

React Native

ScrollView

ScrollView

- The ScrollView is a generic scrolling container
- can host multiple components and views.
- The scrollable items need not be homogeneous,
- can scroll both vertically and horizontally (by setting the horizontal property).

ScrollView

- can be configured to allow paging through views using swiping gestures
 - Use `pagingEnabled` props.
 - Swiping horizontally between views can also be implemented on Android using the `ViewPagerAndroid` component.
- A `ScrollView` with a single item can be used to allow the user to zoom content.
 - Set up the `maximumZoomScale` and `minimumZoomScale` props
 - user will be able to use pinch and expand gestures to zoom in and out.
- The `ScrollView` works best to present a small amount of things of a limited size.
 - All the elements and views of a `ScrollView` are rendered, even if they are not currently shown on the screen.
 - If you have a long list of more items than can fit on the screen, you should use a `FlatList` instead.

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

export default class IScrolledDownAndWhatHappenedNextShockedMe extends Component {
  render() {
    return (
      <ScrollView>
        <Text style={{fontSize:96}}>Scroll me plz</Text>
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
        <Text style={{fontSize:96}}>If you like</Text>
        <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
      </ScrollView>
    );
  }
}
```

ScrollView example

- See Facebook tutorial at

<https://facebook.github.io/react-native/docs/using-a-scrollview>

```
<Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />

  <Text style={{fontSize:96}}>Scrolling down</Text>
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Text style={{fontSize:96}}>What's the best</Text>
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Text style={{fontSize:96}}>Framework around?</Text>
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Image source={{uri: "https://facebook.github.io/react-native/img/favicon.png", width: 64, height: 64}} />
  <Text style={{fontSize:80}}>React Native</Text>
</ScrollView>
);
}
}
```