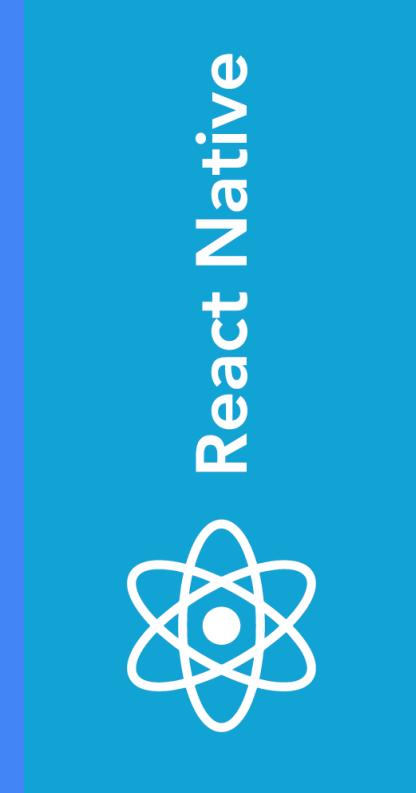
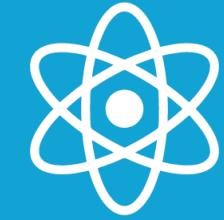


De Native a Multiplataforma



React Native



Email: juanjo@juanjofp.com

Twitter: [@juanjofp](https://twitter.com/juanjofp)

Github: [JuanjoFP](https://github.com/JuanjoFP)



¿Por qué me planteo este viaje?

99,9999% de mis proyectos por duplicado (Android e iOS)

Por lo que...

- 2 x Tiempo de desarrollo
- 2 x Corrección de errores
- 2 x Actualizaciones / Nuevas funcionalidades

Encontrar programadores Android e iOS

Las tiendas...

- Cuotas y comisiones (30% of the revenues)
- Visibilidad
- Restricciones

¿Por qué MULTIPLATAFORMA?

99,999% de mis proyectos por duplicado (Android e iOS)

Por lo que...

- 2x Tiempo de desarrollo
- 2x Corrección de errores
- 2x Actualizaciones + Nuevas funcionalidades

Encontrar programadores Android e iOS

- Un sólo lenguaje
- Una única plataforma

Las tiendas...

- Cuotas y comisiones
 - Visibilidad
 - Restricciones
- ?
- Progressive
Web
Application**

¿Por qué React-Native?

React Native <https://facebook.github.io/react-native/>

Open Source

Lenguaje JS y CSS

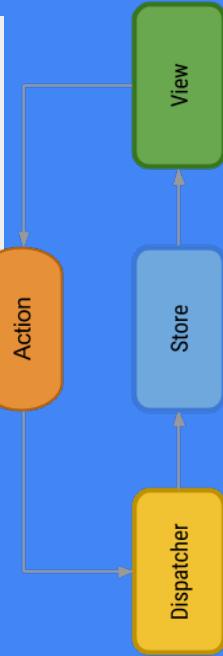
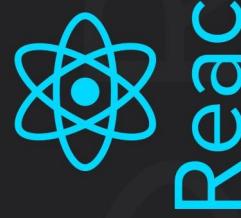
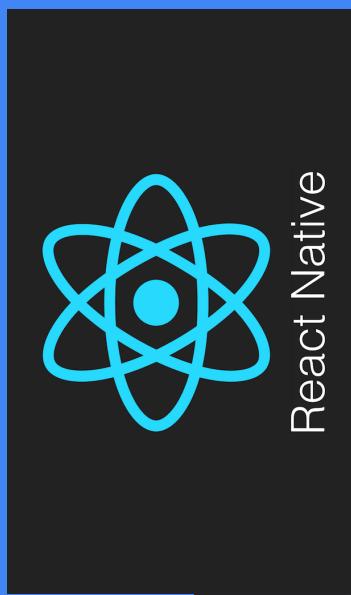
Comunidad

Nativa* (UX)

Plugins

JSX vs HTML

NPM*



Concepto de React (Props, State, vDOM y Repintado)

Novedades no tan nuevas (Declarativo, Funcional, Flux)

Comunidad React

Documentación y herramientas

Proyectos emergentes:

React-Native-Web

React-VR

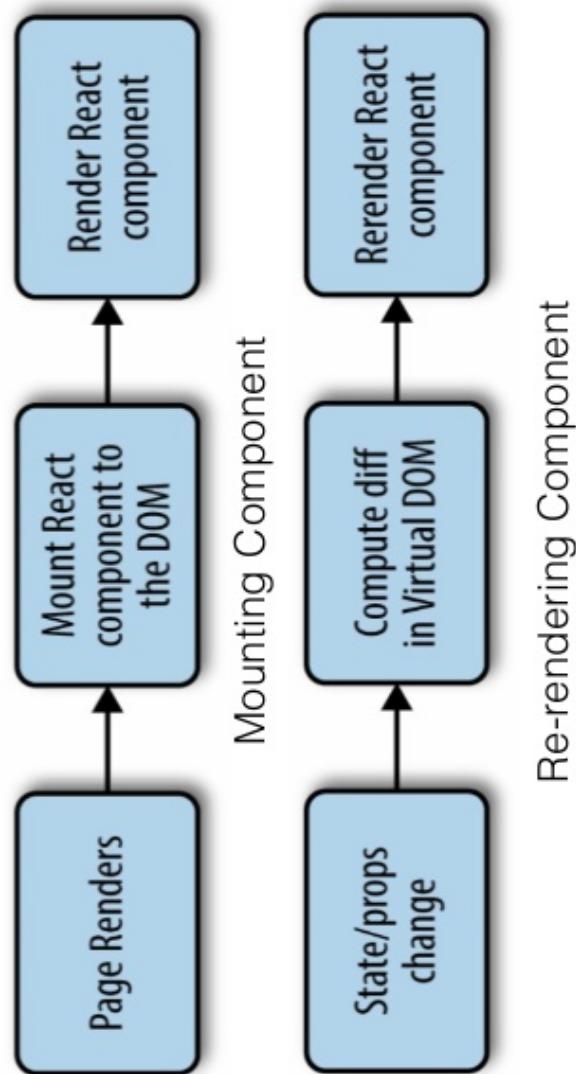
React-Hardware

¿Cómo funciona React-Native?

Como REACTJS

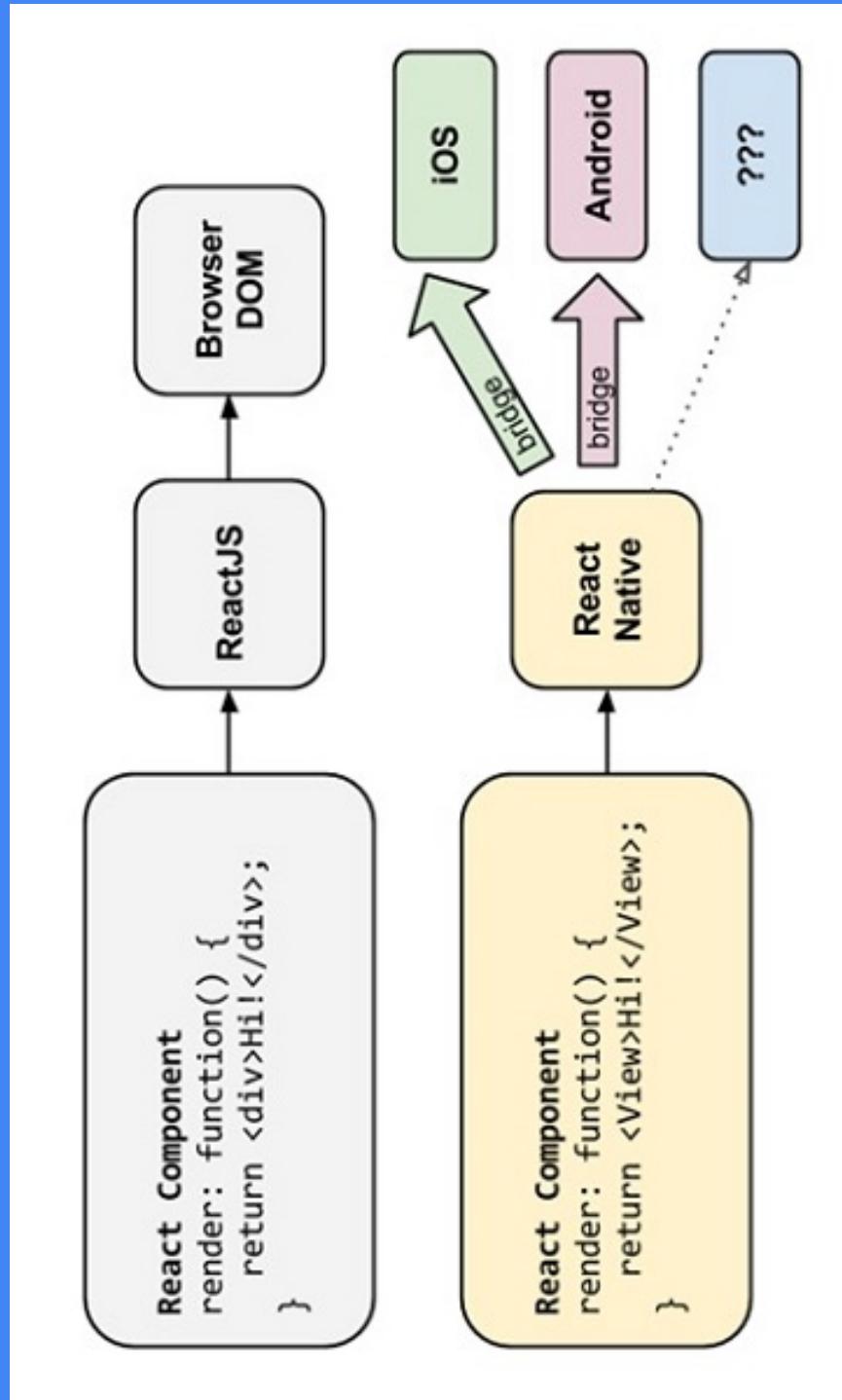
Thinking in React:
<https://reactjs.org/docs/thinking-in-react.html>

Rendering Lifecycle



¿Cómo funciona React-Native?

