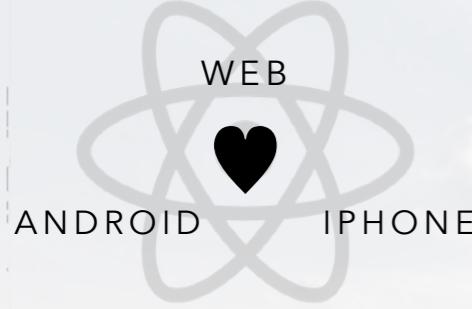




THOMAS TRÄNKLER | NACHO MARTIN | THOMAS KOLAR



React Natives ❤️ Munich + Cologne + Web

Munich just crossed 250 members,
today 5th meetup

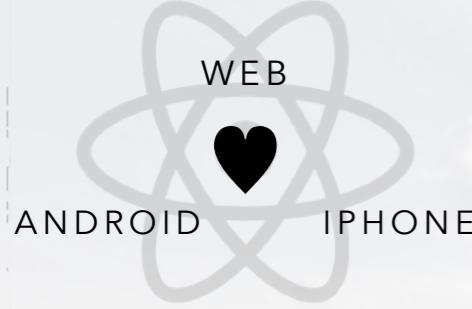
Cologne crossed 115 members,
just had its 2nd meetup

Welcome new sponsors & partners:

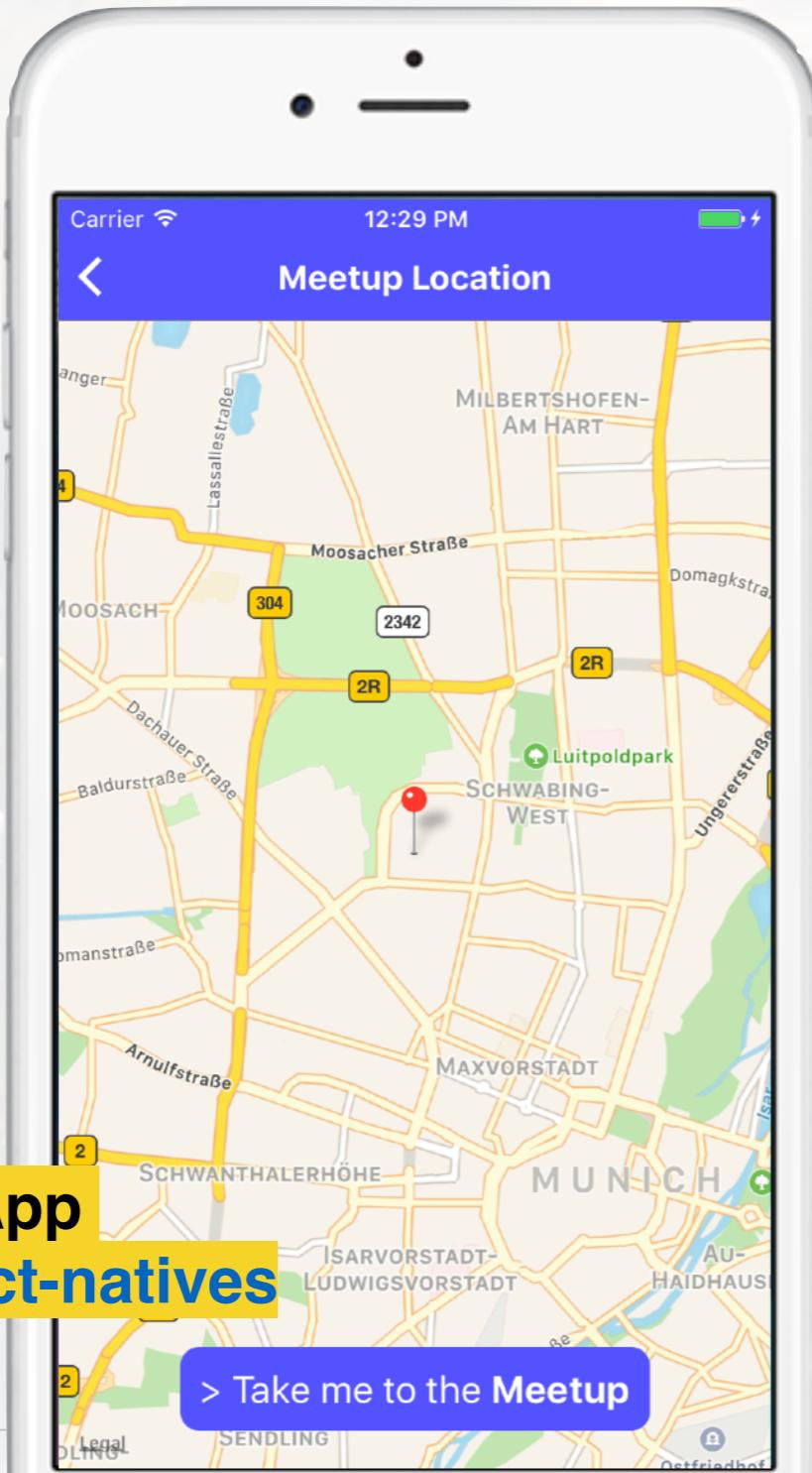
- ❤️ **SPACELAB**
ms-spacelab.com — our host tonight
tech accelerator of the Media Saturn
Group (Mediamarkt, Saturn)
- ❤️  **billiger-mietwagen.de**
SilverTours, a company of ProSieben
Sat1.SE sponsoring the Cologne group
and our partnership
- ❤️ Thomas **Kolar**
from SilverTours, our new local organizer
of React Native Cologne - we will **join**
forces on organizing engaging talks,
speakers + workshops.
- ❤️ **Nacho** Martin for his talk on Redux

