NativeScript & Angular 2

🔥 Building performant native mobile apps 🔥

Open https://nativescript.github.io/developer-day-workshop/

Progress®

NativeScript is…

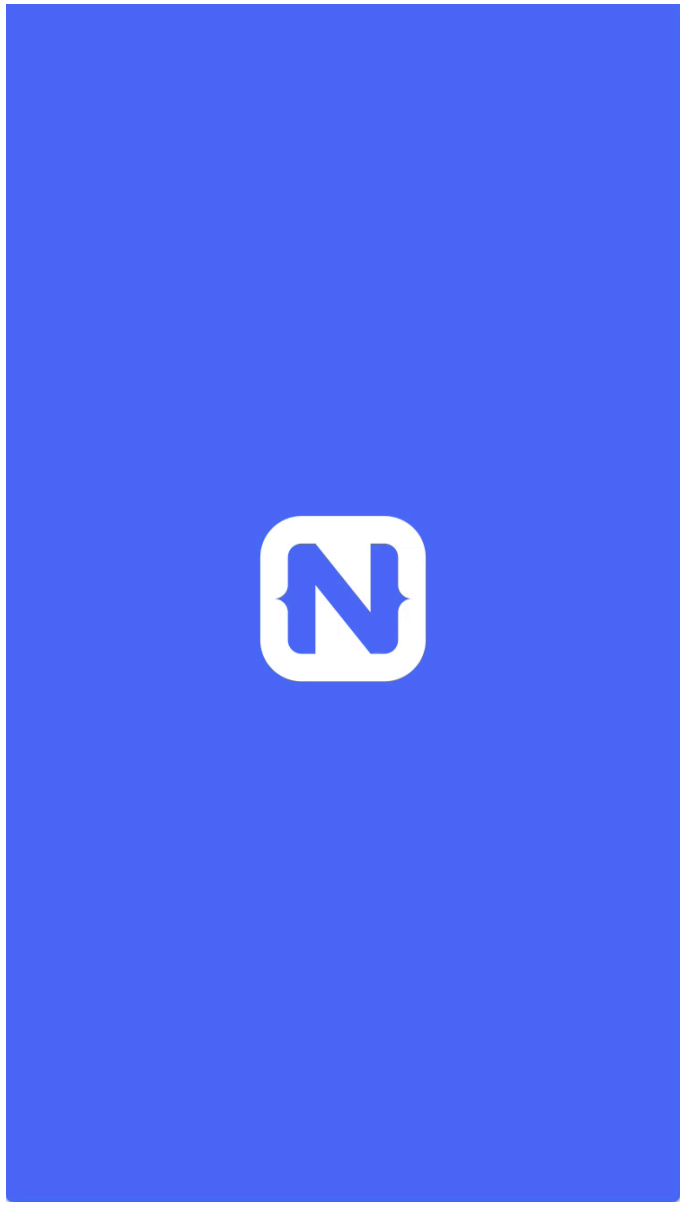
an open source framework for building truly native iOS and Android apps with JavaScript or TypeScript.

5 reasons you should care

1

Rich, animated, “no compromise” native UI 🏎

(with shared UI code)



Search for
“**Examples NativeScript**”
in the iOS App Store or Google Play to try this out for yourself.