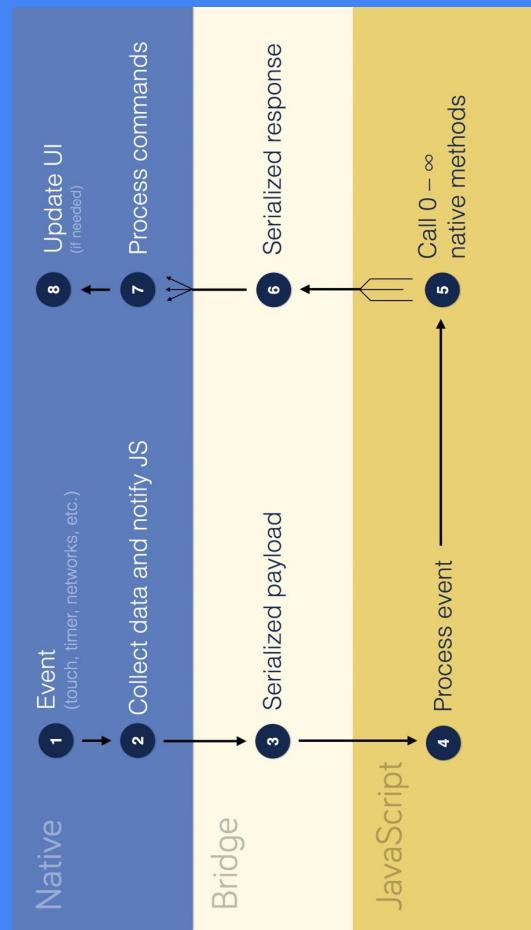
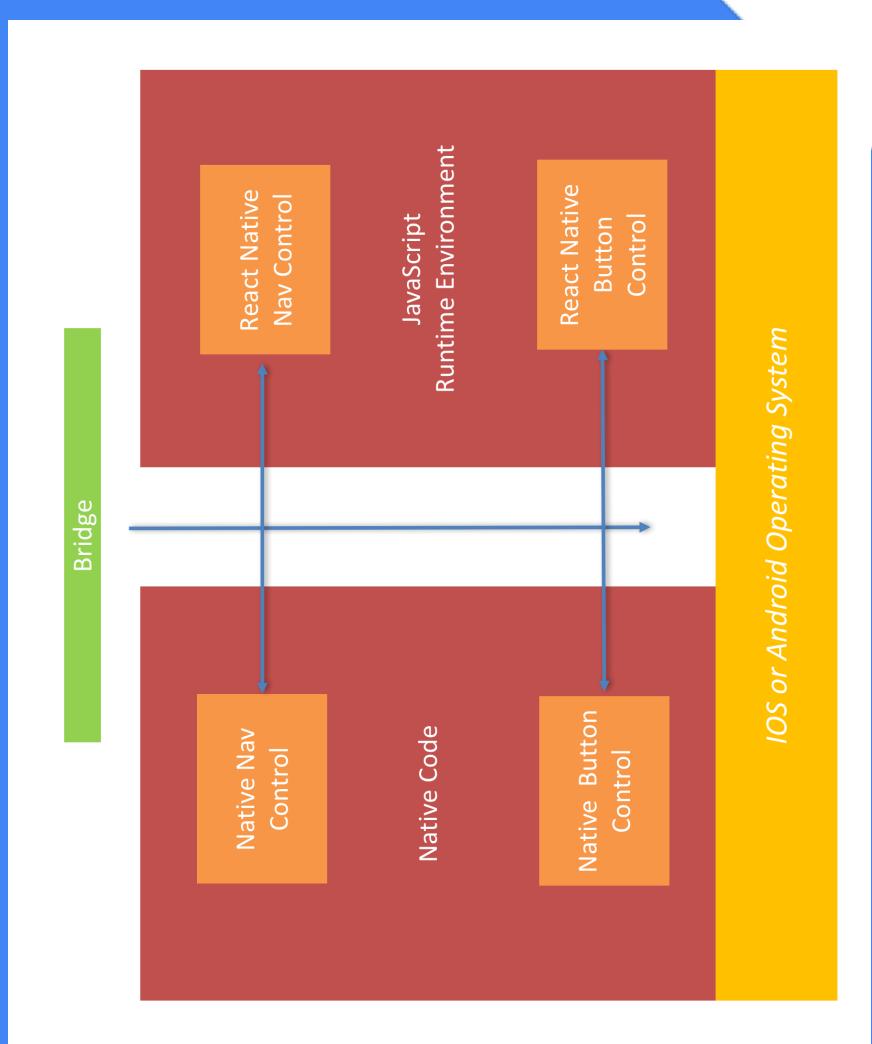
Pero sin NAVEGADOR



¿Cómo funciona React-Native?

Con un “conector” (BRIDGE) que pasa mensajes de forma:

- Asíncrona
- Serializable
- Por lotes



¿Cómo funciona React-Native?

- [React Native Architecture Overview—Tadeu Zagallo](#)
- [Under The Hood of React Native—Martin Konicek](#)
- [A Deep Dive into React Native—Christopher Chedeau](#)

¿Cómo empiezo?

Configurar entorno con EXPO.

[Create React Native App](#) is the easiest way to start building a new React Native application. It allows you to start a project without installing or configuring any tools to build native code - no Xcode or Android Studio installation required (see [Caveats](#)).

Assuming that you have [Node](#) installed, you can use npm to install the `create-react-native-app` command line utility:

```
npm install -g create-react-native-app
```

Then run the following commands to create a new React Native project called "AwesomeProject":

```
create-react-native-app AwesomeProject
cd AwesomeProject
npm start
```

¿Cómo empiezo?

Configurar entorno con EXPO.

01

Download NodeJS

Get started with node to use everything in the JS ecosystem, including Expo and React Native.

↓ [Download Node.js](#)

02

Install Expo Client on your device

Expo Client is a host app which runs your projects in development before you publish to the app store.

↓ [Download](#)

03

Get the command line tool

You will run this tool locally to package, serve, and publish your projects.

```
npm install expo --global
```



04

Create your first project

You will be asked to create an Expo account before proceeding.

```
exp init my-new-project  
cd my-new-project  
exp start
```

05

Preview your project

Open Expo Client on your device. Use it to scan the QR code printed by `exp start`. You may have to wait a minute while your project bundles and loads for the first time.

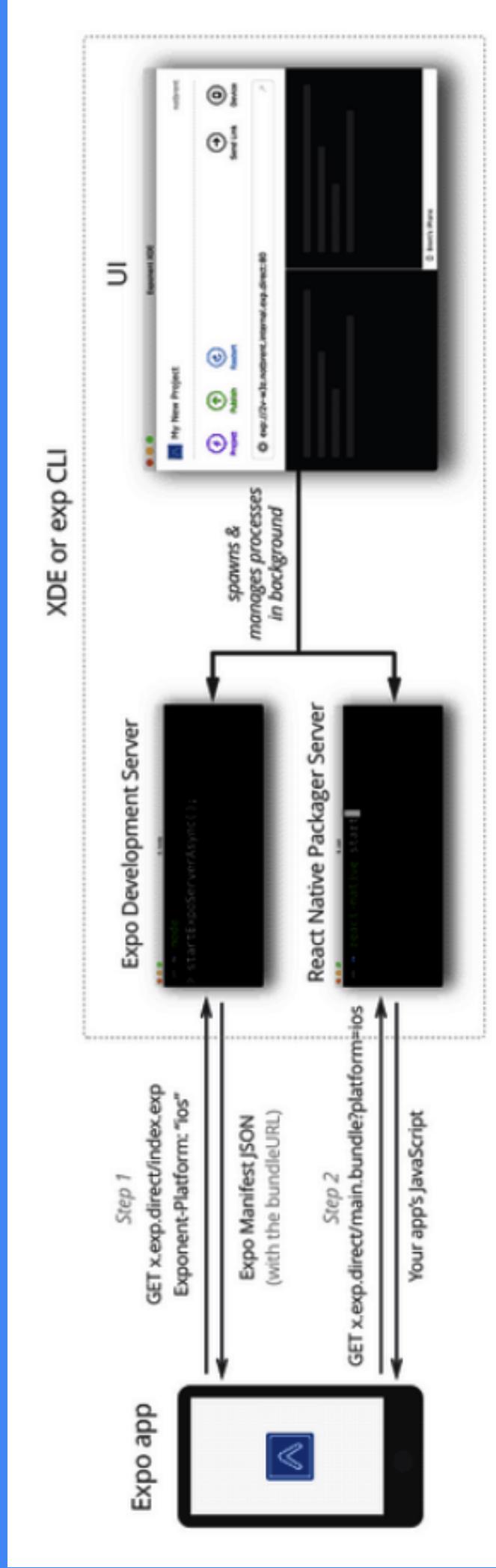
06

Start coding!

