Show Message for empty FlatList

Here is an example of React Native Show Message for empty FlatList. As the topic name describes we will show the Message for the empty list. We can use this while we are making a dynamic list and the data is coming from the server. After loading the data from the server we can directly set the DataSource to the list by defining the props ListEmptyComponent of FlatList. This will show the error message which you have set for the empty list but if the DataSource has some value it will render the List.

<FlatList

data={this.state.FlatListItem}

//data to render in list

renderItem={({ item }) => (

//Single Item in list

<Text style={styles.item}> {item.key} </Text>

)}

ListEmptyComponent={this.ListEmpty}

//Message to show for the Empty list

/>



//This is an example to Show Message for empty Flat List Example

import React, { Component } from 'react';

//import react in our code.

import { StyleSheet, View, FlatList, Text } from 'react-native';

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

export default class Myproject extends Component {

constructor(props) {

super(props);

this.state = {

//Making an empty array for list

FlatListItem: [],

};

}

ListEmpty = () => {

return (

//View to show when list is empty

<View style={styles.MainContainer}>

<Text style={{ textAlign: 'center' }}>No Data Found</Text>

</View>

);

};

render() {

return (

<View style={styles.MainContainer}>

<FlatList

data={this.state.FlatListItem}

//data to render in list

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

renderItem={({ item }) => (

//Single Item in list

<Text style={styles.item}> {item.key} </Text>

)}

ListEmptyComponent={this.ListEmpty}

//Message to show for the Empty list

/>

</View>

);

}

}

const styles = StyleSheet.create({

MainContainer: {

justifyContent: 'center',

flex: 1,

margin: 10,

},

item: {

padding: 10,

fontSize: 18,

height: 44,

},

});