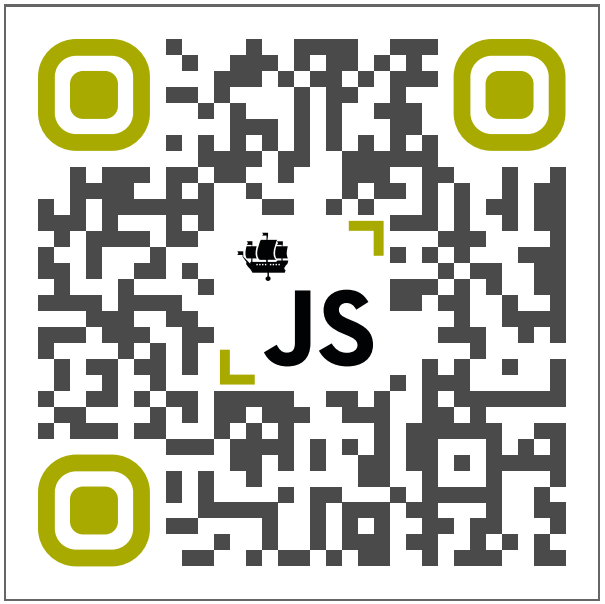
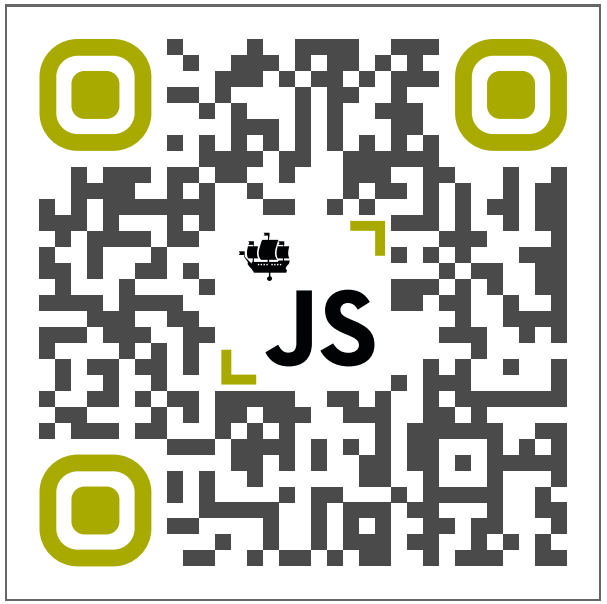
REACT + CORDOVA = 🤎

VLADIMIR ULIANOV



Presentation link - **https://react-plus-cordova.v-u.dev/**



Demo repo link - **https://gitlab.com/lionskape/react-capacitor**

BACKSTORY

THAT STORY BEGINS FROM MY TRAVEL TO THE CALIFORNIA...

PHOTOS

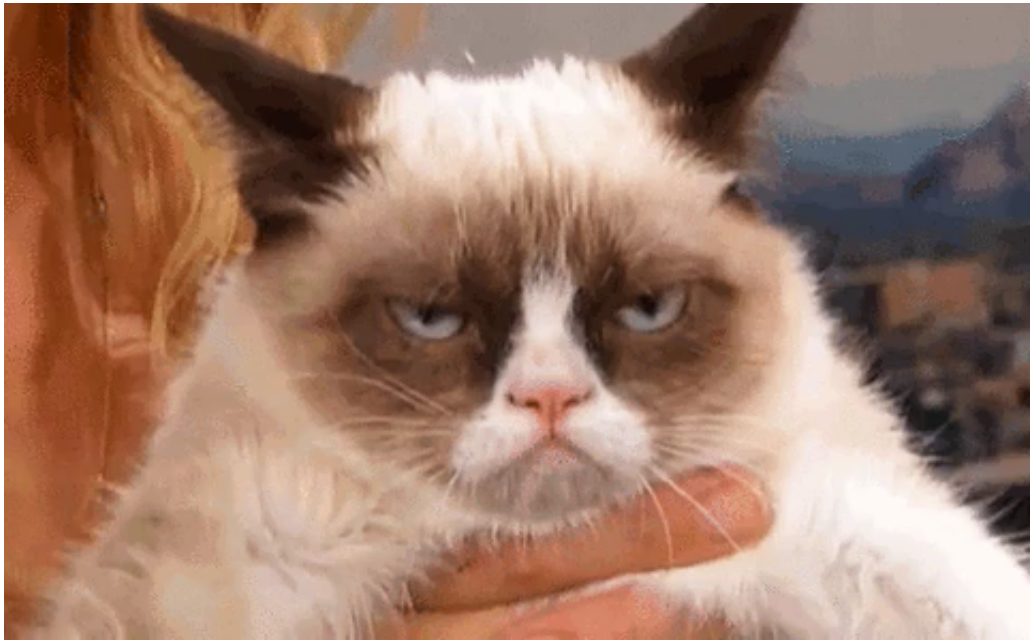
CAPACITOR.