Select your favorite editor, like Atom, VSCode, Sublime Text, Vim, or Emacs, open `your-project/App.js`, and start building! We recommend following the [Up and Running](#) tutorial.

¿Cómo empiezo?

Configurar entorno con EXPO.



¿Cómo empiezo?

EJECT!!

If you see the reason you'd like to eject, click the link for a short explanation of the options:

- I want to include a library which uses [react-native Link](#)
- I want to write my own native code for my app
- I want to build my app to publish to the App Store or Play Store

¿Cómo empiezo?

Configurar entorno nativo.

Instalar JAVA, SDK android, XCode, watchman...

The React Native CLI

Node comes with npm, which lets you install the React Native command line interface.

Run the following command in a Terminal:

```
npm install -g react-native-cli
```

If you get an error like Cannot find module 'npmlog', try installing npm directly: curl -0
-L https://npmjs.org/install.sh | sudo sh.

¿Cómo empiezo?

Crear el proyecto.

Creating a new application

Use the React Native command line interface to generate a new React Native project called "AwesomeProject":

```
| react-native init AwesomeProject
```

¿Cómo empiezo?

Ejecutar...

Running your React Native application

Run `react-native run-android` inside your React Native project folder:

```
cd AwesomeProject  
react-native run-android
```

Running your React Native application

Run `react-native run-ios` inside your React Native project folder:

```
cd AwesomeProject  
react-native run-ios
```

¿Cómo empiezo?

Programar...

```
1 OPEN EDITORS
2 JS App.js
3 MEETUP
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22 export default class App extends Component<{}> {
23   render() {
24     return (
25       <View style={styles.container}>
26         <Text style={styles.welcome}>
27           Welcome to React Native!
28         </Text>
29         <Text style={styles.instructions}>
30           To get started, edit App.js
31         </Text>
32         <Text style={styles.instructions}>
33           Instructions
34         </Text>
35         <View>
36           );
37       }
38     );
39   }
40   const styles = StyleSheet.create({
41     container: {
42       flex: 1,
```

¿Cómo empiezo?

Programar...

```
App.js
```

```
22 export default class App extends Component<{}> {
23   render() {
24     return (
25       <View style={styles.container}>
26         <Text style={styles.welcome}>
27           Welcome to React Native!
28         </Text>
29         <Text style={styles.instructions}>
30           To get started, edit App.js
31         </Text>
32         <Text style={styles.instructions}>
33           Find instructions
34         </Text>
35       </View>
36     );
37   }
38 }
```

Welcome to React Native!

To get started, edit App.js

Double tap R on your keyboard to reload,
Shake or press menu button for dev
menu

```
Running Metro Bundler on port 8081.
Keep Metro running while developing on any JS projects. Feel free to
close this tab and run your own Metro instance if you prefer.
https://github.com/facebook/react-native
```

```
Scanning folders for symlinks in /Users/juanjo/Projects/ReactNative/meetup/node_
modules (11ms)
```

```
Looking for JS files in
/Users/juanjo/Projects/ReactNative/meetup
```

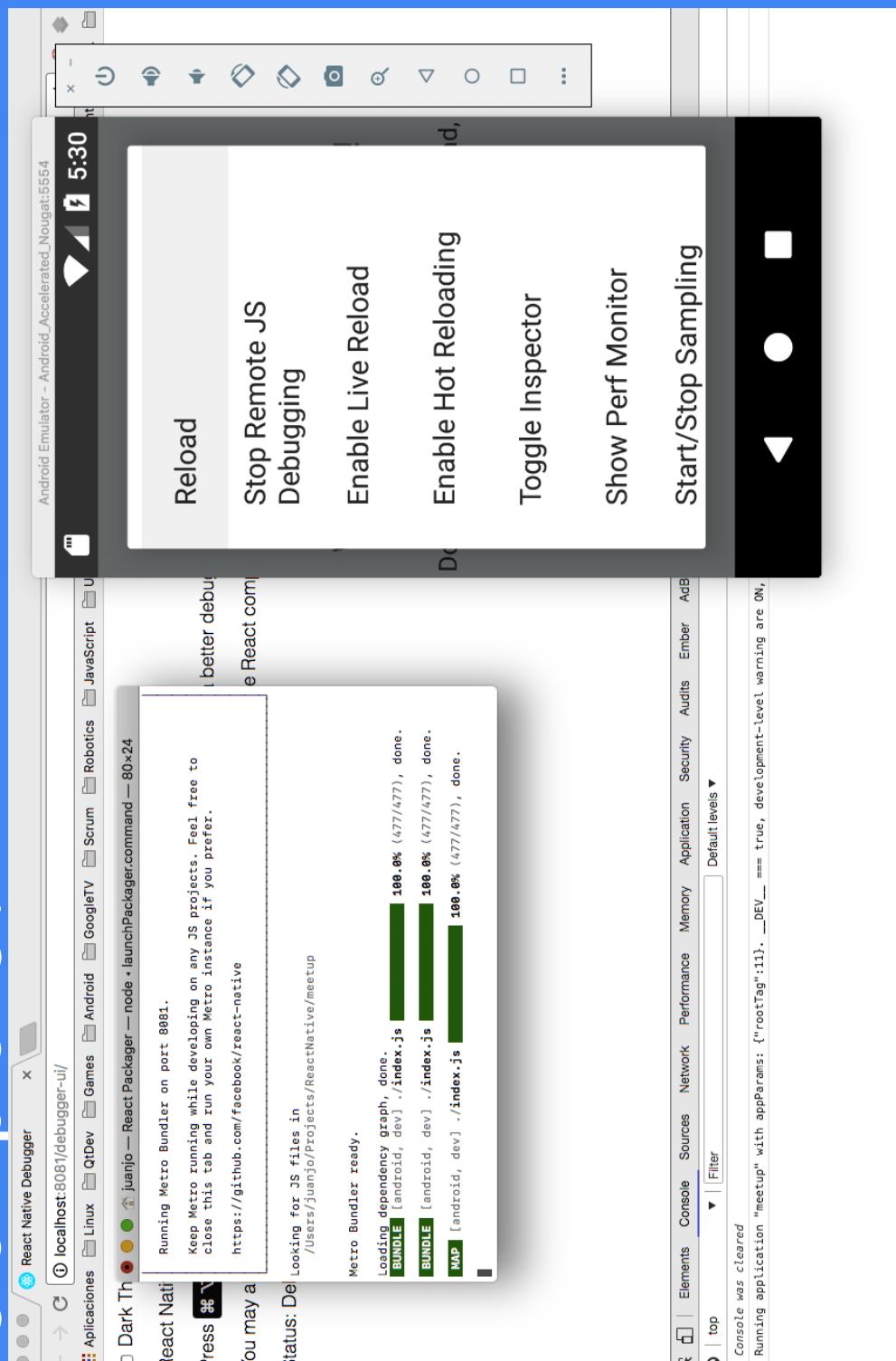
```
Metro Bundler ready.
```

```
Loading dependency graph, done.
BUNDLE [ android, dev ] ./index.js 100.0% (477/477), done.
```

```
52   instructions: {
53     ... textAlign: 'center',
54     ... color: '#333333',
55     ... marginBottom: 5,
56   },
```

¿Cómo empiezo?

Depurar...



¿Cómo empiezo?

Documentación Oficial RN: <https://facebook.github.io/react-native/docs>

Documentación EXPO: <https://expo.io/learn>

React Conf Expo: <https://youtu.be/rUi2rkxKBbl>

¿Qué sueño hacer?

Diseñar pantallas. (Listados y Detalles)

The screenshot shows a mobile application interface with a dark theme. At the top, there's a navigation bar with icons for back, forward, and search. Below it is a header bar with a magnifying glass icon and the word "Search".

The main area displays a list of notifications:

- WhatsApp**: "Board game night? Fun" by Keri Anderson. Response: "Great, thanks!"
- CALLS**: "Andy Brown" by Regis Miller. Response: "Mania, I'm trying to schedule a board game night this week, when would you be..."
- CHATS**: "Peter Johnson" by Peter Johnson. Response: "What do you think about Sunday? My car seats five so I could pick up Decker at..."
- Promotions**: "Check out the new Board game night Sunday night!" by Keri Anderson.
- Updates**: "Google Play" by Regis, Peter, and Aruna Knight.