Join us in building a strong community!

- ❤️ **We are open** to all things 
universal JS, React, App, Web (joint events
with e.g. the React web meetup groups for
common topics like Redux, GraphQL?)
- ❤️ **Join us on**  **slack** for all things React
Web, App, progressive JS, Redux, GraphQL,
Apollo, etc. - send your e-mail for invitation, >
50 members
Thomas Tränkler = @thomas
Thomas Kolar = @cevapsushi
- You  **React Native** but don't feel ready
for prime time? You're welcome to contribute a
short 5 minutes lightning talk on a basic or
advanced topic React or React Native topic,
your project, contribute with code or support to
the React Natives app project

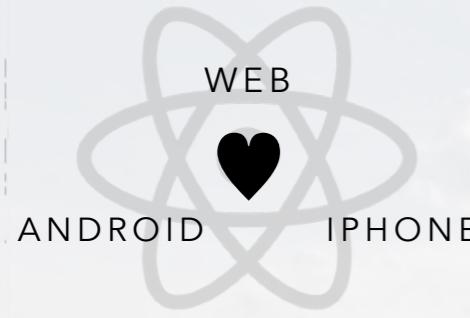


How native is React Native?



React Natives App
github.com/react-natives

```
1 import React, { Component, } from 'react'
2 import {
3   AppRegistry,
4   StyleSheet,
5   Text,
6   View,
7 } from 'react-native';
8
9 class App extends Component {
10   render() {
11     return (
12       <View style={styles.container}>
13         <Text style={styles.welcome}>
14           Welcome to React Native!
15         </Text>
16       </View>
17     );
18   }
19 }
20
21 const styles = StyleSheet.create({
22   container: {
23     flex: 1,
24     justifyContent: 'center',
25     alignItems: 'center',
26     backgroundColor: '#F5FCFF',
27   },
28   welcome: {
29     fontSize: 20,
30     textAlign: 'center',
31     margin: 10,
32   },
33 });
34
35 AppRegistry.registerComponent('App', () =>
```