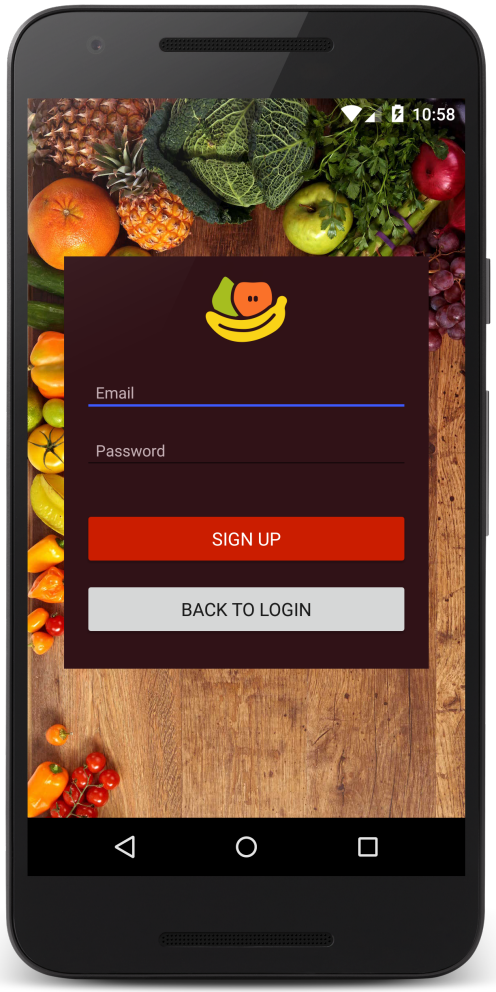
2

Maximum code and skill reusability

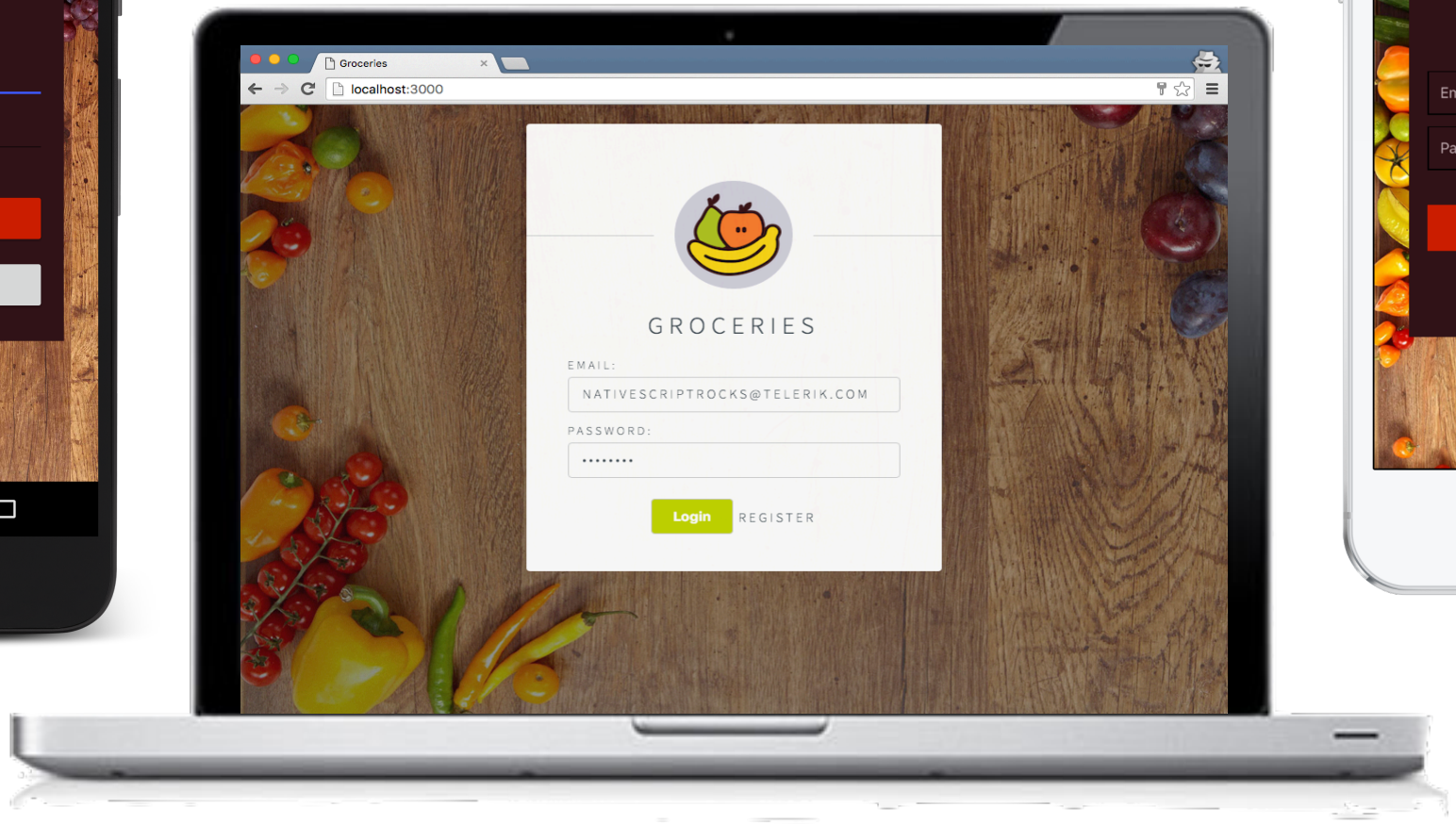
- JavaScript/TypeScript
- Angular
- CSS
- 3rd-party libraries
  - Npm
  - CocoaPods
  - Android Arsenal