On the right side, there's a detailed view of a message from "Keri Anderson" about a board game night. It includes a photo of a group of people at a table, a timestamp of "Sep 29 11:50", and a reply from "e Whitman" at "11:50 AM": "Yeah, I think I know what's on your mind?"

The screenshot shows a mobile application interface with a dark theme. At the top, there's a navigation bar with icons for back, forward, and search. Below it is a header bar with a magnifying glass icon and the word "Search".

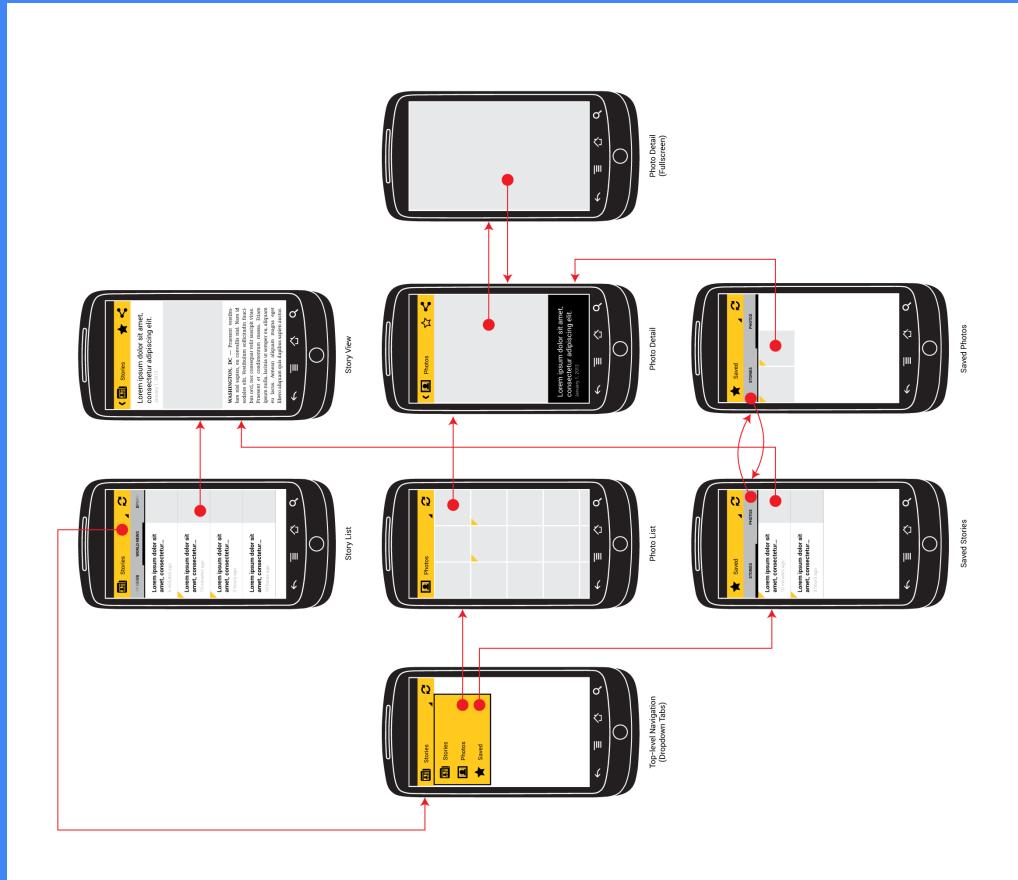
The main area displays a list of profiles:

- Instagram**: "Year Story" by Scott Christensen. Profile picture shows a group of people outdoors.
- Facebook**: "elliebaethelmore" by Scott Christensen. Profile picture shows a man smiling.
- Twitter**: "elliebaethelmore" by Scott Christensen. Profile picture shows a group of people outdoors.
- LinkedIn**: "jillfogdall" by Scott Christensen. Profile picture shows a group of people outdoors.
- YouTube**: "elliebaethelmore" by Scott Christensen. Profile picture shows a group of people outdoors.

On the right side, there's a detailed view of the profile for "Scott Christensen". It includes a photo of a group of people outdoors, a timestamp of "Sep 29 11:50", and a reply from "e Whitman" at "11:50 AM": "Yeah, I think I know what's on your mind?"

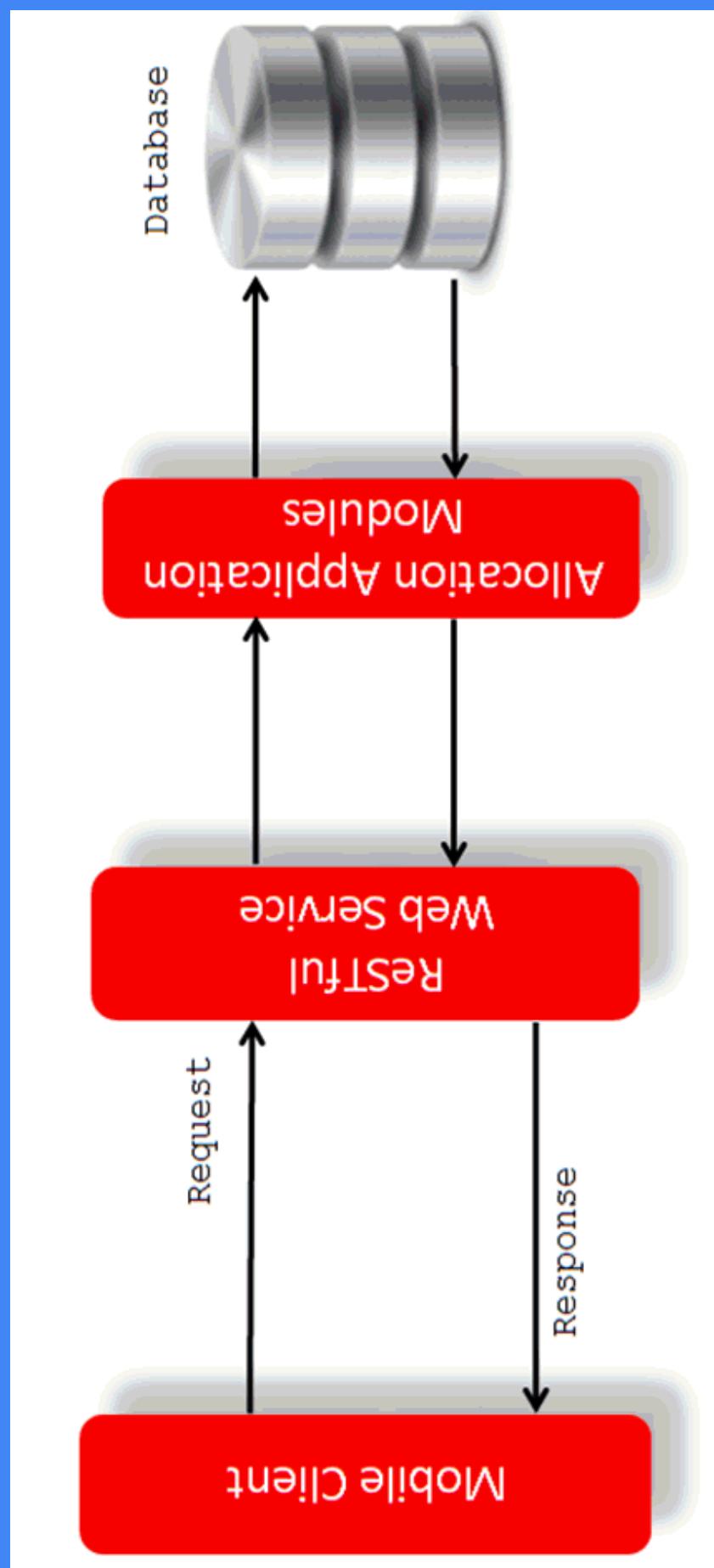
¿Qué sueño hacer?

Navegar entre pantallas



¿Qué suelo hacer?

Recuperar datos de un servidor



¿Qué suelo hacer?

Acceder a APIs nativas (Hardware)



Hardware Abstraction Layer (HAL)

	AUTOMOTIVE		AUDIO		BLUETOOTH		CAMERA		DRM		GRAPHICS
	MEDIA		INPUT		PERIPHERALS		SENSORS		STORAGE		TV
	MEDIA		INPUT		PERIPHERALS		SENSORS		STORAGE		TV
	AUDIO		INPUT		PERIPHERALS		SENSORS		STORAGE		TV
	AUTOMOTIVE		AUDIO		BLUETOOTH		CAMERA		DRM		GRAPHICS

¿Qué tengo en React-Native?

Diseñar pantallas

Componentes nativos de cada plataforma

View	The most fundamental component for building a UI.
Text	A component for displaying text.
Image	A component for displaying images.
ScrollView	Provides a scrolling container that can host multiple components and views.
StyleSheet	Provides an abstraction layer similar to CSS stylesheets.
TextInput	A component for inputting text into the app via a keyboard.

¿Qué tengo en React-Native?

