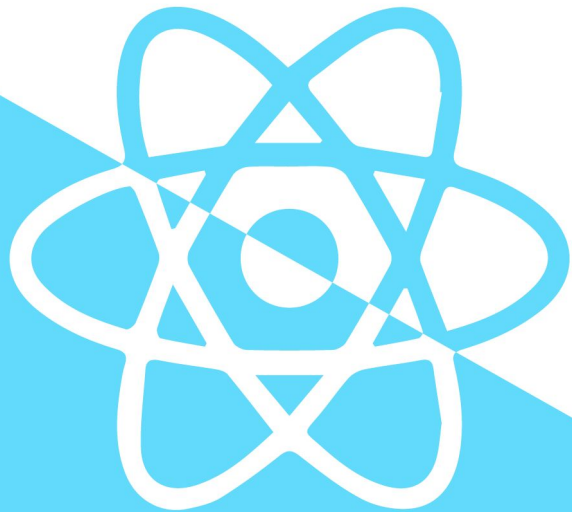


React-Native

Desenvolver apps nativos para iOS e Android com JavaScript.
Um curso gratuito para você descobrir o poder do React Native, a ferramenta do Facebook e utilizada pela Uber, Nubank e Instagram.



React-Native

Dia 3 - Somando Funções



^ Expo

- Crie um app com expo
- Crie funções para operações matemáticas
- Crie dois inputs
- Exiba o resultado
- Valide as entradas
- Explore o design

O QUE É UMA API?

{ Json: ? }

```
1 {  
2   "name": "Christopher Co",  
3   "age": 29,  
4   "level": 7,  
5   "gender": "M",  
6   "status": "good"  
7 }
```

App Copa do Mundo 2018 - App.js

```
import Header from './src/components/Header';
import TeamsList from './src/components/TeamsList';

class App extends Component {
  render() {
    const title = 'Copa do Mundo 2018';
    return (
      <View style={styles.itemsContainer}>
        <Header title={title} />
        <TeamsList />
      </View>
    );
  }
}
```



App Copa do Mundo 2018 - App.js

```
const Header = ({ title }) => {  
  return (  
    <View>  
      <Text style={styles.header}>{title}</Text>  
    </View>  
  );  
}  
  
const styles = StyleSheet.create({  
  header: {  
    fontSize: 20,  
    fontWeight: 'bold',  
    marginBottom: 10,  
    textAlign: 'center',  
  },  
});
```

Carrier 5:21 PM

Copa do Mundo 2018	
 Argentina	 Australia
 Belgium	 Brazil
 Colombia	 Costa Rica
 Croatia	 Denmark
 Egypt	 England
 France	 Germany
 Iceland	 Iran
 Japan	 Korea Republic
 Mexico	 Morocco
 Nigeria	 Panama
 Peru	 Poland
 Portugal	 Russia
 Saudi Arabia	 Senegal

App Copa do Mundo 2018 - Header.js

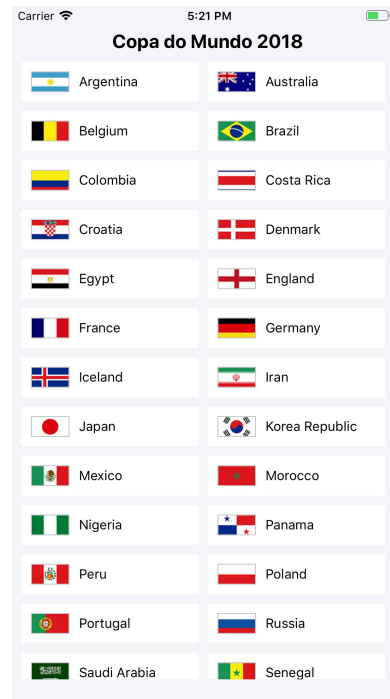
```
import TeamItem from './TeamItem';
import teamsApi from '../api/TeamsApi';

class TeamsList extends Component {
  state = { countries: [], loading: true };

  async componentDidMount() {
    const countries = await teamsApi.getAll();
    this.setState({ countries, loading: false });
  }

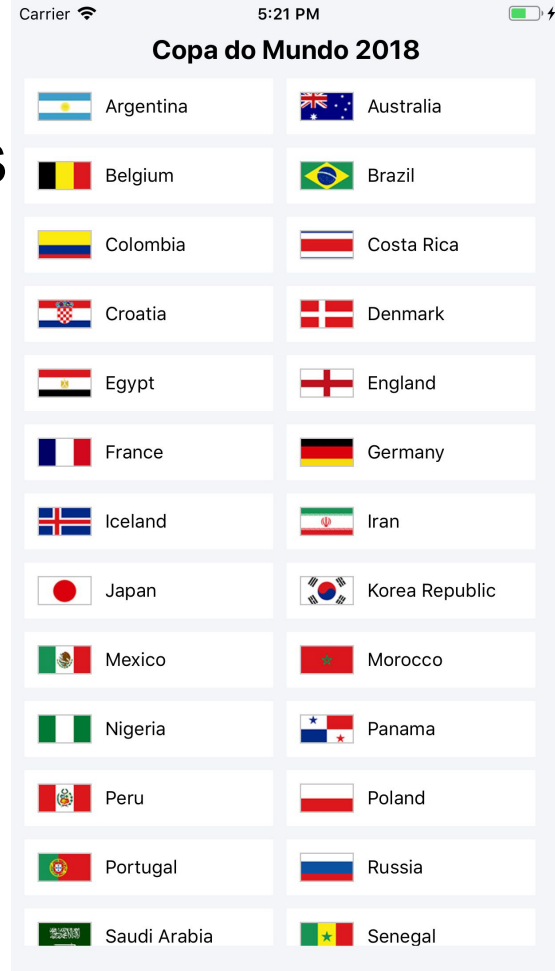
  render() {
    if (this.state.loading) {
      return (<View style={{ flex: 1, padding: 20 }}>
        <ActivityIndicator size="large" color="#0000ff" />
      </View>);
    }

    return (<FlatList
      data={this.state.countries}
      numColumns={2}
      keyExtractor={(item) => item.code}
      renderItem={({ item }) => <TeamItem item={item} />
    </>);
  }
}
```



App Copa do Mundo 2018 - TeamItem.js

```
const TeamItem = ({ item }) => {  
  return (  
    <View style={styles.itemContainer}>  
      <Image  
        style={styles.flag}  
        source={{ uri: item.flag }}  
      />  
      <Text style={styles.item}>{item.name}</Text>  
    </View>  
  );  
}
```



VAMOS COMEÇAR!



Expo

- Crie um app com expo
 - expo init aula3
- Faça requisição na API
- Exiba a cotação
- Atualize o state do carregando

<https://api.bitcointrade.com.br/v1/public/BTC/ticker>