3 First-class Angular and TypeScript support 👑

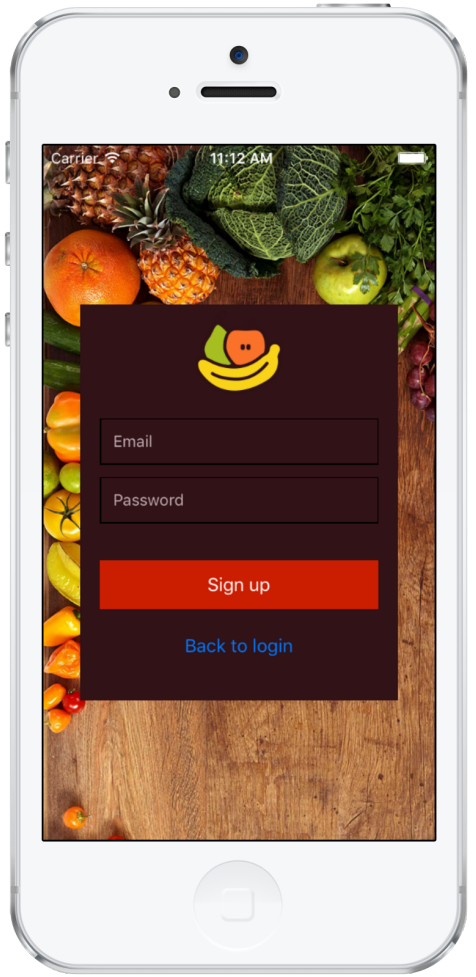
Android



Web



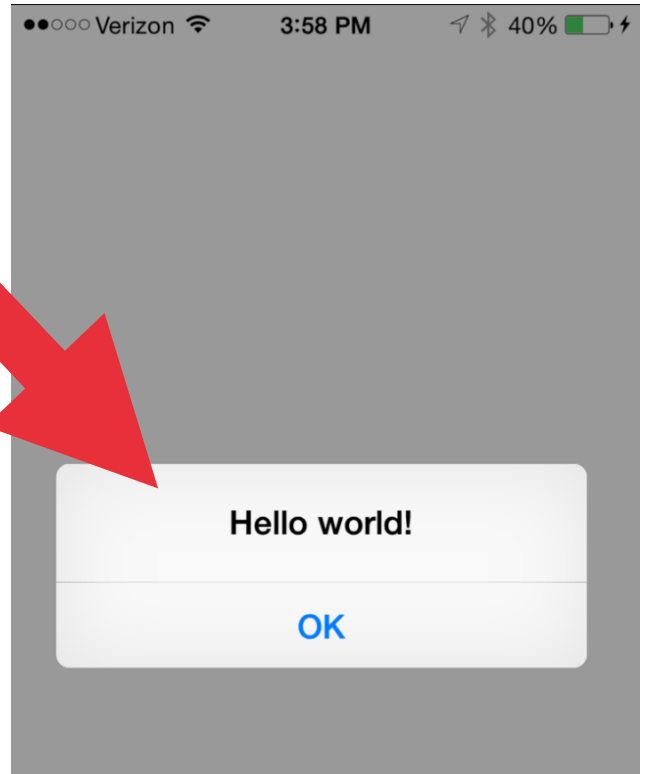
iOS



4

100% access to Android and iOS APIs 📷 ⏱ 🗺

```
var alert = new UIAlertView();
alert.message = "Hello world!";
alert.addButtonWithTitle( "OK" );
alert.show();
```



```
var time = new android.text.format.Time();
time.set( 1, 0, 2015 );
console.log( time.format( "%D" ) );
```

Runs on V8 JavaScript VM

```
var alert = new UIAlertView();
alert.message = "Hello world!";
alert.addButtonWithTitle( "OK" );
alert.show();
```

