Next Level Cross-Platform

iOS, Android, web and beyond

Hey!

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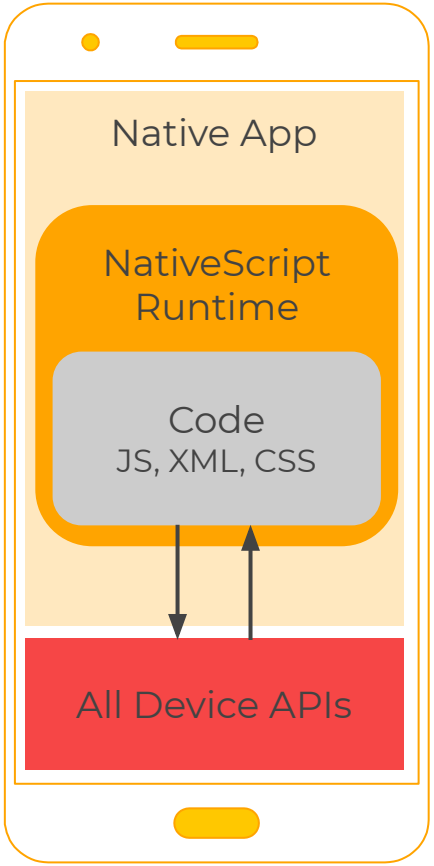
NativeScript

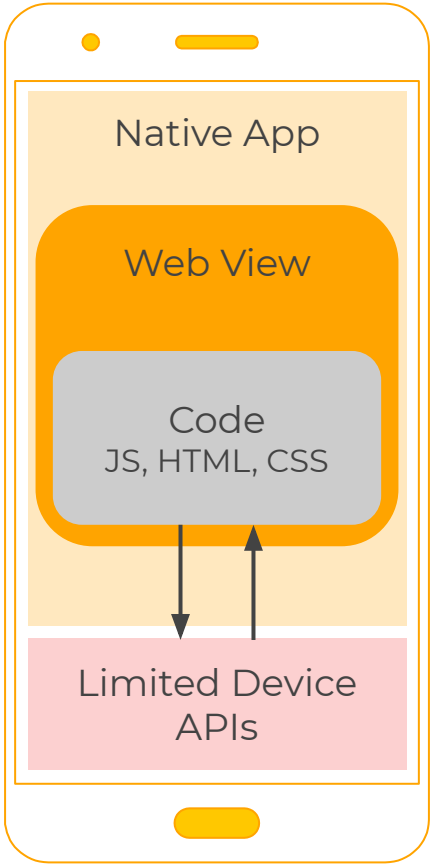
The Basics

Beautiful, accessible, platform-native UI - without WebViews. Define once and let NativeScript adapt to run everywhere.

NativeScript

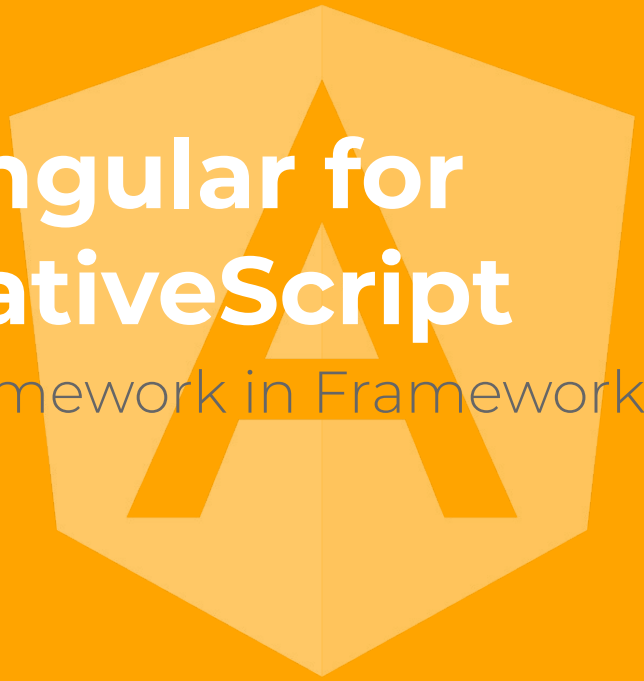


Hybrid Apps
(Cordova, PhoneGap)



Accessing Device APIs

	native	*NativeScript*
iOS	`let btn = UIButton();`	`var btn = new UIButton()`
Android	`Button btn = new Button(context());`	`var btn = new android.widget.Button(context())`
Module (Both)		`var btn = new Button()`