React Native - React without HTML

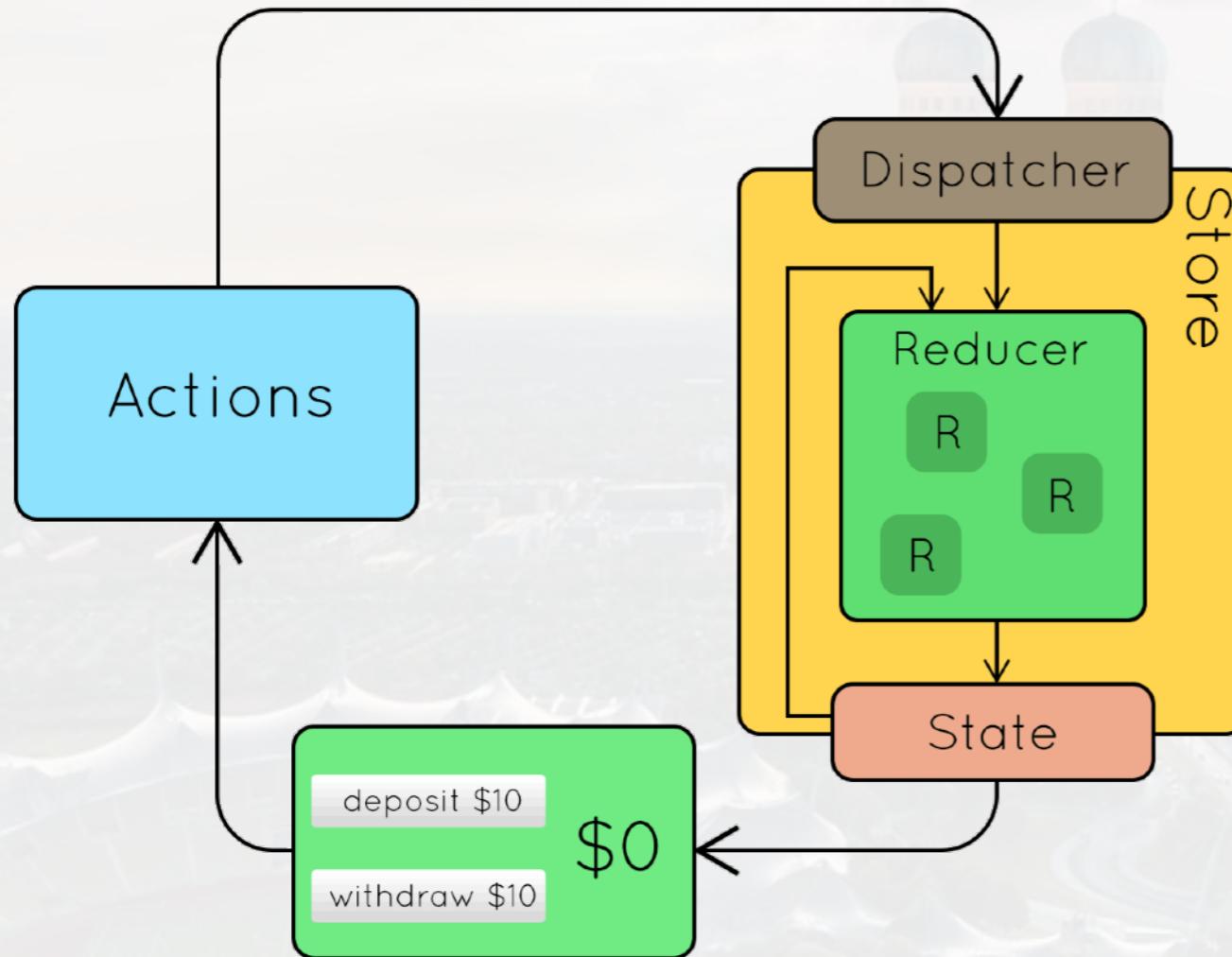
- React Native = **Javascript (ES6) + native components, no HTML**
- one app **runs on iOS + Android + Web** from a single Javascript codebase instead of three apps
- **built upon React** instead of HTML rendering **native iOS + Android components**
- WTF Javascript? DOM? — no **webview approach** like Cordova, **no HTML - Javascript is only the remote control**, and tells the native code what it wants to display
- **native look & feel** - embraces platform differences, **no framework lock-in**: can live side by side with native code

- **quick learning curve**
„learn once write everywhere“
~~write once run anywhere~~
- **quick development cycles** with instant feedback - hot reload replaces your code while the app is running, no need to recompile or restart
- **open source, version 0.40**, backed by Facebook
- **silently mixed into popular production apps**: Facebook, Instagram, SoundCloud, Spotify, AirBnB, Bayerischer Rundfunk, Wix;
- **IDE support** in Webstorm, Visual Studio Code, Atom - but needs Xcode or Android Studio (exception: Exponent)
- **hot code push** for JS with CodePush