Runs on JavaScriptCore VM

More details at http://bit.ly/how-nativescript-works

Android and iOS APIs

Example: NativeScript file module

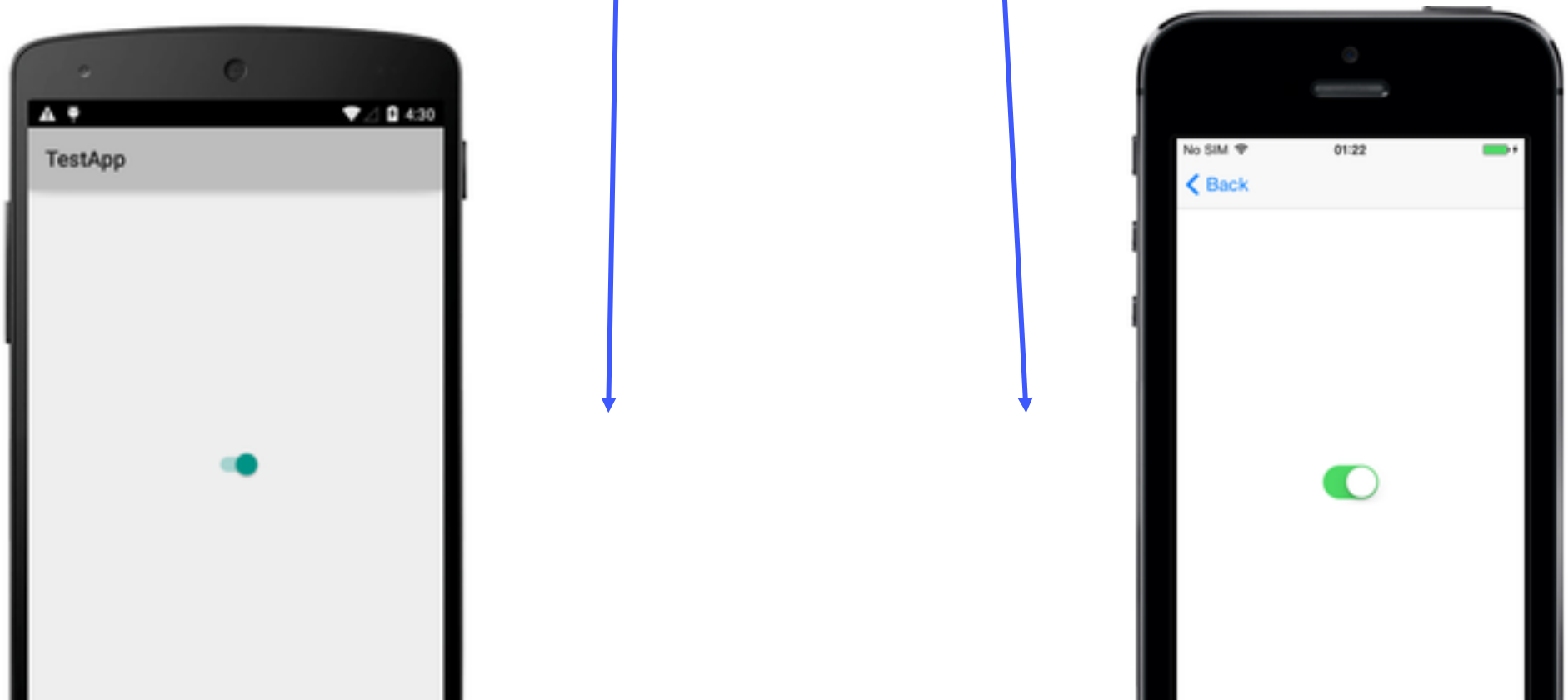
```
import { File } from "file-system";
new File();
```

```
new java.io.File( path );
```