Diseñar pantallas

Componentes nativos de cada plataforma

```
class ViewColoredBoxesWithText extends Component {
  render() {
    return (
      <View
        style={{flexDirection: 'row',
                height: 100,
                padding: 20,
              }}>
        <View style={{backgroundColor: 'blue', flex: 0.3}} />
        <View style={{backgroundColor: 'red', flex: 0.5}} />
        <Text>Hello World!</Text>
      </View>
    );
  }
}
```

¿Qué tengo en React-Native?

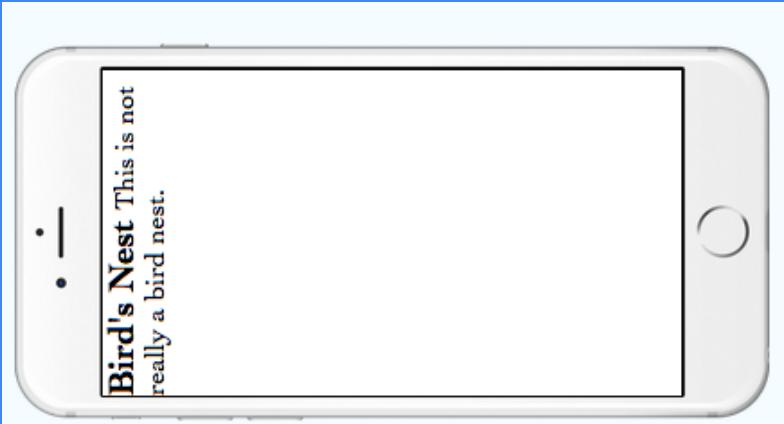
Diseñar pantallas

Componentes nativos de cada plataforma

```
1 import React, { Component } from 'react';
2 import { AppRegistry, Text, StyleSheet } from 'react-native';
3
4 export default class TextInANest extends Component {
5   constructor(props) {
6     super(props);
7     this.state = {
8       titleText: "Bird's Nest",
9       bodyText: 'This is not really a bird nest.'
10    };
11  }
12
13  render() {
14    return (
15      <Text style={styles.baseText}>
16        <Text style={styles.titleText} onPress={this.onPressTitle}>
17          {this.state.titleText}{'\n'}{'\n'}
18        </Text>
19        <Text numberOfLines={5}>
```

No Errors

Show Details



¿Qué tengo en React-Native?

Diseñar pantallas

Componentes nativos de cada plataforma

```
1 import React, { Component } from 'react';
2 import { AppRegistry, TextInput } from 'react-native';
3
4 export default class UselessTextInput extends Component {
5   constructor(props) {
6     super(props);
7     this.state = { text: 'Useless Placeholder' };
8   }
9
10  render() {
11    return (
12      <TextInput
13        style={{height: 40, borderColor: 'gray', borderWidth: 1}}
14        onChangeText={(text) => this.setState({text})}
15        value={this.state.text}
16      />
17    );
18  }
19}
```

Hola React Native!

No Errors

Show Details

¿Qué tengo en React-Native?

Diseñar pantallas

Componentes nativos de cada plataforma

```
import { Button } from 'react-native';  
...  
<Button  
onPress={onPressLearnMore}  
title="Learn More"  
color="#841584"  
accessibilityLabel="Learn more about this purple button"  
/>
```

The screenshot displays a mobile application interface with several buttons. At the top, there's a navigation bar with icons for back, forward, and search. Below it, a header shows the time as 2:47 AM and the carrier as 7:29. The main content area contains six cards, each representing a different button type:

- Simple Button**: A green button with a white icon and the text "<Button>".
- Simple Button**: A blue button with the text "PRESS ME".
- Adjusted color**: A red button with the text "PRESS PURPLE".
- Fit to text layout**: A blue button with the text "THIS LOOKS GREAT!".
- Disabled Button**: A grey button with the text "I AM DISABLED".
- Simple Button**: A blue button with the text "Press Me".

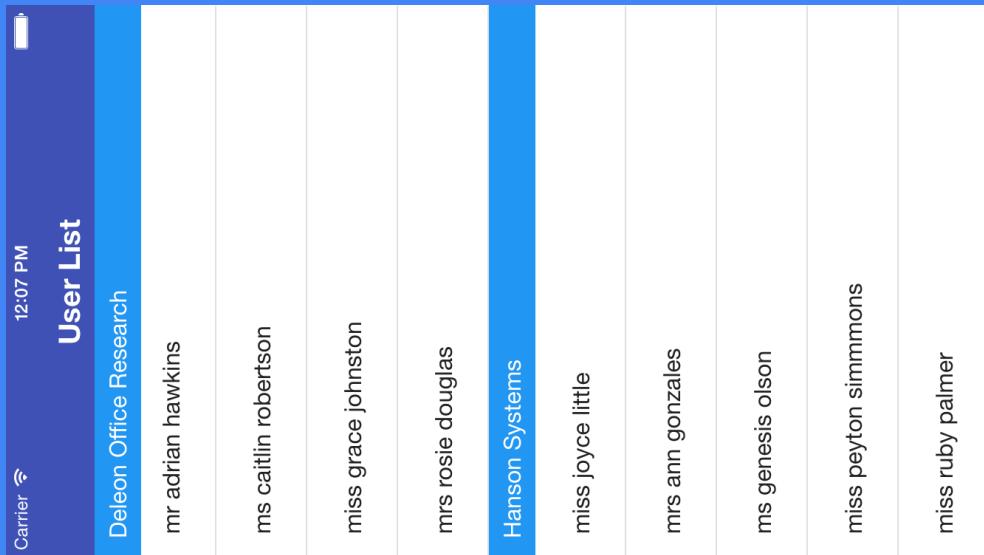
Each card also includes descriptive text and a small icon below the button.

¿Qué tengo en React-Native?

Diseñar pantallas

Componentes nativos de cada plataforma

```
<SectionList  
    renderItem={({item}) => <ListItem title={item.title} />}  
    renderSectionHeader={({section}) => <H1 title={section.key} />}  
    sections={[ // homogeneous rendering between sections  
        {data: [...], key: ...},  
        {data: [...], key: ...},  
        {data: [...], key: ...},  
        {data: [...], key: ...},  
    ]}  
/>  
  
<SectionList  
    sections={[ // heterogeneous rendering between sections  
        {data: [...], key: ..., renderItem: ...},  
        {data: [...], key: ..., renderItem: ...},  
        {data: [...], key: ..., renderItem: ...},  
        {data: [...], key: ..., renderItem: ...},  
    ]}  
/>
```



¿Qué tengo en React-Native?

Diseñar pantallas

Eventos

```
<View style={styles.buttonContainer}>
  <Button
    onPress={this._onPressButton}
    title="Press Me"
    color="#841584"
  />
</View>
```

```
<TouchableHighlight onPress={this._onPressButton} onLongPress={this._onLongPressButton} underlayColor="white">
  <View style={styles.button}>
    <Text style={styles.buttonText}>Touchable with Long Press
    </Text>
  </View>
</TouchableHighlight>
```

¿Qué tengo en React-Native?

Diseñar pantallas
Componentes
de terceros

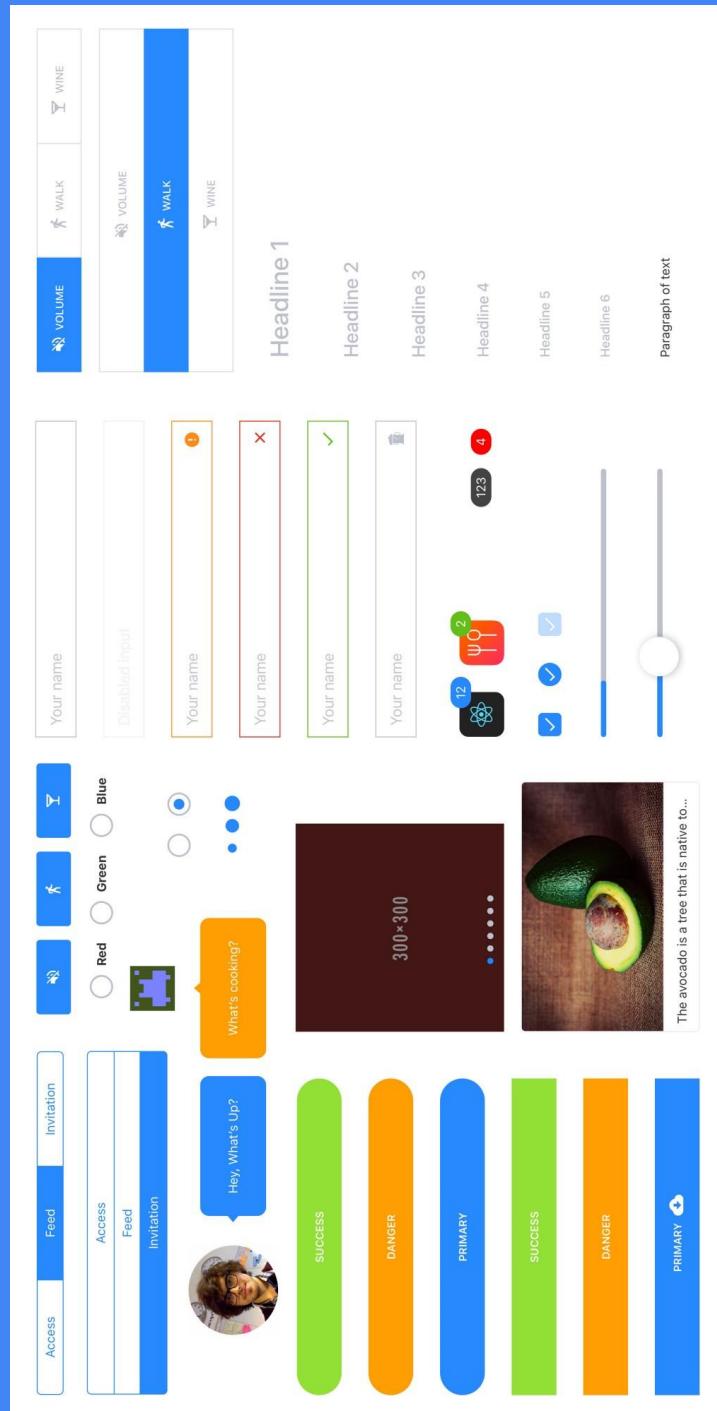
React Native Elements



¿Qué tengo en React-Native?

