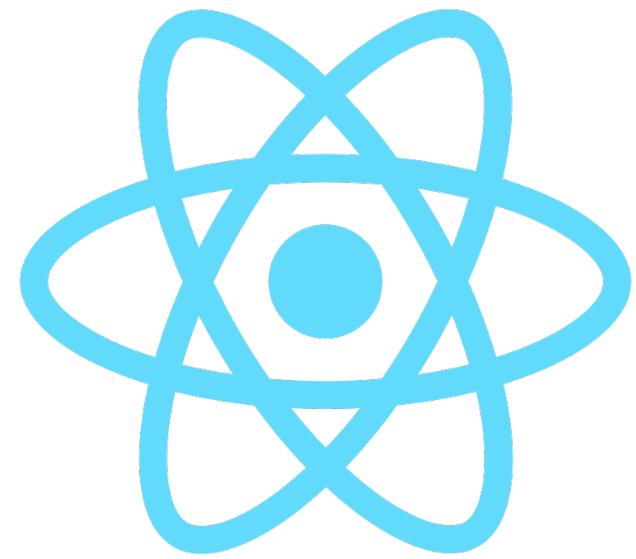
Cross-platform development

Cross-platform development



React Native
JavaScript

Cross-platform development

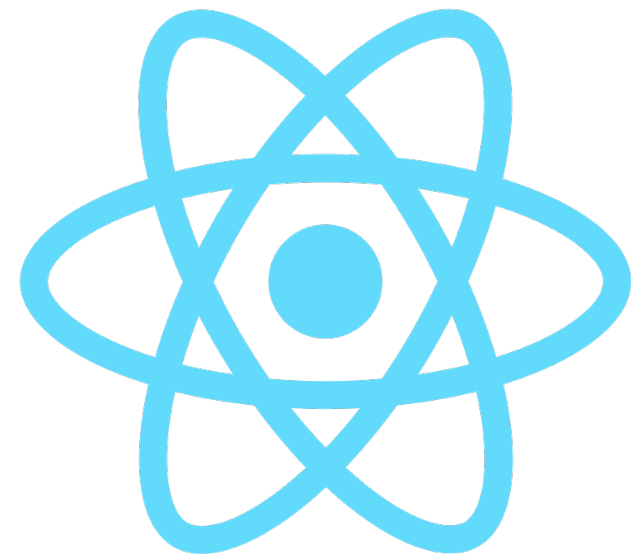


React Native
JavaScript



Flutter
Dart

Cross-platform development



React Native
JavaScript

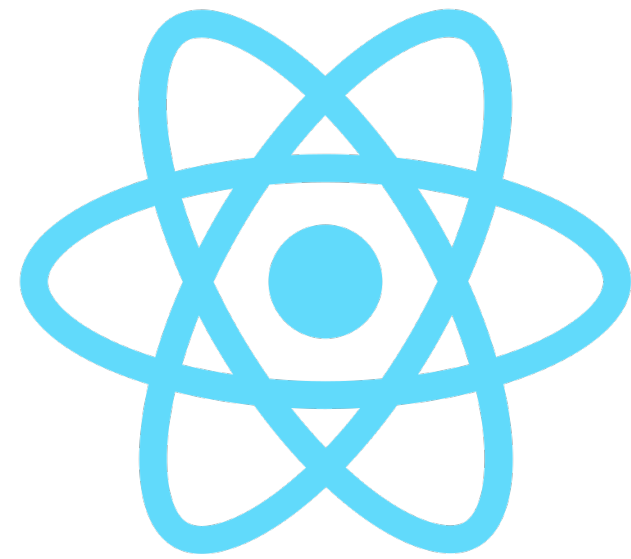


Flutter
Dart



PhoneGap
HTML, CSS, JS

Cross-platform development



React Native
JavaScript



Flutter
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PhoneGap
HTML, CSS, JS



Xamarin
C#

Cross-platform development

Cross-platform development

What to consider

Cross-platform development

What to consider

- What do you know already?

Cross-platform development

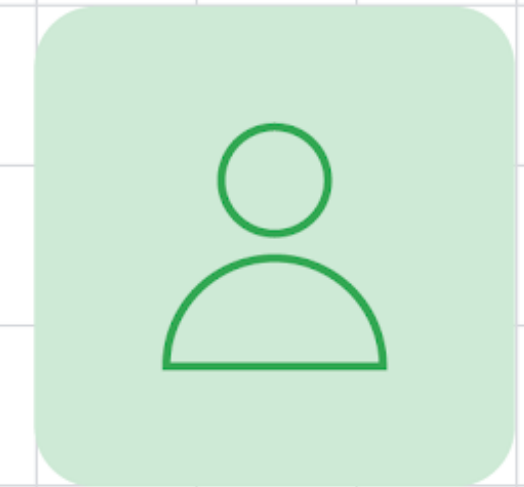
What to consider

- What do you know already?
- Is what's offered usable?

Cross-platform development

What to consider

- What do you know already?
- Is what's offered usable?
- Is it well-supported and scalable?



Thank You!

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



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@jfkdev