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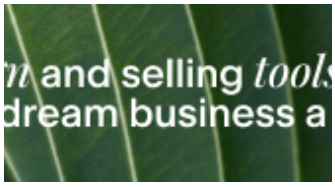

Show Array Elements in Text using MAP

admin November 13, 2017 React Native

Array is used to store multiple values in a single object in react native. Array can hold infinite values(According to your requirement) in a single variable. So in this tutorial we would going to Create and Show Array Elements in Text component using MAP function. So let's get started .

Topics cover in this tutorial :

1. Array Declaration.
2. Inserting values in Array using Manually method.
3. Showing Array Values in Text Component one by one like ListView.
4. Adding onPress-onClick method on Array Item to get its value on click event.

Contents in this project Create and Show Array Elements in Text using MAP in React Native :

1. Import **StyleSheet**, **Text**, **View** and **Alert** component in your project.

```
1 import React, { Component } from 'react';
2
3 import { StyleSheet, Text, View, Alert } from 'react-native';
```

2. Create a function named as **SampleFunction()** with **item** argument inside it. This function is used to show the selected array element on Button onPress .

```
mpleFunction=(item)=>{
```

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3. Create a Local Array inside **render's block** named as **SampleNameArray**. Now we would manually insert some values in array. I am inserting my class mates name, You can insert any data according to your requirement.

```
render() {

  var SampleNameArray = [ "Pankaj", "Rita", "Mohan", "Amit", "Babulal", "Sakshi" ];

   return (

  );
}
```

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eturn block.

```
render() {

  var SampleNameArray = [ "Pankaj", "Rita", "Mohan", "Amit", "Babulal", "Sakshi" ];

   return (
     <View style={styles.MainContainer}>


     </View>
  );
}
```

5. Finally we would print the Array values in Text Component using MAP function.

item : Represents the each item of array.

key : Represents the Item index value like 0, 1, 2.

```
render() {

  var SampleNameArray = [ "Pankaj", "Rita", "Mohan", "Amit", "Babulal", "Sakshi" ];

   return (
     <View style={styles.MainContainer}>

         { SampleNameArray.map((item, key)=>(
         <Text key={key} style={styles.TextStyle} onPress={ this.SampleFunction.bind(this, ite
         )}

     </View>
  );
}
```

6. Create Style for Root View and Text component.

```
const styles = StyleSheet.create({

 MainContainer: {
   flex: 1,
   margin: 10

 },

 TextStyle:{
   fontSize : 25,
```

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7. Complete source code for App.js File :

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

export default class App extends Component<{}> {

  SampleFunction=(item)=>{

    Alert.alert(item);

  } Anúncio removido. Saiba mais

 render() {

  var SampleNameArray = [ "Pankaj", "Rita", "Mohan", "Amit", "Babulal", "Sakshi" ];

   return (
     <View style={styles.MainContainer}>

         { SampleNameArray.map((item, key)=>(
         <Text key={key} style={styles.TextStyle} onPress={ this.SampleFunction.bind(this, ite
         )}