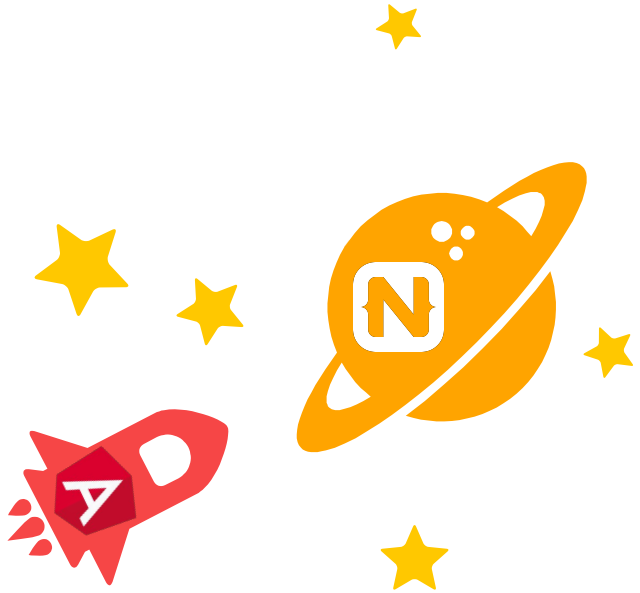


Angular for NativeScript

Framework in Framework

Angular Everywhere

“NativeScript doesn't require Angular, but it's even better when you use it.”



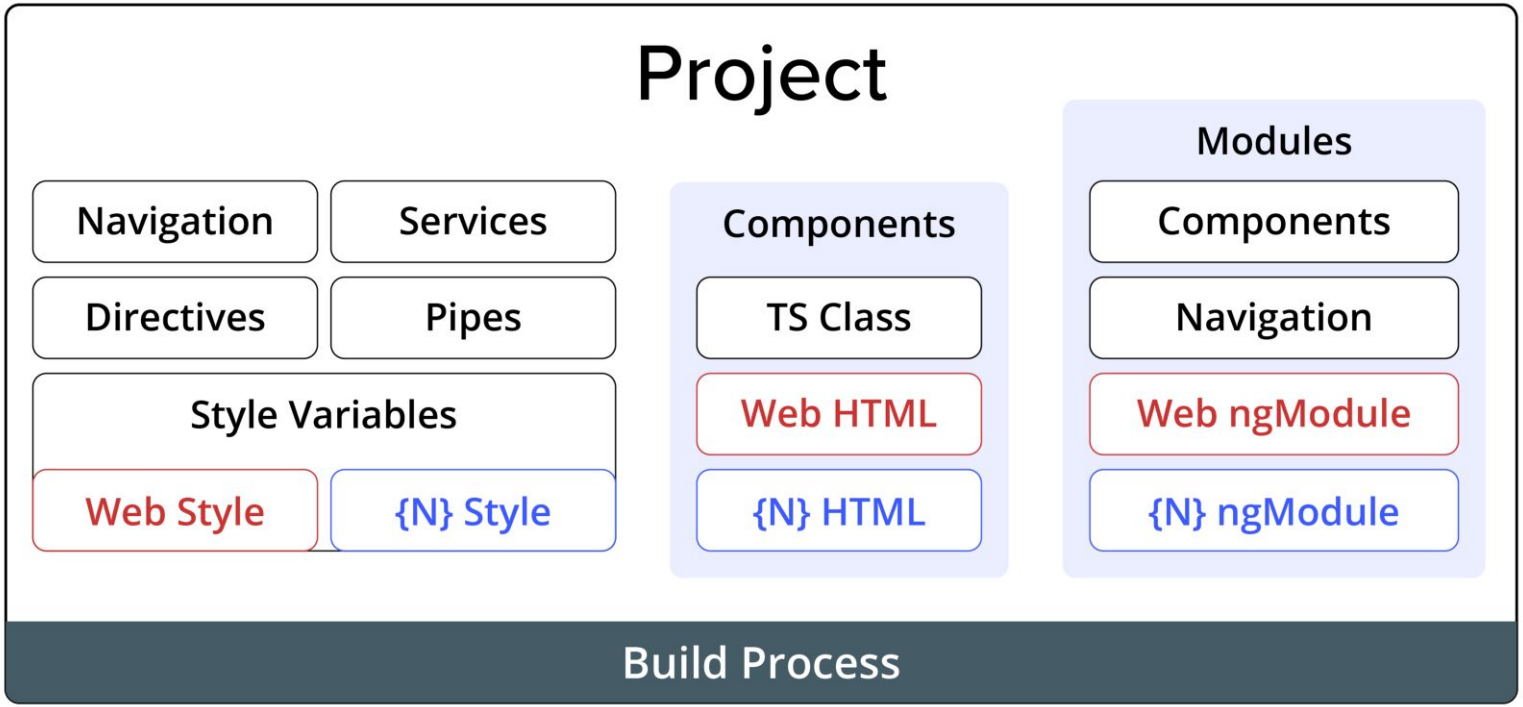
Hands-on?

