**Scroll to the Top or Bottom of the ListView in React Native**

Here is an example to Scroll to the Top or Bottom of the ListView in React Native on the Click of Button. We have often seen this type of thing on websites where you scroll towards the button and suddenly a button pop up to take you at the top of the page. It provides a very good user experience. So here is the same example with the React Native FlatList.

1. To take you to the top of the ListView by using :

this.ListView\_Ref.scrollTo({ x: 0, y: 0, animated: true });

2. To take you to the Bottom of the ListView by using :

this.ListView\_Ref.scrollToEnd({ animated: true });



//This is an example code to Scroll Up or Down ListView on Button Click//

import React, { Component } from 'react';

//import react in our code.

import {

StyleSheet,

View,

Alert,

FlatList,

Text,

TouchableOpacity,

Image,

} from 'react-native';

//import all the components we are going to use.

export default class Mynewproject extends Component {

constructor(props) {

super(props);

//Preparing the data for the ListView

this.state = {

dataSource: [

'Chinkara',

'MotorsForce',

'MotorsIPMLHindustan',

'Mahindra',

'Reva',

'Electric',

'VehiclesMaruti',

'Suzuki',

'IndiaOpel',

'IndiaPremier',

'LtdSan',

'StormSML',

'IsuzuStandardTara',

'InternationalTata',

'Motor',

'Chinkara',

'MotorsForce',

'MotorsIPMLHindustan',

'Mahindra',

'Reva',

'Electric',

'VehiclesMaruti',

'Suzuki',

'IndiaOpel',

'IndiaPremier',

'LtdSan',

'StormSML',

'IsuzuStandardTara',

'InternationalTata',

'Motor',

]

};

}

ListViewItemSeparator = () => {

return (

<View

style={{

height: 0.5,

width: '100%',

backgroundColor: '#000',

}}

/>

);

};

GetListViewItem(rowData) {

Alert.alert(rowData);

}

upButtonHandler = () => {

//OnCLick of Up button we scrolled the list to top

this.ListView\_Ref.scrollToOffset({ offset: 0, animated: true });

};

downButtonHandler = () => {

//OnCLick of down button we scrolled the list to bottom

this.ListView\_Ref.scrollToEnd({ animated: true });

};

render() {

return (

<View style={styles.MainContainer}>

<FlatList

data={this.state.dataSource}

keyExtractor={(item, index) => index.toString()}

ItemSeparatorComponent={this.ListViewItemSeparator}

ref={(ref) => {

this.ListView\_Ref = ref;

}}

renderItem={({ item }) => (

<Text

style={styles.rowViewContainer}

onPress={this.GetListViewItem.bind(this, item)}>

{item}

</Text>

)}

/>

<TouchableOpacity

activeOpacity={0.5}

onPress={this.downButtonHandler}

style={styles.downButton}>

<Image

source={{

uri:

'https://raw.githubusercontent.com/AboutReact/sampleresource/master/arrow\_down.png',

}}

style={styles.downButtonImage}

/>

</TouchableOpacity>

<TouchableOpacity

activeOpacity={0.5}

onPress={this.upButtonHandler}

style={styles.upButton}>

<Image

source={{

uri:

'https://raw.githubusercontent.com/AboutReact/sampleresource/master/arrow\_up.png',

}}

style={styles.upButtonImage}

/>

</TouchableOpacity>

</View>

);

}

}

const styles = StyleSheet.create({

MainContainer: {

justifyContent: 'center',

flex: 1,

margin: 10,

paddingTop: 40,

},

rowViewContainer: {

fontSize: 18,

paddingRight: 10,

paddingTop: 10,

paddingBottom: 10,

},

upButton: {

position: 'absolute',

width: 50,

height: 50,

alignItems: 'center',

justifyContent: 'center',

right: 30,

bottom: 70,

},

upButtonImage: {

resizeMode: 'contain',

width: 30,

height: 30,

},

downButton: {

position: 'absolute',

width: 50,

height: 50,

alignItems: 'center',

justifyContent: 'center',

right: 30,

top: 70,

},

downButtonImage: {

resizeMode: 'contain',

width: 30,

height: 30,

},

});