Diseñar pantallas
Componentes
de tercero

[Post de Petr Brzek sobre NachosUI](#)



¿Qué tengo en React-Native?

Diseñar pantallas.

CSS

Un estílio es un objeto que contiene propiedades CSS como en web, pero usando “camelCase” en los atributos

- font-size => fontSize
- margin-top => marginTop
- font-weight => fontWeight

```
js styles.common.js ●
1 import { StyleSheet } from 'react-native';
2
3 export default StyleSheet.create({
4   container: {
5     height: 120,
6     justifyContent: 'center',
7     alignItems: 'center',
8     padding: 8,
9     margin: 8
10 },
11   containerEnd: {
12     flexDirection: 'column',
13     alignItems: 'center'
14 },
15   containerEndPlayers: {
16     flexDirection: 'row',
17     alignItems: 'flex-end'
18 },
19   containerEndMessage: {
20     marginTop: 0
21 },
22   containerEndMessageText: {
23     fontSize: 16,
24     fontWeight: '700',
25     textAlign: 'center'
26 },
27   avatarWinner: {
28     height: 80,
29     width: 80,
30     borderRadius: 40,
31     margin: 6
32 }
33});
```

¿Qué tengo en React-Native?

Diseñar pantallas. CSS

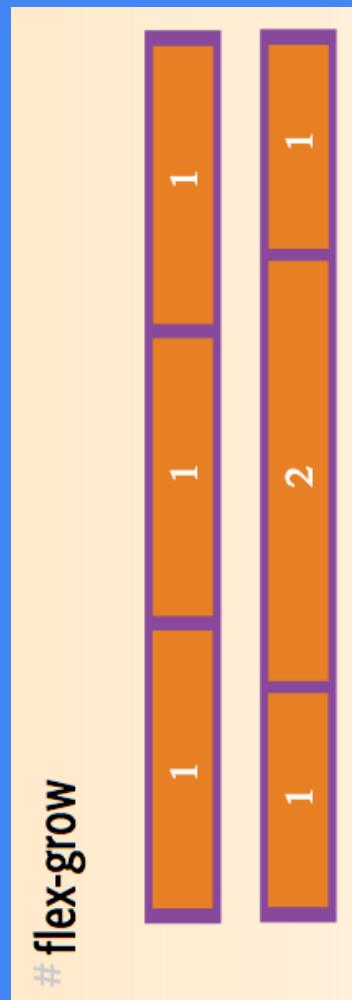
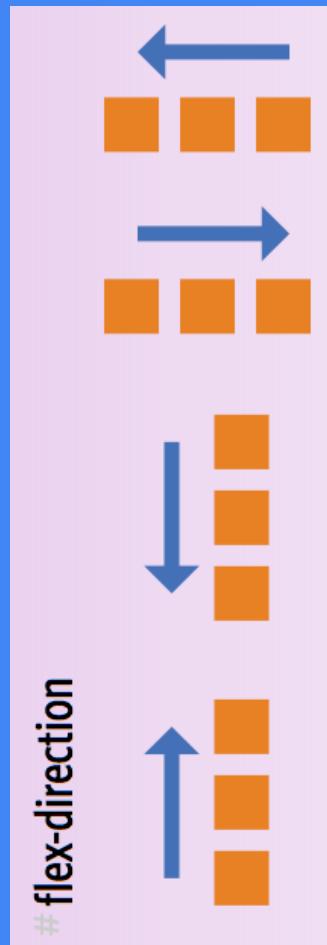
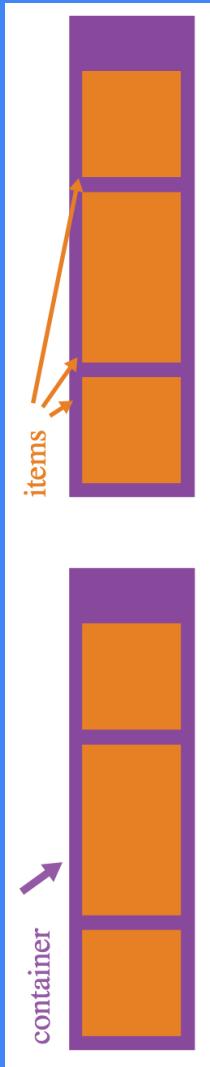
```
3 | const styles = StyleSheet.create({
4 |   container: {
5 |     flex: 1,
6 |   },
7 |   containerView: {
8 |     flex: 1,
9 |     flexDirection: 'row',
10|     margin: 2
11|   },
12|   playerAvatar: {
13|     marginLeft: 10,
14|     marginTop: 6,
15|     marginBottom: 6,
16|     height: 42,
17|     width: 42,
18|     borderRadius: 21
19|   },
20|   playerDisplayNameView: {
21|     flex: 1,
22|     flexDirection: 'row',
23|     justifyContent: 'center',
24|     alignItems: 'center',
25|     margin: 4
26|   },
27|   playerDisplayname: {
28|     flex: 1,
29|   },
30|   playerTotalTime: {
31|     padding: 8
32|   },
33|   playerWaitingIcon: {
34|     padding: 8
35|   },
36|   playerPositionView: {
37|     position: 'absolute',
38|     top: -2,
39|     left: -2,
40|     width: 18,
41|     height: 18,
42|     borderRadius: 9,
43|     backgroundColor: '#CECECE',
44|     zIndex: 99,
45|     justifyContent: 'center',
46|     alignItems: 'center'
47|   }
48| );
49| }
```

¿Qué tengo en React-Native?

- **Layouts.** Flexbox (YOGA).

- **Autolayout**
- **Autoresizing**
- **LinearLayout**
- **RelativeLayout**

- **ConstraintLayout**



¿Qué tengo en React-Native?

Layouts. Flexbox (YOGA).

Flexbox

- Css-tricks: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
- Wes Bos: <https://courses.wesbos.com/>
- Val Scholz: <https://www.slideshare.net/valsch/react-native-why-designers-should-use-react-native-and-everyone-else-too>

Yoga: <https://facebook.github.io/yoga/docs/learn-more/>

¿Qué tengo en React-Native?

Navegar entre pantallas

Native Navigation: <http://airbnb.io/native-navigation/>

```
const AppRouter = DrawerNavigator({
  Matchs: {
    screen: StackNavigator({
      Matchs: { screen: Match },
      Match: { screen: Match }
    })
  },
  Ranking: {
    screen: StackNavigator({
      Ranking: { screen: Ranking }
    })
  }
}, {
  drawerWidth: 280,
  contentComponent: Drawer,
  contentOptions: {
    activeTintColor: '#ffbd4a',
    inactiveTintColor: '#CECECE'
  }
});
```

```
const LoginRouter = StackNavigator({
  Login: { screen: Login },
  Register: { screen: Register },
  LoginSocial: { screen: LoginSocial }
});
```

```
<View style={ styles.buttons }>
  <Icon.Button
    name="google"
    backgroundColor="#d34836"
    onPress={() =>{
      navigate('LoginSocial', { provider: 'google' });
    }}
  >
    <Text style={ styles.buttonText }>GOOGLE</Text>
  </Icon.Button>
</View>
```

¿Qué tengo en React-Native?

Navegar entre pantallas

React Router Native: <https://reacttraining.com/react-router/native/>

React Conf: <https://youtu.be/Mf0Fy8iHp8k>

```
const App = () => (
  <NativeRouter>
    <View style={styles.container}>
      <View style={styles.nav}>
        <Link
          to="/">
          <Text style={{color: '#f0f4f7'}}>
            Home
          </Text>
        </Link>
        <Link
          to="/about">
          <Text style={{color: '#f0f4f7'}}>
            About
          </Text>
        </Link>
        <Link
          to="/topics">
          <Text style={{color: '#f0f4f7'}}>
            Topics
          </Text>
        </Link>
      </View>
    </View>
  </NativeRouter>
)
```

```
import React from 'react'
import { StyleSheet, Text, View } from 'react-native'
import { NativeRouter, Route, Link } from 'react-router-native'

const Home = () => (
  <Text style={styles.header}>
    Home
  </Text>
)

const About = () => (
  <Text style={styles.header}>
    About
  </Text>
)

const Topic = ({ match }) => (
  <Text style={styles.topic}>
    {match.params.topicId}
  </Text>
)
```

¿Qué tengo en React-Native?

