React Native: Getting Started

INTRODUCTION

Hendrik Swanepoel
SOFTWARE ENGINEER @INVISIONAPP
@hendrikswan www.tagtree.io

Getting up to Speed

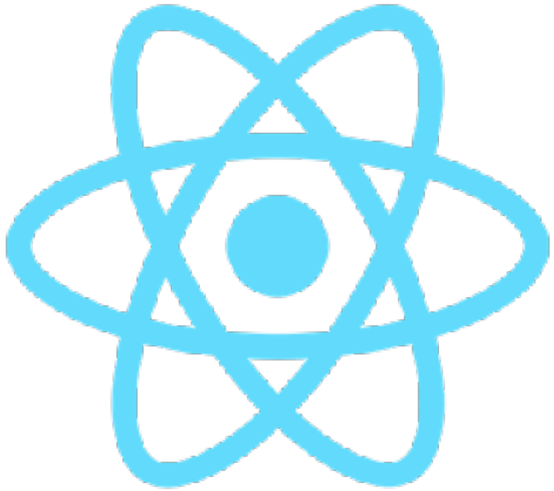
How does React Native work?

Why is it called Native but you build it using JS and React?

How do you create a React Native app?

How do you get it running on your phone?

React Native Is...



React Native

A JavaScript framework

- Built on top of React.js

That produces native mobile apps

Using native components

With a developer friendly workflow

React Native Benefits

Cross Platform

Target iOS and Android with the same code

Dynamic Updates

Update apps in a matter of seconds

Hybrid Apps

Combine native components and apps with React Native

Developer Tooling and Workflow

Familiar

Friendly and familiar to web developers

Lightning Quick

Between making a change in code and seeing it on screen

Out of the Box

Minimal setup required to get started

Community and Ecosystem

Massive Community

Loads of overlap with the React community

Millions of Packages

You can use NPM packages in your app

Get Unstuck

Loads of people to help you out when you get stuck

React Native vs...

Traditional Approach

Targeting iOS:

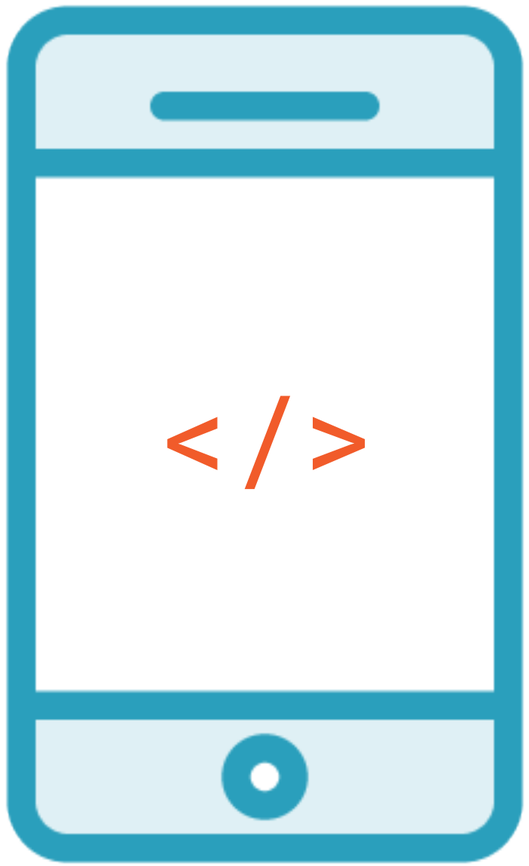
Swift or Obj-C

+

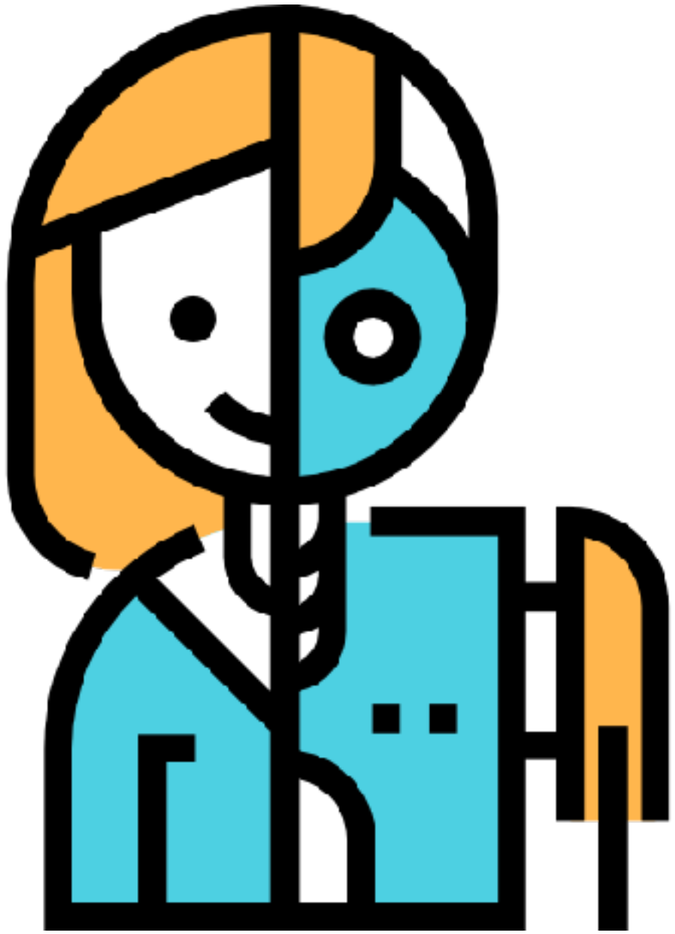
Targeting Android:

Java or Kotlin

Wrapping HTML

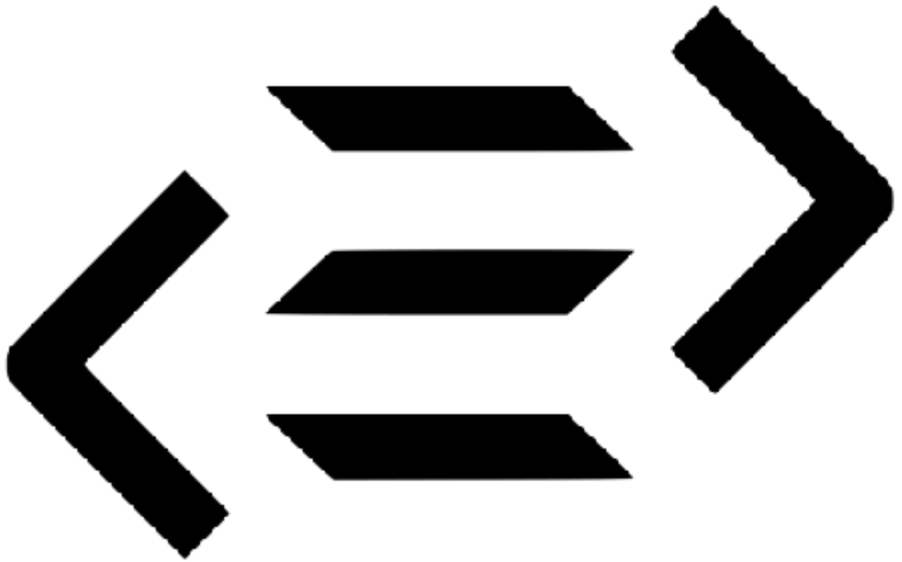


Uncanny Valley Effect

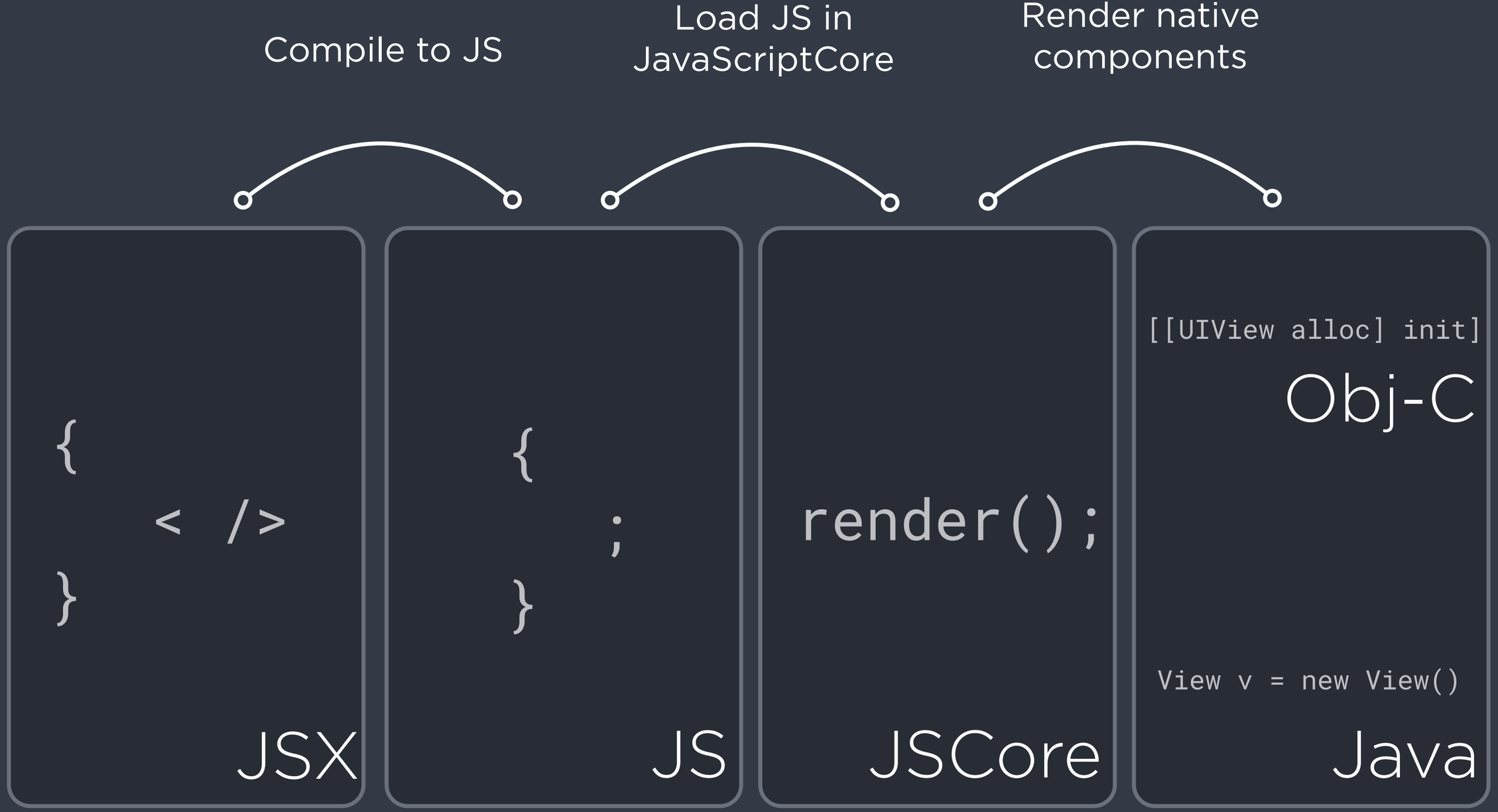


Xamarin

PureScript



Flutter


Compile to JS
Load JS in JavaScriptCore
Render native components
{
< />
}
JSX
{
;
}
JS
render();
JSCore
[[UIView alloc] init]
Obj-C
View v = new View()
Java

LIBRARY
Home
Browse
Feed
Paths
Mentors
Channels
Bookmarks
Notes
AUTHOR TOOLS
Dashboard
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React.js: Getting Started

by Samer Buna

Learn the basics of React.js, and build an in-browser, math skills kids' game from scratch with it.