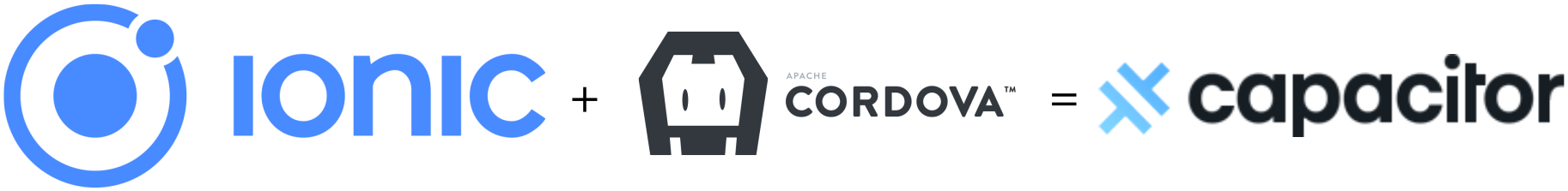
STOP, WHAT?

I came to see the cordova!

ACTUALLY, CAPACITOR IS ALMOST THE SAME

But today Cordova is outdated




ionic
+
APACHE
CORDOVA™
=
capacitor

VERSUS!

BENEFITS OF CAPACITOR

- Modern, CI/CD friendly
- More plugins
- Simpler creation cross-platform plugins
- Most of Cordova plugins is compatible with Capacitor
- More built-in api's

BENEFITS OF CORDOVA

- Priority of Apache Software Foundation
- Maturity
- Android 4.4

FLAWS OF REACT NATIVE

- Not designed for web
- Not stable
- Much longer development
- You will code on native stack 😈

FLAWS OF FLUTTER

- Dart
- Small community
- Much longer development

FLAWS OF PWA

- Low browser support
- Can't be served via "stores" by default
- Not every native API can be accessed

BONUS!

Capacitor have a lot of support to be bundled as PWA

DEVELOPMENT FLOW

- Create capacitor MVP - web + mobile
- Create awesome native application
- Replace capacitor application with native
- Remove capacitor dependency for web

I HAVE NATIVE APP!

- Is it legacy / outdated?
- Do you want to be much more cost effective?

DEMO

STEP 0

```
sudo gem install cocoapods
xcode-select --install
```

STEP 1

```
npm install --save @capacitor/core @capacitor/cli
npx cap init --web-dir=dist
npx cap add ios
```