Recuperar datos de un servidor



socket.io



WebSocket Support

React Native also supports WebSockets, a protocol which provides full-duplex communication channels over a single TCP connection.

```
var ws = new WebSocket('ws://host.com/path');

ws.onopen = () => {
  // connection opened
  ws.send('something'); // send a message
};

ws.onmessage = (e) => {
  // a message was received
  console.log(e.data);
};

ws.onerror = (e) => {
  // an error occurred
  console.log(e.message);
};

ws.onclose = (e) => {
  // connection closed
  console.log(e.code, e.reason);
};
```

Fetch

```
fetch(API_URL)
  .then(res => res.json())
  .then(data => {
    console.log(data);
  })
  .catch(error => {
    console.warn(error);
  });
};
```

¿Qué tengo en React-Native?

Acceder al hardware y otras APIs



React Native Community

Quality code from the React Native Community <https://facebook.github.io/react-native/>

```
public class ToastModule extends ReactContextBaseJavaModule {  
  
    private static final String DURATION_SHORT_KEY = "SHORT";  
    private static final String DURATION_LONG_KEY = "LONG";  
  
    public ToastModule(ReactApplicationContext reactContext) {  
        super(reactContext);  
    }  
  
    // CalendarManager.h  
    #import <React/RCTBridgeModule.h>  
    @interface CalendarManager : NSObject <RCTBridgeModule>  
    @end  
}  
  
public static final String REACT_CLASS = "RCTImageView";  
  
@Override  
public String getName() {  
    return REACT_CLASS;  
}
```

¿Qué resultados se obtienen?

Sección “Events” en la app de Facebook (iOS)

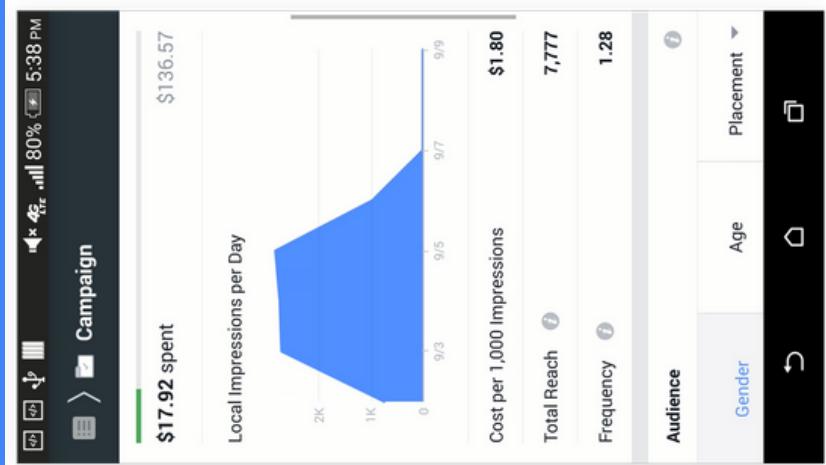
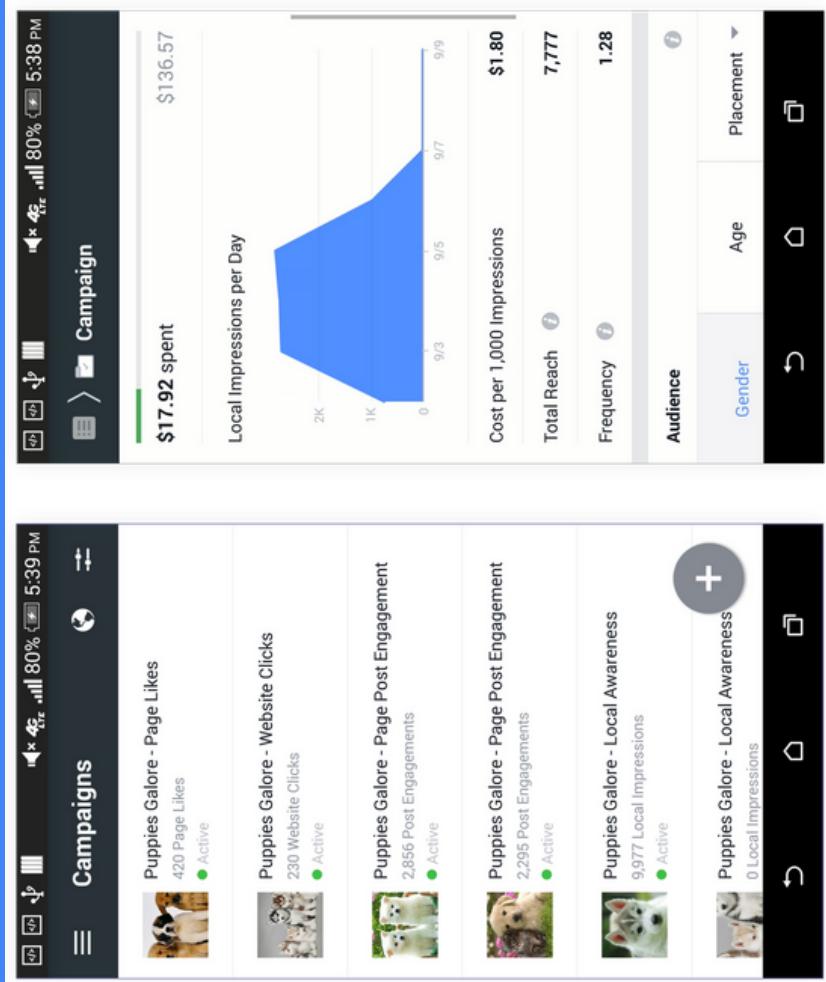


¿Qué resultados se obtienen?

Ads Manager de Facebook

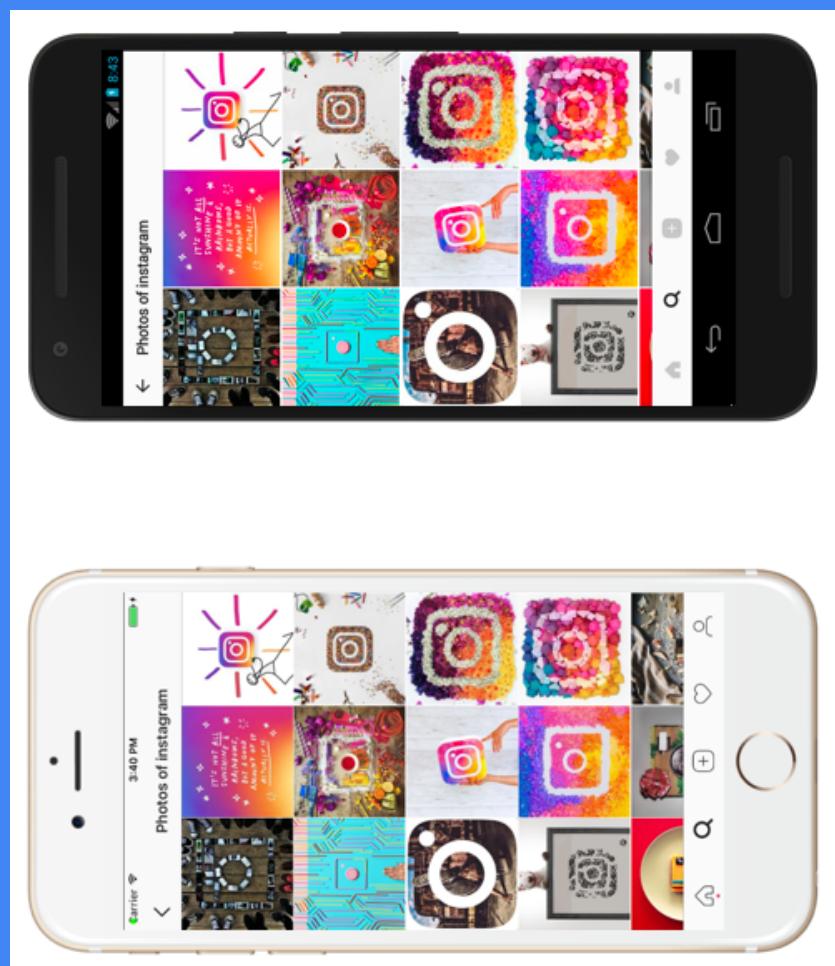
The screenshot shows the Facebook Ads Manager interface. At the top, there's a navigation bar with icons for search, notifications, and account information. Below that is a secondary navigation bar with 'Campaigns' selected. The main area displays a list of ads for the campaign 'Puppies Galore'. Each ad card includes a thumbnail image, the ad name, metrics, and an 'Active' status indicator.