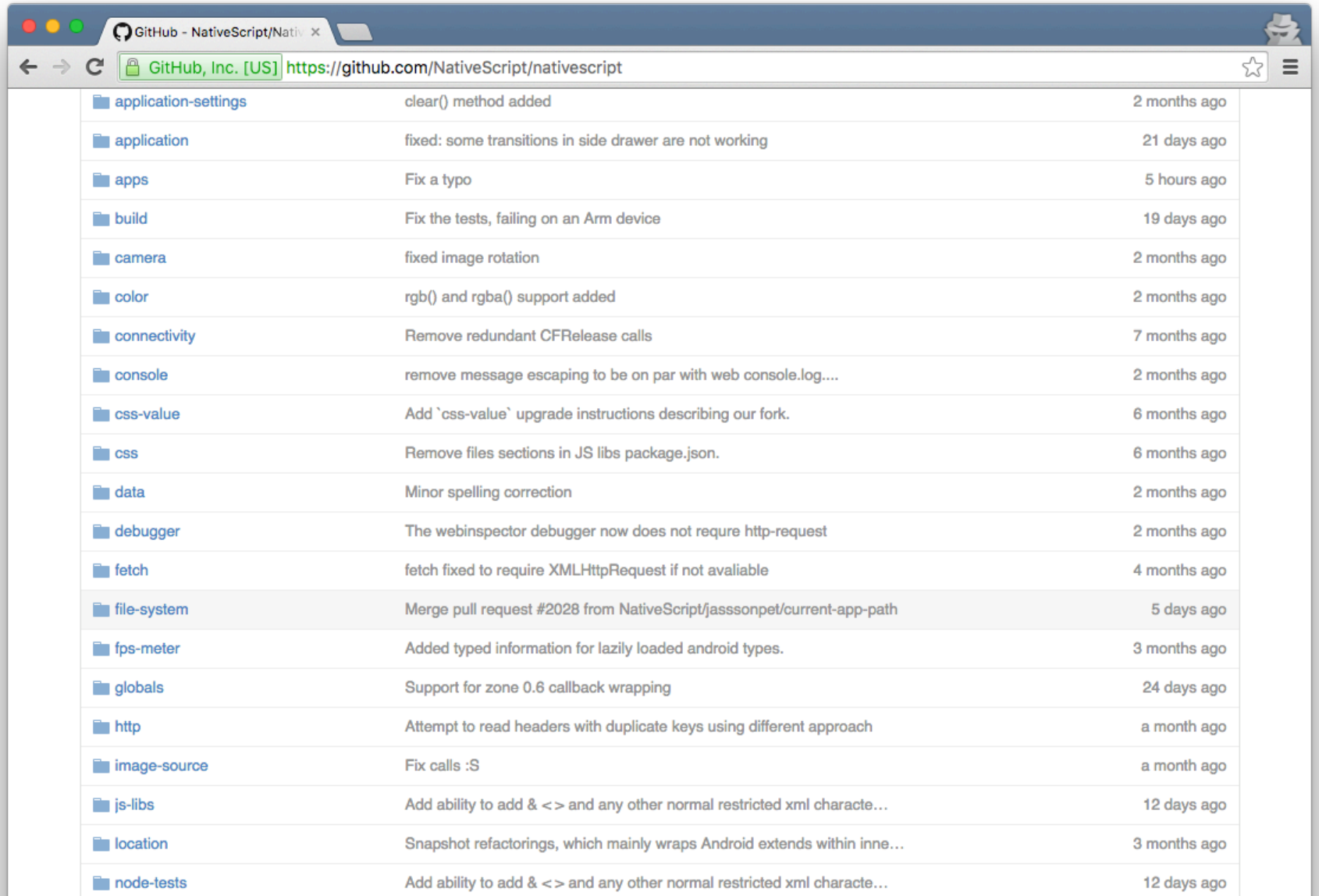
```
NSFileManager.defaultManager();
fileManager.createFileAtPathContentsAttributes(path);
```