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Table of contents | Description | Transcript | Exercise files | Discussion | Learning Check | Recommended

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Building the Game Interface	✓	13m 38s
Numbers Selection		14m 9s
Game State		22m 20s

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Course author

Samer Buna

Samer Buna is a polyglot coder with years of practical experience in designing, implementing, and testing software, including web and mobile applications development, API design, functional...

Course info

Level	Beginner
Rating	★★★★½ (1503)
My rating	★★★★★
Duration	1h 43m
Updated	12 Apr 2017

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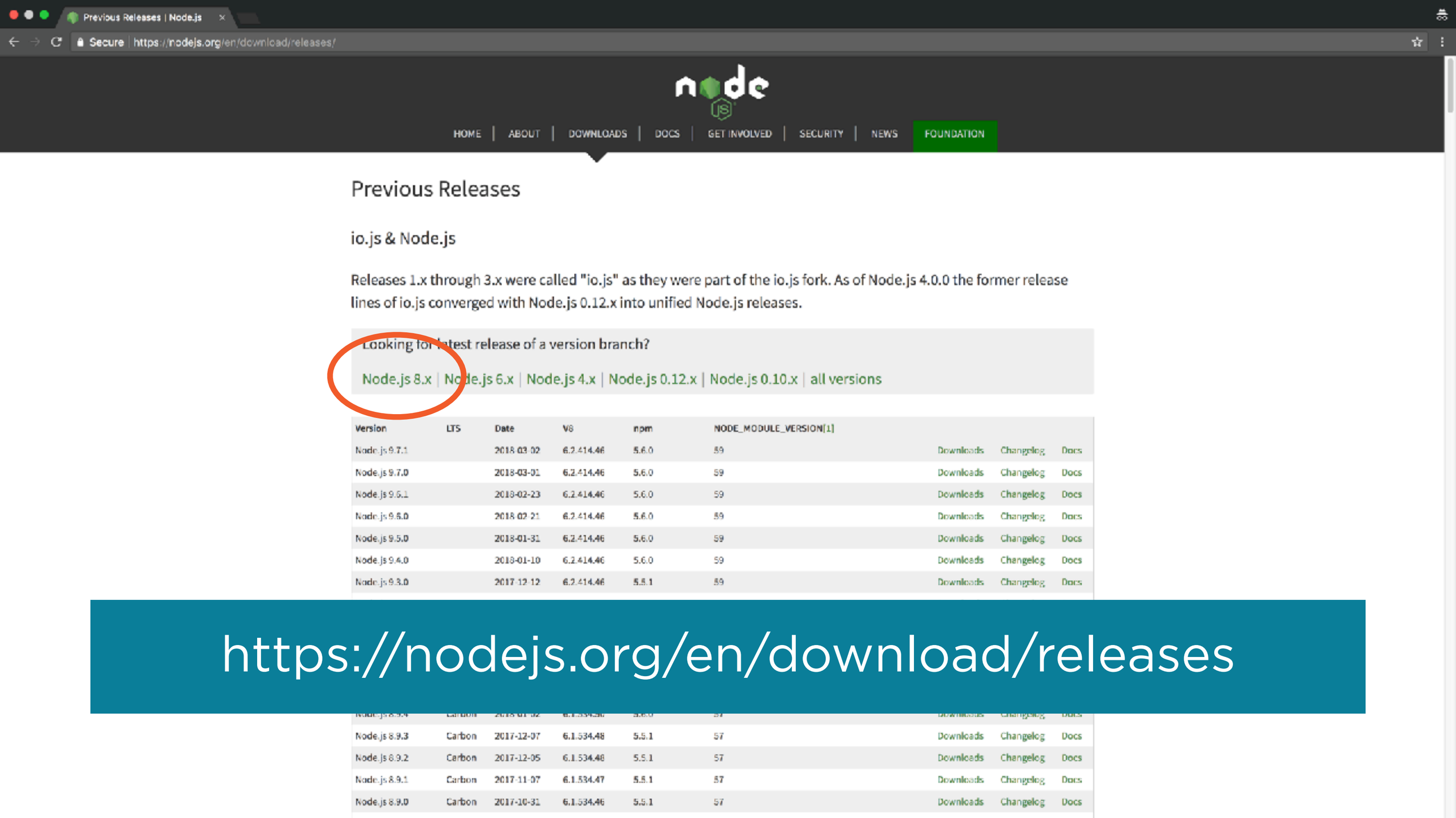