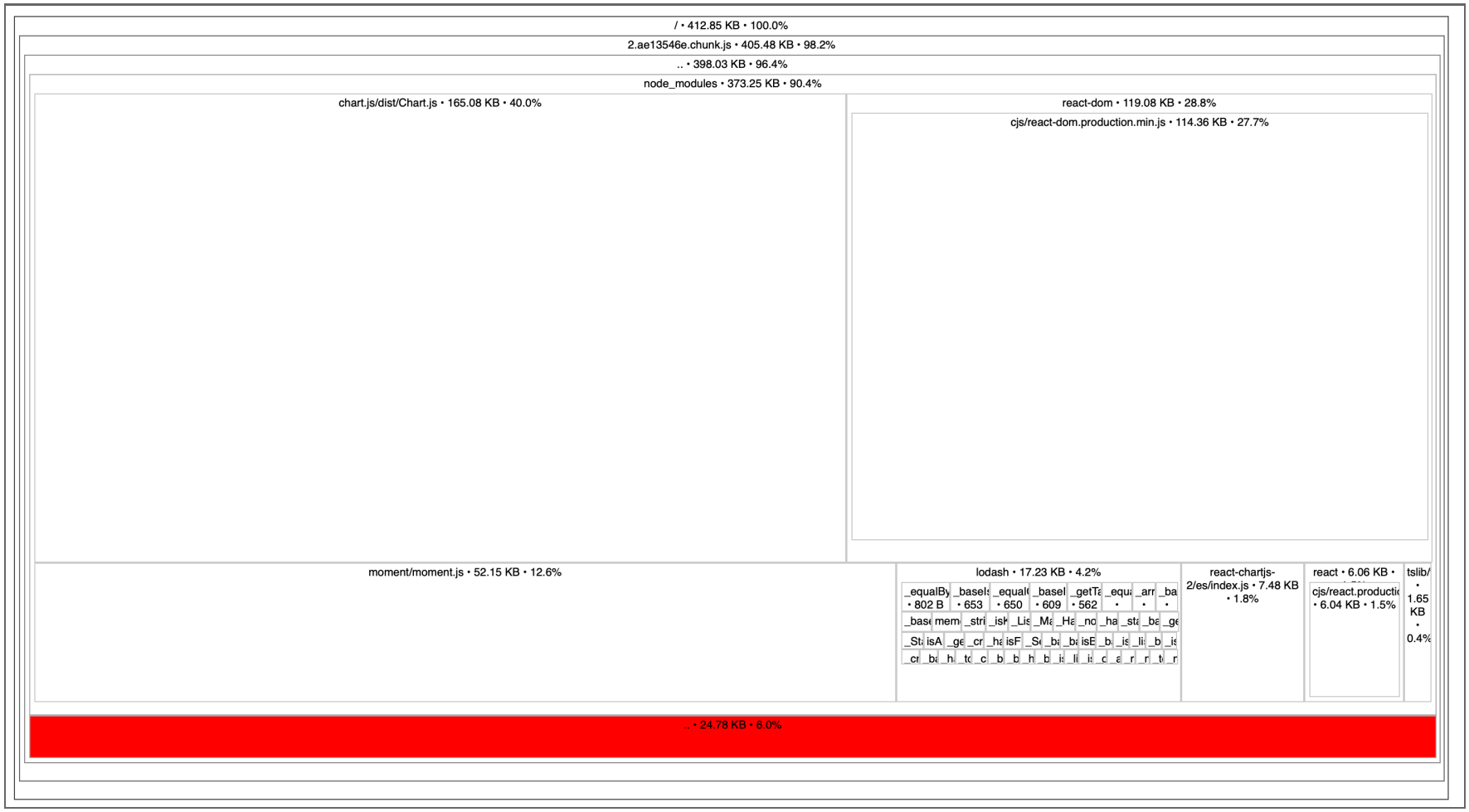
STEP 2

ENJOY

THANK YOU!

QA?!

IMPACT ON BUNDLE SIZE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2.ae13546e.chunk.js • 405.48 KB • 98.2%
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node_modules • 373.25 KB • 90.4%
chart.js/dist/Chart.js • 165.08 KB • 40.0%
react-dom • 119.08 KB • 28.8%
cjs/react-dom.production.min.js • 114.36 KB • 27.7%
moment/moment.js • 52.15 KB • 12.6%
lodash • 17.23 KB • 4.2%
react-chartjs-2/es/index.js • 7.48 KB • 1.8%
react • 6.06 KB •
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