

# Hands on React Native

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React Native?

# React Native

Library

for building **native** mobile **apps**

using **React**

# React.js

- React.js is for Web.
- Is React Native another PhoneGap?

# React Native



# React.js

- React.js is for JavaScript.
- Is React Native wrapper around iOS/Android?

# React Native

```
var helloLabel = new UILabel();  
helloLabel.setText("Hello React Native");  
  
var container = new UIView();  
container.addSubview(helloLabel);
```



# React Native



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# React Native



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var container = new UIView();  
container.addSubview(helloLabel);
```

```
class HandsOnReactApp extends React.Component {  
  render() {  
    return (  
      <View>  
        <Text>Hello React Native</Text>  
      </View>  
    );  
  }  
}
```

# React Native



```
var helloLabel = new UILabel();  
helloLabel.setText("Hello React Native");  
  
var container = new UIView();  
container.addSubview(helloLabel);
```

```
class HandsOnReactApp extends React.Component {  
  render() {  
    return (  
      React.createElement(View, null,  
        React.createElement(Text, null, "Hello React Native")  
      )  
    );  
  }  
}
```

# Imperative vs. Declarative

# Imperative vs. Declarative

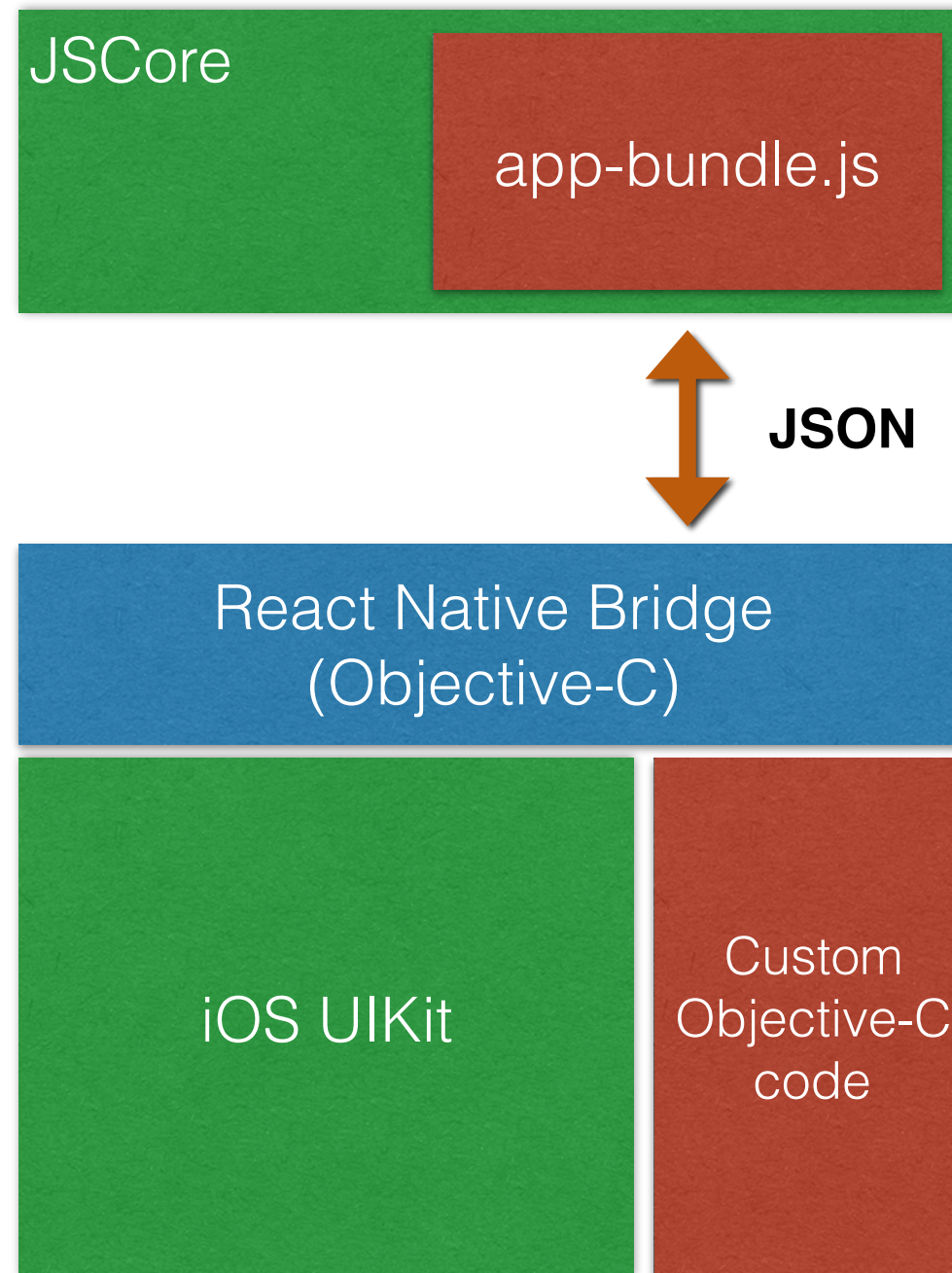
```
if (error) {  
  this.hideContent();  
  this.hideLoading();  
  this.showError(error);  
} else {  
  this.hideError();  
  