NativeScript Playground

Code Sharing

Ship to mobile and web

todos
What's todo?
Prepare talk
Clean kitchen
Adopt pet cheetah
08:52
todo
What's todo?
ADD
Prepare talk
Clean kitchen
Adopt pet cheetah
Give Talk



Sebastian Witalec. Apps That Work Natively on the Web and Mobile. Angular Blog. https://blog.angular.io/apps-that-work-natively-on-the-web-and-mobile-9b26852495e7

Hands-on!

Considerations

- Platform-agnostic & modular architecture required
- How similar can/should it be?
- Increased project complexity

`ng add @nativescript/schematics` won't solve everything for you

Going beyond

Full-Stack *Angular*

- TypeScript, RxJS
- Modules, Pipes, Guards
- Dependency Injection
- Universal Integration

Share Even More Code

NestJS
Node.js Framework

Thanks!

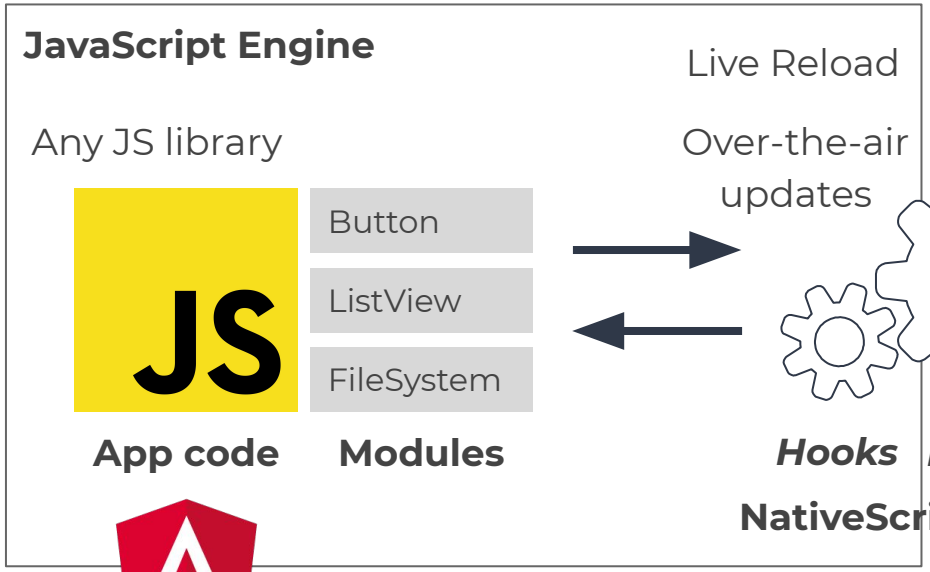
Questions?

@n_mehlhorn

Credits

- Quotes taken from nativescript.org
- Apps That Work Natively on the Web and Mobile
- Presentation template by SlidesCarnival