https://nodejs.org/en/download/releases

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Version 1.20 is now available! Read about the new features and fixes from January.

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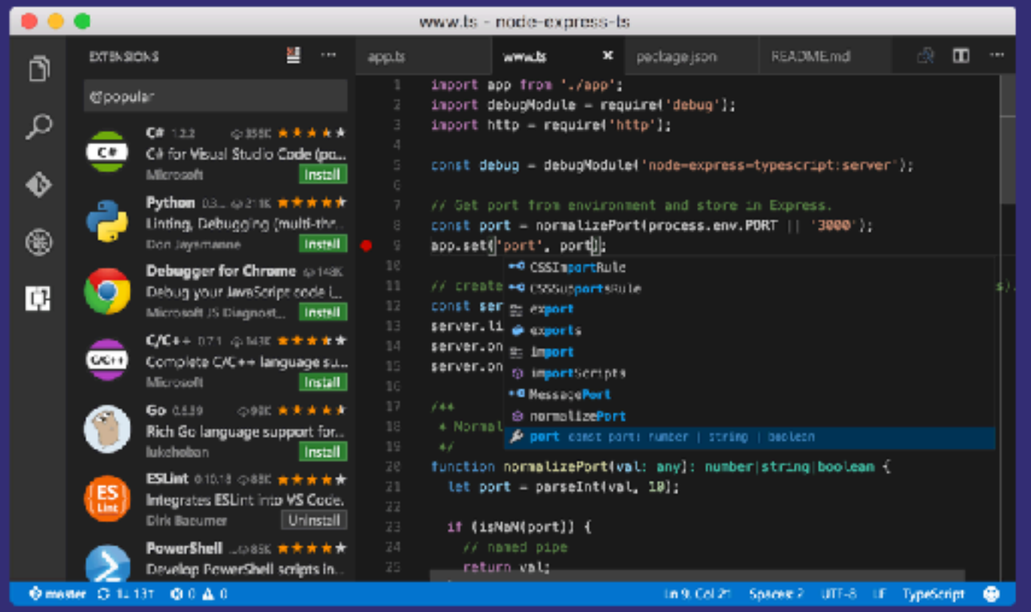
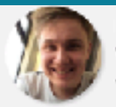