  if (loading) {  
    this.hideContent();  
    this.showLoading();  
  } else {  
    this.hideLoading();  
    this.showContent(content);  
  }  
}
```

# Imperative vs. Declarative

```
if (error) {  
  this.hideContent();  
  this.hideLoading();  
  this.showError(error);  
} else {  
  this.hideError();  
  
  if (loading) {  
    this.hideContent();  
    this.showLoading();  
  } else {  
    this.hideLoading();  
    this.showContent(content);  
  }  
}
```

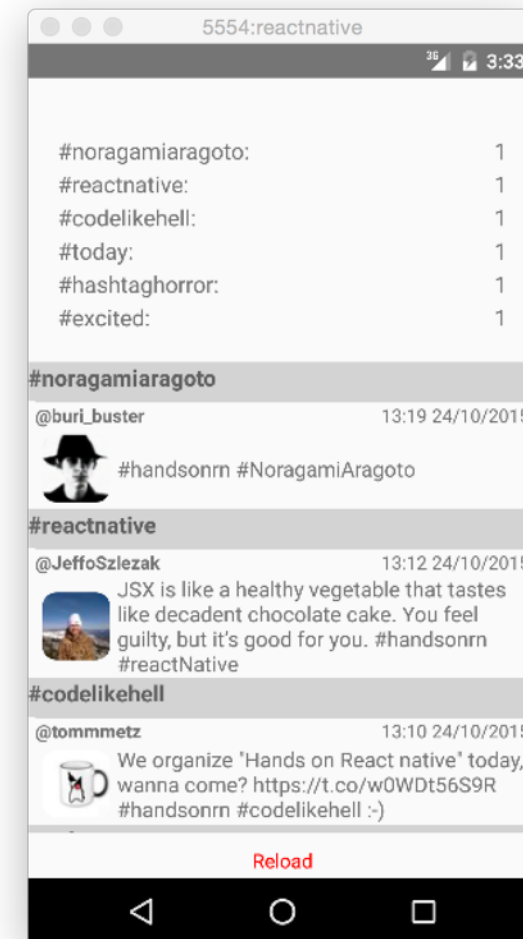