Appendix



TypeScript

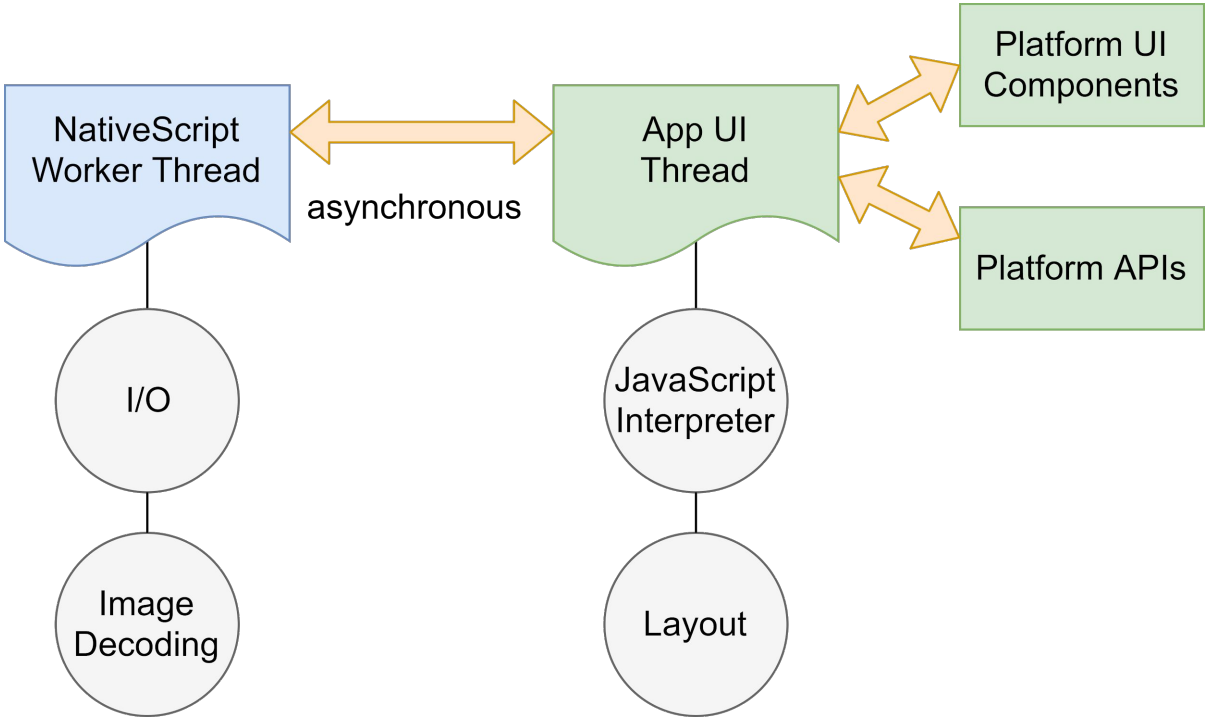
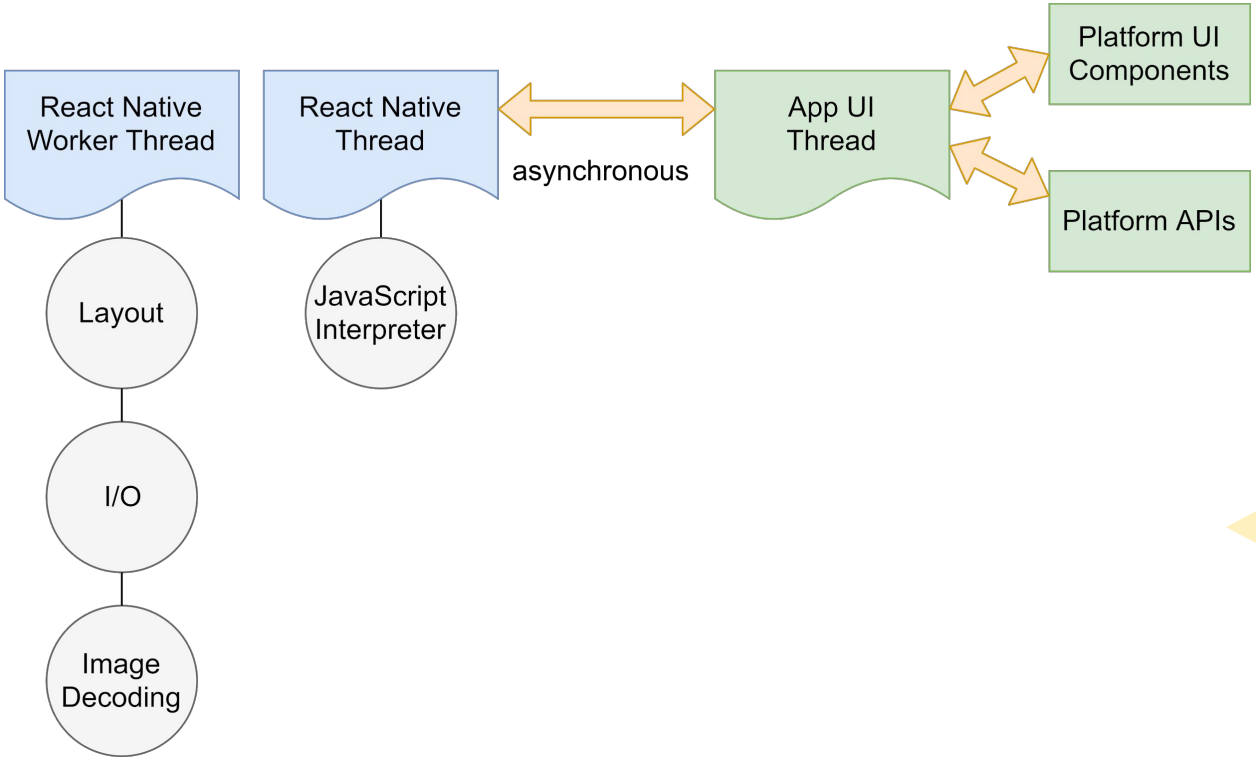
AOT

Routing

Components

Any native ..
.. interface
.. UI component
.. library

NativeScript Thread Model



React Native Thread Model