https://code.visualstudio.com/

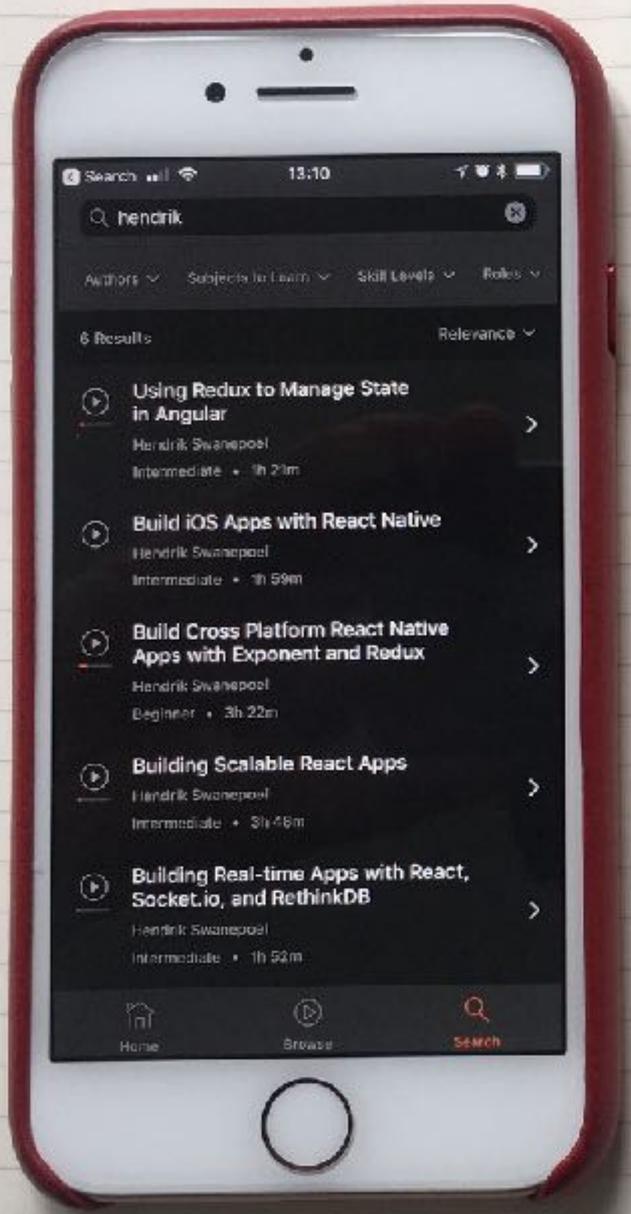
Darren Fuller @dazfuller
@code is already my goto editor of choice, now I think it might just be taking another step towards taking over my life

Valery Melou @ValeryMelou
Best editor I've ever used. Super hyper lightweight for what it's able to do. I love it. #HappyCoding via @code



Lukas @Mekbrother
What's going on with @code? The latest update is awesome! Think it will now become my primary tool for webdevelopment instead of WebStorm :)