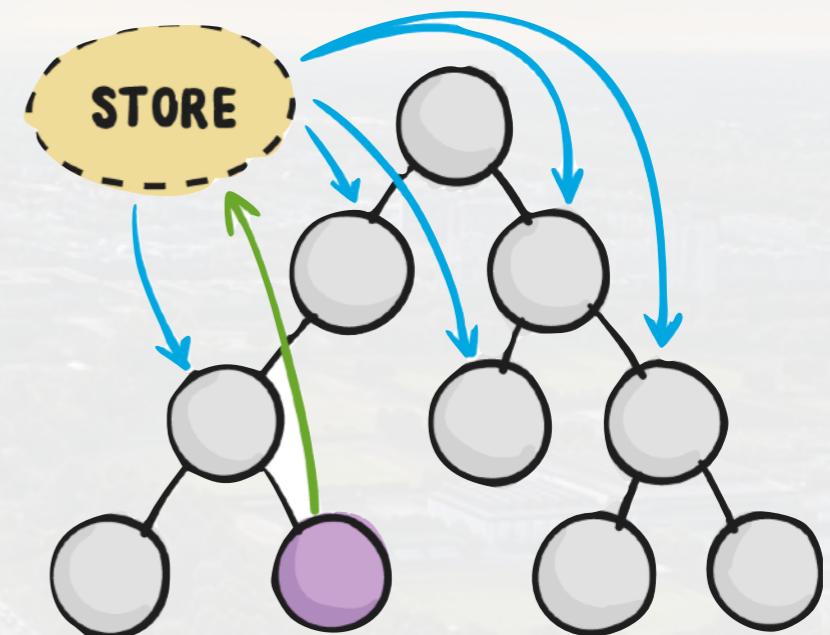


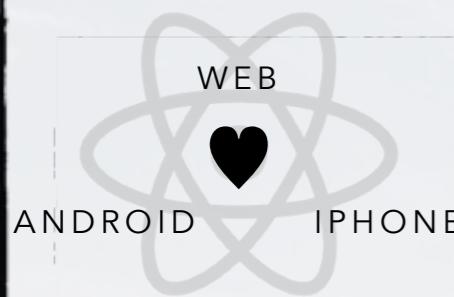
Redux in React Native

github.com/react-natives



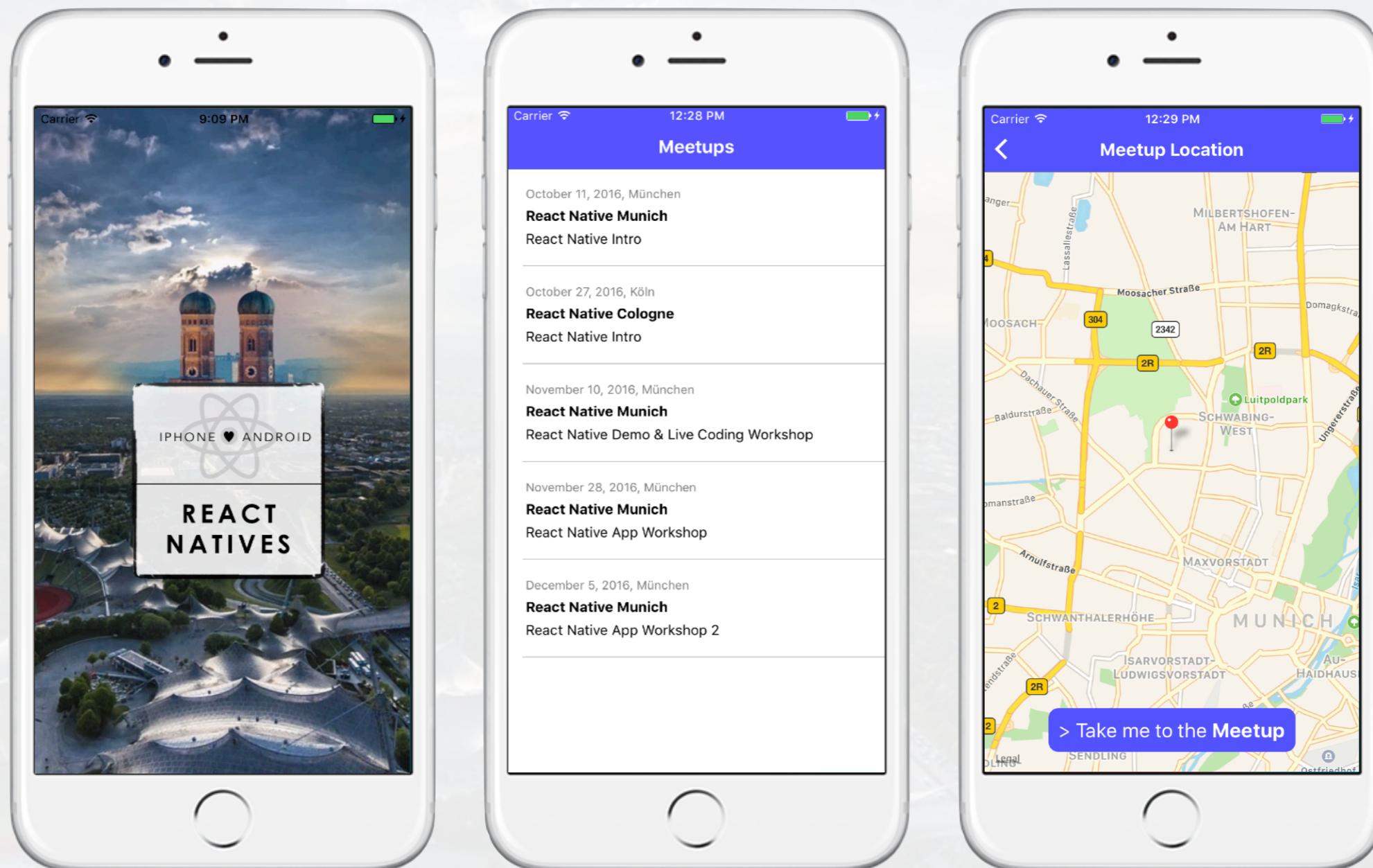
{ json:api }





Redux coding night

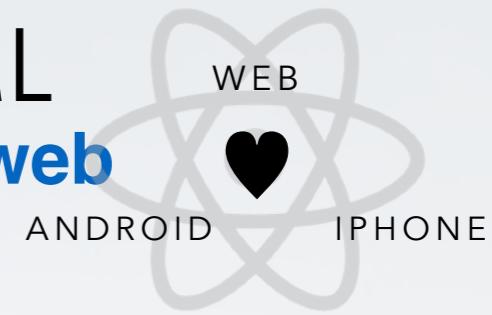
github.com/react-natives



Skill level: intermediate - adding Redux to the React Natives app
this is no course, you should know the basics of React, but beginners can spectate

React Native Web: Rendering to HTML

github.com/necolas/react-native-web



There are many different teams at **Twitter** building **web** applications **with React**. We want to share React components, libraries, and APIs between teams...much like the OSS community tries to do. At our scale, this involves dealing with multiple, inter-related problems including: a **common way to handle style, animation, touch, viewport adaptation**, accessibility, themes, RTL layout, and server-rendering.

This is **hard** to do **with React DOM**, as the components are essentially the same **low-level building blocks** that the **browser** provides.

However, **React Native avoids**, solves, or can solve almost all these **problems facing Web teams**. Central to this is React Native's JavaScript style API (not strictly "CSS-in-JS") which avoids the key problems with CSS by giving up some of the complexity of CSS.



React Native Web coding night

github.com/necolas/react-native-web

The image shows a side-by-side comparison of a mobile phone and a web browser displaying the same list of events. On the left, a white iPhone displays a React Native application with a blue header bar and a white body containing a list of events. On the right, a Mac OS X desktop browser window displays the same list of events, indicating that the React Native code is being rendered in a web browser.

Date	Location	Event Name	Description
October 11, 2016	München	React Native Munich	React Native Intro
October 27, 2016	Köln	React Native Cologne	React Native Intro
