

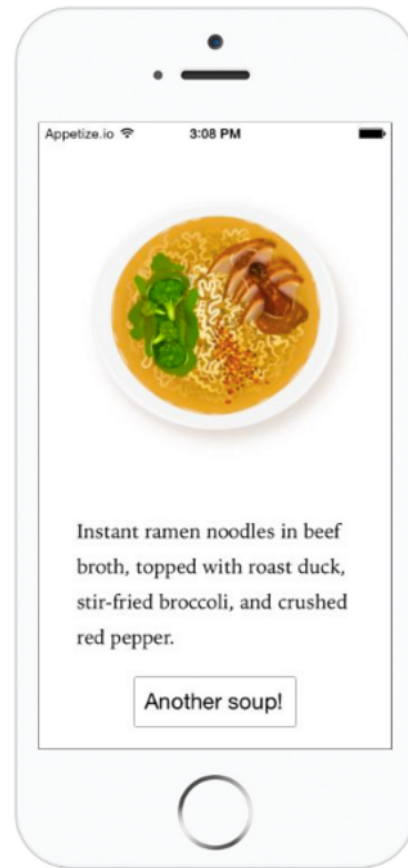
SECTION 10: REACT NATIVE

REACT NATIVE

- 🔔 React Native enables you to build world-class application experiences on native platforms using a consistent developer experience based on JavaScript and React
- 🔔 Learn once, write anywhere
- 🔔 Dozens of already built apps for iOS and Android
- 🔔 Use of Native Components
- 🔔 Much faster then Web View apps

REACT NATIVE

```
1 'use strict';
2
3 var React = require('react-native');
4 var {
5   ActivityIndicatorIOS,
6   AppRegistry,
7   StyleSheet,
8   Text,
9   Image,
10  View,
11  TouchableOpacity,
12  TouchableWithoutFeedback
13 } = React;
14
15 var Oracle = React.createClass({
16
17   getInitialState() {
18     return {
19       ingredients: null,
20       soup_text: null
21     };
22   },
23
24   toggleMenu() {
25     this.props.menu.openMenu();
26   },
27
28   updateSoup() {
29     this.setState({ingredients:null});
```



REACT NATIVE

- 🔔 Components available: ListView, MapView, Text, TextInput, Picker, ProgressView, Button, Button Group, Segmented Controll, TabBar, Navigator, Modal, WebView (to load webpage) and others
- 🔔 Apis available: ActionSheetIOS, Alert, AlertIOS, Animated, AppRegistry, AppStateIOS, AppState, AsyncStorage, BackAndroid, CameraRoll, Clipboard, DatePickerAndroid, Dimensions, IntentAndroid, InteractionManager, LayoutAnimation, Linking, LinkingIOS, NativeMethodsMixin, NetInfo, PanResponder, PixelRatio, PushNotificationIOS, StatusBarIOS, StyleSheet, TimePickerAndroid, ToastAndroid, VibrationIOS, Vibration
- 🔔 With that in use you can create almost any app, but in case you need to create something custom it's very easy base on API react native provides you

REACT NATIVE

- 🔔 All operations between the JavaScript application code and the native platform are performed asynchronously
- 🔔 This means we can decode images off of the main thread, save to disk in the background, measure text and compute layouts without blocking the UI, and more
- 🔔 As a result, React Native apps are naturally fluid and responsive
- 🔔 Styling with flexbox, how awesome is that =)
- 🔔 ES2016, how awesome awesome is that =)

REACT NATIVE DEBUG

- 🔔 You will find debug very convenient since React Native communication is fully serializable, which allows us to use Chrome Developer Tools to debug the JavaScript while running the complete app, either in the simulator or on a physical device.

