Using List Views

React Native provides a suite of components for presenting lists of data. Generally, you'll want to use either FlatList or SectionList.

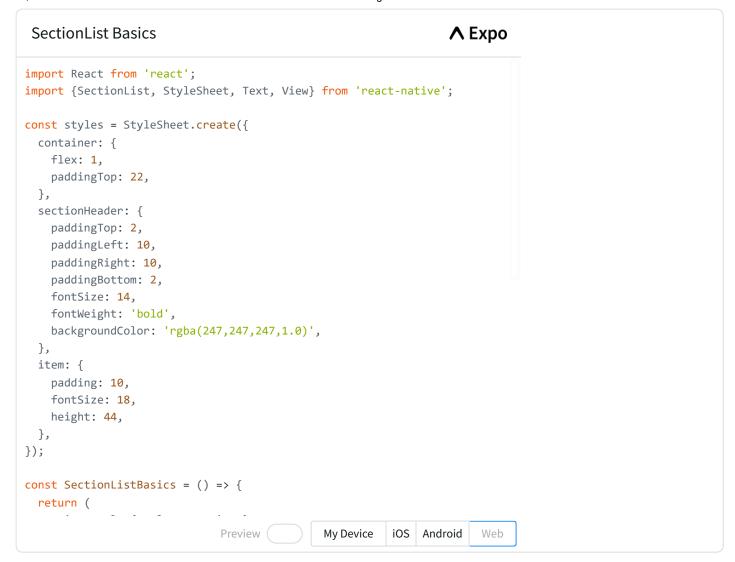
The FlatList component displays a scrolling list of changing, but similarly structured, data. FlatList works well for long lists of data, where the number of items might change over time. Unlike the more generic <u>ScrollView</u>, the FlatList only renders elements that are currently showing on the screen, not all the elements at once.

The FlatList component requires two props: data and renderItem. data is the source of information for the list. renderItem takes one item from the source and returns a formatted component to render.

This example creates a basic FlatList of hardcoded data. Each item in the data props is rendered as a Text component. The FlatListBasics component then renders the FlatList and all Text components.

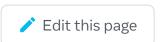
```
FlatList Basics
                                                                  ∧ Expo
import React from 'react';
import {FlatList, StyleSheet, Text, View} from 'react-native';
const styles = StyleSheet.create({
  container: {
    flex: 1,
    paddingTop: 22,
  },
  item: {
    padding: 10,
    fontSize: 18,
   height: 44,
  },
});
const FlatListBasics = () => {
  return (
    <View style={styles.container}>
      <FlatList</pre>
        data={[
          {key: 'Devin'},
          {key: 'Dan'},
          {key: 'Dominic'},
          {key: 'Jackson'},
          {key: 'James'},
          {key: 'Joel'},
                              Preview
                                               My Device
                                                          iOS Android
                                                                        Web
```

If you want to render a set of data broken into logical sections, maybe with section headers, similar to UITableViews on iOS, then a SectionList is the way to go.



One of the most common uses for a list view is displaying data that you fetch from a server. To do that, you will need to learn about networking in React Native.





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