https://github.com/hendrikswan/pluralsight-react-native-getting-started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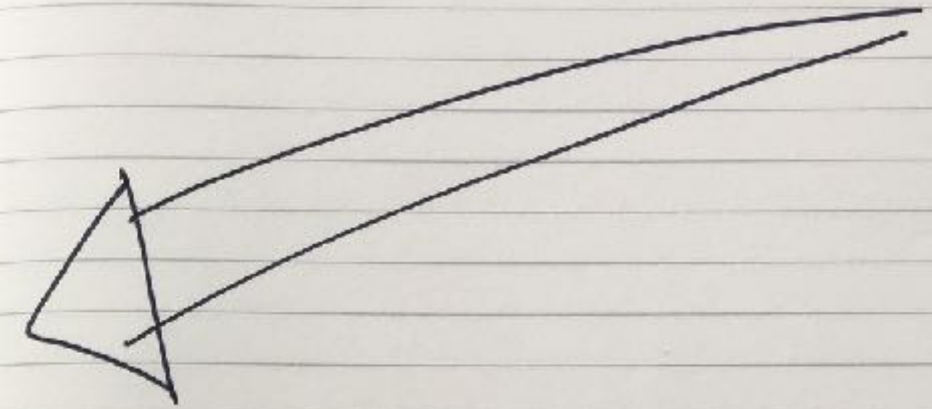
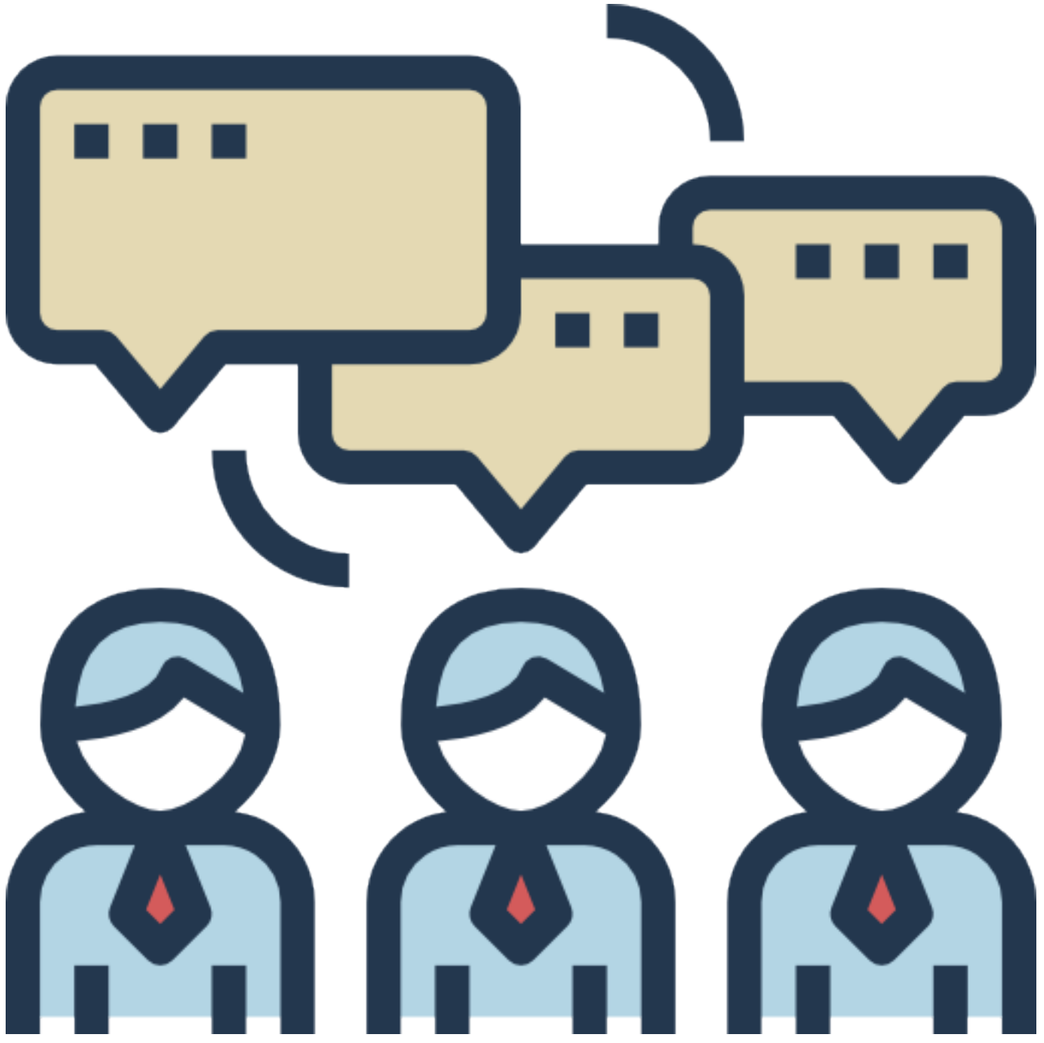


My iPhone



Summary

Actual native views

Out of the box development environment

Can be used in conjunction with native components

Bypass app stores with dynamic updates

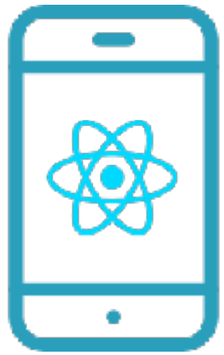
In the Next Module

Environment

Get ready to generate a React Native app

Text Editor

Setting up your editor to work with React Native



Get it Running

Get your React Native app running on your device