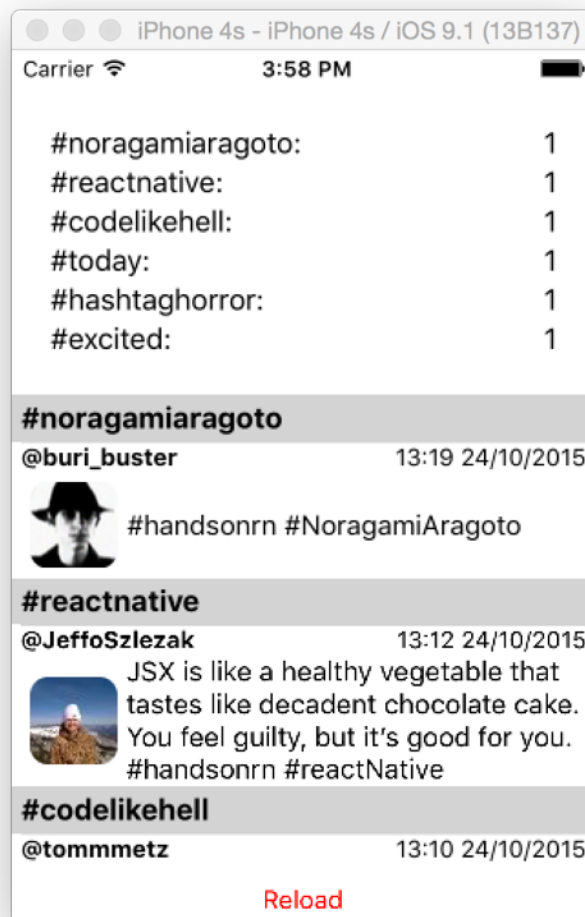
```
if (error) {  
  return <Error error={error}/>;  
}  
if (loading) {  
  return <Loading />;  
}  
return <Content text={content} />;
```

# React Native



# Hands on React Native

#handsonrn

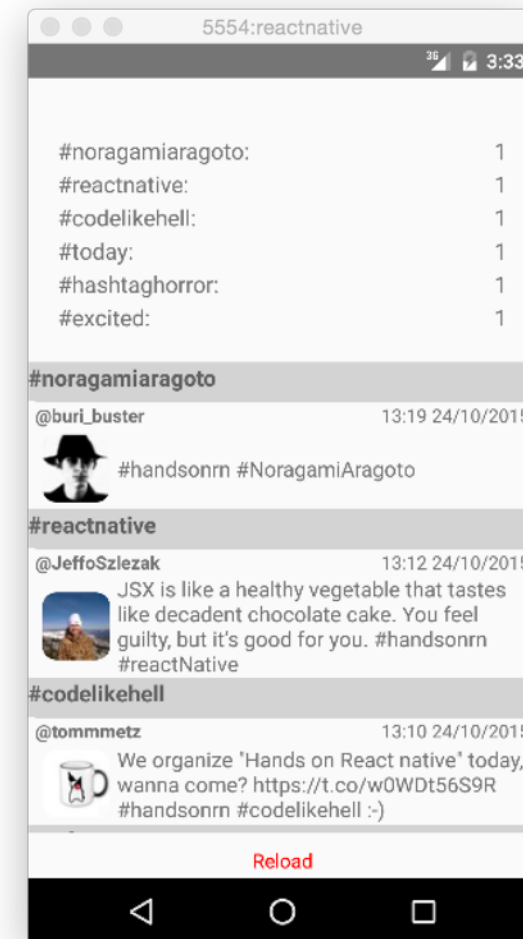
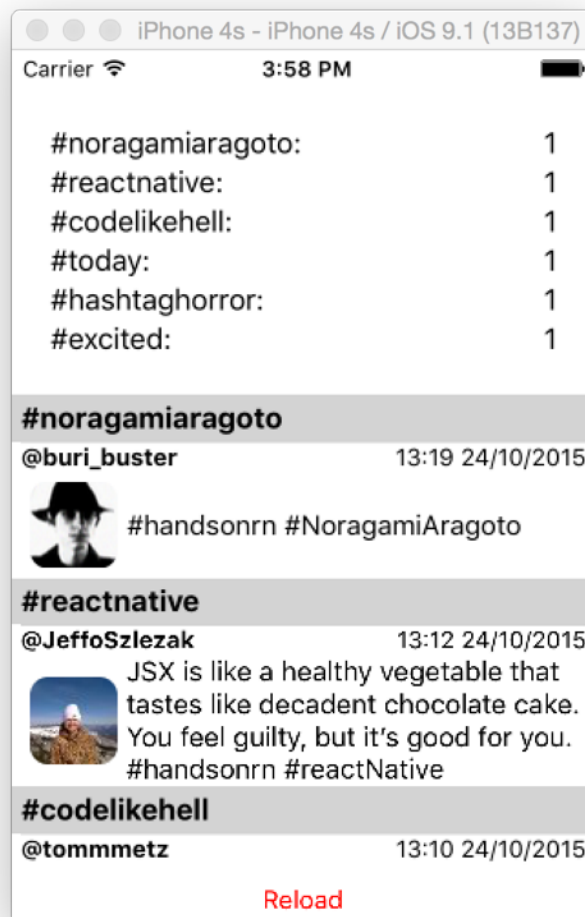




# Hands on React Native

#handsonrn

[github.com/cngroupdk/hands-on-react-native](https://github.com/cngroupdk/hands-on-react-native)





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