

Creating Your First React Native Component



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Overview

Creating a list based component

Styling components

Laying out components with flexbox

A React Native Component

```
import React, { Component } from 'react';
import { Text } from 'react-native';

class EventList extends Component {
  render() {
    return (
      <Text>hello!</Text>
    );
  }
}

export default EventList;
```

The FlatList Component

```
<FlatList
  data={[{ name: 'a' }, { name: 'b' }]}
  renderItem={({ item }) => <Text>{item.name}</Text>}
/>
```

Additional FlatList Properties

```
<FlatList
  data={[{ name: 'a' }, { name: 'b' }]}
  renderItem={({ item }) => <Text>{item.name}</Text>}
  keyExtractor={item => item.name}
/>
```

Styling in React Native

```
export default class SimpleStyleComponent extends Component {  
  render() {  
    return (  
      <Text style={{ color: "red" }}>Red rulz!</Text>  
    );  
  }  
}
```

Styling in React Native

```
const styles = StyleSheet.create({  
  red: {  
    color: 'red'  
  }  
})
```

```
export default class SimpleStyleComponent extends Component {  
  render() {  
    return (  
      <Text style={styles.red}>Red rulz!</Text>  
    );  
  }  
}
```

Combining Styles in React Native

```
export default class CombinedStyles extends Component {  
  render() {  
    return (  
      <Text style={[styles.red, styles.bold]}>Red rulz!</Text>  
    );  
  }  
}
```


HTML

```
{ display: flex }
```

React Native

```
{ flex: 1 }
```

Summary

React Native components are built on top of React

StyleSheet to create styles

Flexbox for layout

FlatList component