November 10, 2016	München	React Native Munich	React Native Demo & Live Coding Workshop
November 28, 2016	München	React Native Munich	React Native App Workshop
December 5, 2016	München	React Native Munich	React Native App Workshop 2

ListView on iOS rendered without HTML

ListView rendered in Chrome with HTML

Skill level: intermediate building an app and a website with the same code,
this is no course, you should know the basics of React, but beginners can spectate

Introducing the React VR Pre-Release

Oculus Developer Blog | Posted by Mike Armstrong and Andrew

Imm | 13. Dezember 2016 | Share

kadjar.littleworkshop.fr



React VR library

React is an open source library used by many developers today to power major websites and mobile apps. React VR by Oculus will allow any web developer to quickly and easily create compelling VR content. **Pre-release now available.**

"Carmel" VR Browser

We're delivering the best way to discover, enjoy, and share WebVR content without ever taking off your headset. The "Carmel" VR Browser is optimized for performance, designed for navigation & input in VR, and tightly integrated with Oculus Home. **Developer preview now available.**

React VR coding night

```
import React from 'react';
import {AppRegistry, Pano, Text, View} from

class WelcomeToVR extends React.Component {
  render() {
    // Displays "hello" text on top of a loaded pano
    // Text is 0.8 meters in size and is centered
    return (
      <View>
        <Pano source={asset('chess-world.jpg')}
          <Text
            style={{
              fontSize: 0.8,
              layoutOrigin: [0.5, 0.5],
              transform: [{translate: [0, 0, -3]}],
            }>
            hello
          </Text>
        </View>
    );
  }
}
```



developer.oculus.com/webvr

Skill level: intermediate this coding night will target React developers, this is no course, you should know the basics of React, but beginners can spectate



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