

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 ScrollView, 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



```
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
        data={[
          {key: 'Devin'},
          {key: 'Dan'},
          {key: 'Dominic'},
          {key: 'Jackson'},
          {key: 'James'},
          {key: 'Joel'},
          ...
        ]}
      />
    </View>
  );
};
```

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.

SectionList Basics



```
import React from 'react';
import {SectionList, StyleSheet, Text, View} from 'react-native';

const styles = StyleSheet.create({
  container: {
    flex: 1,
    paddingTop: 22,
  },
  sectionHeader: {
    paddingTop: 2,
    paddingLeft: 10,
    paddingRight: 10,
    paddingBottom: 2,
    fontSize: 14,
    fontWeight: 'bold',
    backgroundColor: 'rgba(247,247,247,1.0)',
  },
  item: {
    padding: 10,
    fontSize: 18,
    height: 44,
  },
});

const SectionListBasics = () => {
  return (
```

Preview



My Device

iOS

Android

Web

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](#).

Is this page useful?



Edit this page

Last updated on **Jun 21, 2023**