The same approach works for the UI 🖌️

```
<Switch></Switch>
```



NativeScript Modules—There are a lot 🚚

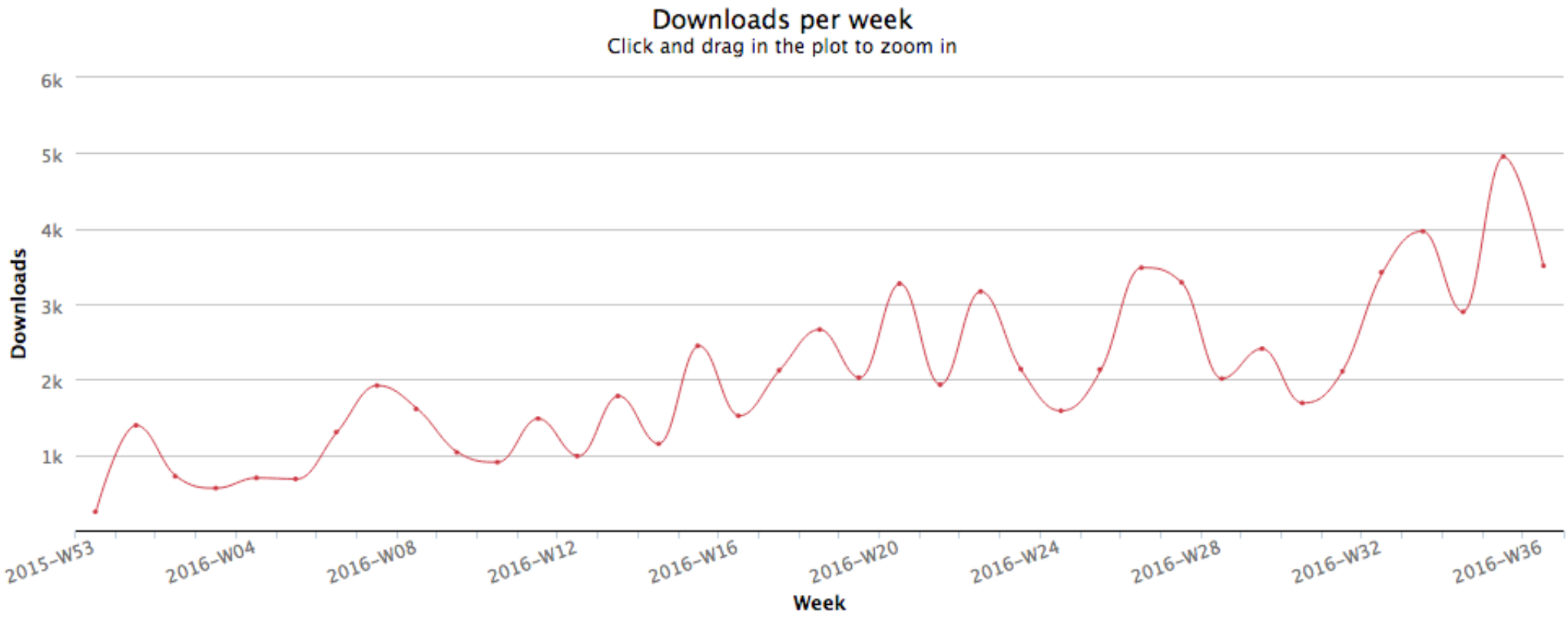


application-settings	clear() method added	2 months ago
application	fixed: some transitions in side drawer are not working	21 days ago
apps	Fix a typo	5 hours ago
build	Fix the tests, failing on an Arm device	19 days ago
camera	fixed image rotation	2 months ago
color	rgb() and rgba() support added	2 months ago
connectivity	Remove redundant CFRelease calls	7 months ago
console	remove message escaping to be on par with web console.log....	2 months ago
css-value	Add `css-value` upgrade instructions describing our fork.	6 months ago
css	Remove files sections in JS libs package.json.	6 months ago
data	Minor spelling correction	2 months ago
debugger	The webinspector debugger now does not requre http-request	2 months ago
fetch	fetch fixed to require XMLHttpRequest if not avaliable	4 months ago
file-system	Merge pull request #2028 from NativeScript/jasssonpet/current-app-path	5 days ago
fps-meter	Added typed information for lazily loaded android types.	3 months ago
globals	Support for zone 0.6 callback wrapping	24 days ago
http	Attempt to read headers with duplicate keys using different approach	a month ago
image-source	Fix calls :S	a month ago
js-libs	Add ability to add & < > and any other normal restricted xml characte…	12 days ago
location	Snapshot refactorings, which mainly wraps Android extends within inne…	3 months ago
node-tests	Add ability to add & < > and any other normal restricted xml characte…	12 days ago

5

Supported by a major software company vested in your success ⚽

NativeScript is Growing



Weekly npm downloads of the “nativescript” package in 2016.

Hands-on workshops!