Ad Name	Metrics	Status
Puppies Galore - Page Likes	420 Page Likes	Active
Puppies Galore - Website Clicks	230 Website Clicks	Active
Puppies Galore - Page Post Engagements	2,856 Post Engagements	Active
Puppies Galore - Page Post Engagement	2,295 Post Engagements	Active
Puppies Galore - Local Awareness	9,977 Local Impressions	Active



¿Qué resultados se obtienen?

Instagram



¿Qué resultados se obtienen?

Y más... <http://facebook.github.io/react-native/showcase.html>

 Facebook iOS - Android Using React Native in the Facebook App	 Facebook Ads Manager iOS - Android How We Built the First Cross-Platform React Native App	 Instagram iOS - Android React Native at Instagram	 F8 iOS - Android Tutorial: Building the F8 conference app	 Walmart iOS - Android React Native at Walmart Labs	 Bloomberg iOS - Android How Bloomberg Used React Native to Develop its new Consumer App
 Airbnb iOS - Android Hybrid React Native Apps at Airbnb	 Skype iOS - Android React Native at Skype	 Tesla iOS - Android React Native at Tesla	 Flare by GoDaddy iOS - Android Social network that connects entrepreneurs to fellow entrepreneurs, consumers, investors and experts	 Gyroscope iOS - Android Building a visualization experience with React Native	 Baidu Mobile (手机百度) iOS - Android Baidu Mobile is a search engine used by over 600 million people in China
 adidas GLITCH iOS - Android Building Adidas GLITCH app with React Native	 Artsy iOS React Native at Artsy	 Huseoul iOS React Native	 JD (京东) iOS - Android How we built Chop using React Native in an Existing iOS App: Getting Started	 JD.com is China's largest e-commerce company by revenue and a member of the Fortune Global 500. Building a conversational E-commerce app in 6 weeks with React Native	

 Discord iOS Year Later	 Delivery.com iOS - Android Using React Native: One Year Later	 Chop iOS React Native	 Huseoul iOS React Native	 JD.COM iOS React Native
 CBS Sports Franchise Football Android Award winning Fantasy Football league manager built with React Native	 Flare by GoDaddy iOS - Android Social network that connects entrepreneurs to fellow entrepreneurs, consumers, investors and experts	 G iOS React Native	 Huseoul iOS React Native	 JD (京东) iOS - Android How we built Chop using React Native in an Existing iOS App: Getting Started
 F8 Android Tutorial: Building the F8 conference app	 Gyroscope iOS - Android Building a visualization experience with React Native	 Bloomberg iOS - Android How Bloomberg Used React Native to Develop its new Consumer App		

¿Qué resultados se obtienen?



PingIt Game

It Game <https://play.google.com/store>
Login native G+, Facebook y Twitter

Login nativo G+, Face
Notificaciones
Universal Deep Links
l18n
Animaciones

The screenshot shows the Ping It app's main screen. At the top left, there's a yellow bar with icons for battery (80%), signal, and time (21:59). The title 'Ping It' is at the top center. Below it is a large orange circle containing a white letter 'P'. To the right are four colored buttons: blue for Facebook, teal for Twitter, red for Google, and dark blue for PING IT itself. On the far right, there's a text input field with placeholder text 'Enter your favorite nickname' and a small icon above it.

The screenshot shows a mobile game interface for 'PONG IT!'.

- Top Bar:** Shows battery level (88%), signal strength, and a play button.
- Score:** 'ROUND 9' on the left, and '18.9' in a large orange circle on the right.
- Controls:** '2 players' and a left arrow icon.
- Text:** 'You must PONG IT! be the fastest to sum the minimum amount of time as possible!' above a yellow button.
- Button:** A large yellow button labeled 'PONG IT' with a red arrow pointing down-right.
- Bottom:** Player icons for 'Juanjo' (blue) and 'Juanjo Franco Developper' (orange).

JAZZTEL	Pin gilt	Sei subito ha vinto questa	È finita il 06/10/2017 alle	Juanjo Franco Developper ha vinto
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```
"dependencies": {  
  "eslint": "^4.1.1",  
  "jwt-decode": "^2.2.0",  
  "query-string": "^4.3.4",  
  "react": "16.0.0-alpha.12",  
  "react-native": "0.48.2",  
  "react-native-action-button": "2.7.2",  
  "react-native-cardview": "1.0.4",  
  "react-native-device-info": "0.10.2",  
  "react-native-fbsdk": "0.6.0",  
  "react-native-fcm": "7.1.0",  
  "react-native-i18n": "2.0.4",  
  "react-native-snackbar": "0.4.1",  
  "react-native-textinput-effects": "0.4.0",  
  "react-native-twitter-signin": "1.0.2",  
  "react-native-vector-icons": "4.2.0",  
  "react-navigation": "1.0.0-beta.11",  
  "react-redux": "5.0.5",  
  "redux": "3.7.1",  
  "redux-thunk": "2.2.0"  
},
```

¿Qué resultados se obtienen?



Pingit Game <https://play.google.com/store/apps/details?id=ovh.pingit&hl=en>

50 horas de desarrollo

Código específico por plataforma...

```
js styles.common.js   js styles.android.js
1 import { StyleSheet } from 'react-native';
2
3 export default StyleSheet.create({
4   container: {
5     height: 120,
6     justifyContent: 'center',
7     alignItems: 'center',
8     padding: 8,
9     margin: 8
10 },
11   containerEnd: {
12     flexDirection: 'column',
13     alignItems: 'center'
14 },
15   containerEndPlayers: {
16     flexDirection: 'row',
17     alignItems: 'flex-end'
18 },
19   containerEndMessage: {
20     marginTop: 0
21 },
22   containerEndMessageText: {
23     fontSize: 16,
24     fontWeight: '700',
25     textAlign: 'center'
26 },
27   avatarWinner: {
28     height: 80,
29     width: 80,
30     borderRadius: 40,
31     margin: 6
32 }
33 });

js styles.common.js   js styles.ios.js
1 import styles from './styles.common';
2
3 export default {
4   ...styles,
5   reward: {
6     position: 'absolute',
7     right: 4,
8     bottom: 0
9   },
10 };

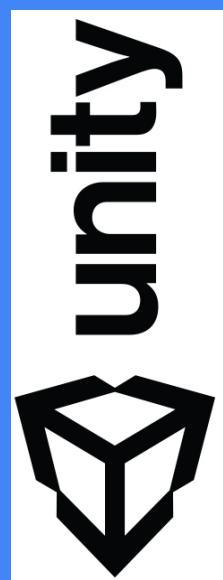
js styles.common.js   js styles.ios.js
1 import styles from './styles.common';
2
3 export default {
4   ...styles,
5   reward: {
6     position: 'absolute',
7     right: 4,
8     bottom: 0,
9     background-color: 'transparent'
10   },
11 };

js styles.common.js   js styles.ios.js
1 import styles from './styles.common';
2
3 export default {
4   ...styles,
5   reward: {
6     position: 'absolute',
7     right: 4,
8     bottom: 0,
9     background-color: 'transparent'
10   },
11 };

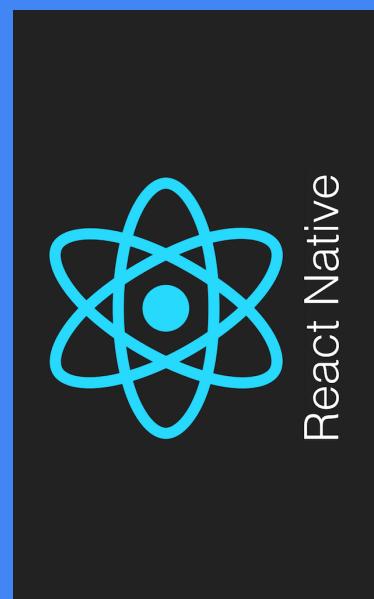
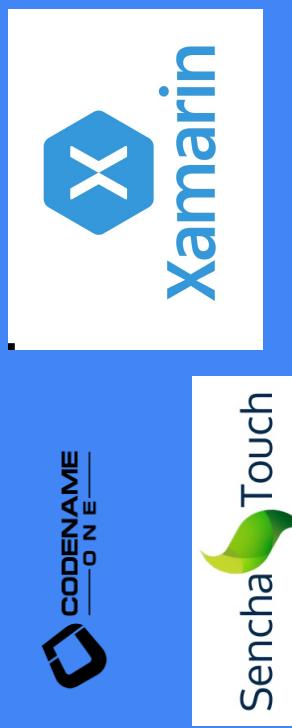
if(Platform.OS === 'ios'){
  switch(notif._notificationType){
    case NotificationType.Remote:
      notif.finish(RemoteNotificationResult.NewData);
      break;
    case NotificationType.NotificationResponse:
      notif.finish();
      break;
    case NotificationType.WillPresent:
      notif.finish(WillPresentNotificationResult.None);
      break;
  }
}
```

¿Qué es mejor NATIVO o MULTIPLATAFORMA?

No existe la bala de plata!



fuse!



De Native a Multiplataforma



GRACIAS POR
VENIR!