     </View>
   );
 }
}

const styles = StyleSheet.create({

 MainContainer: {
   flex: 1,
   margin: 10

 },

 TextStyle:{
   fontSize : 25,
    textAlign: 'center'
 }

});
```

Screenshot in Android device :

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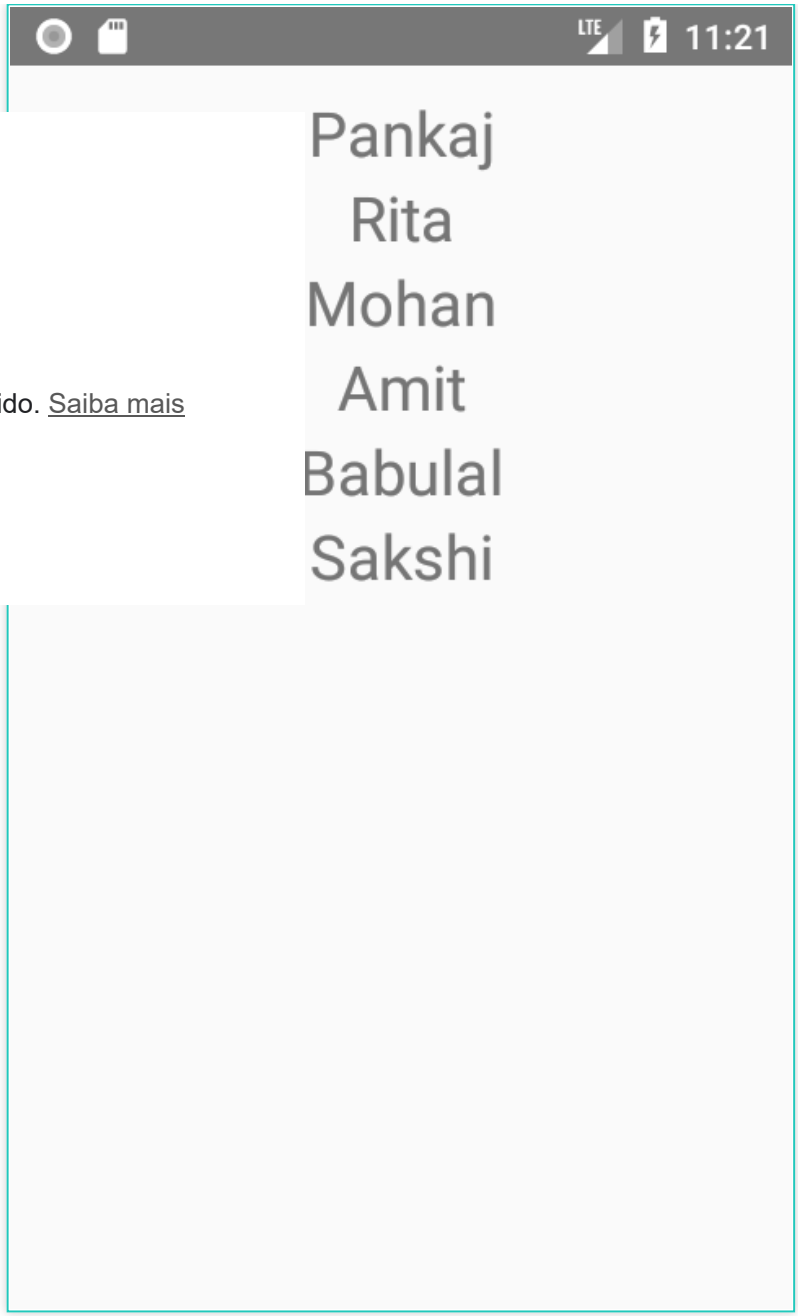

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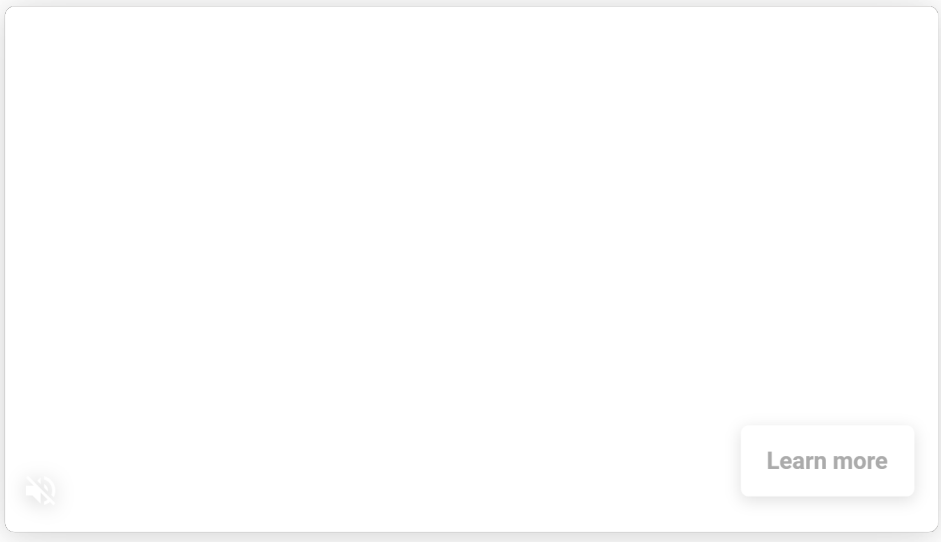

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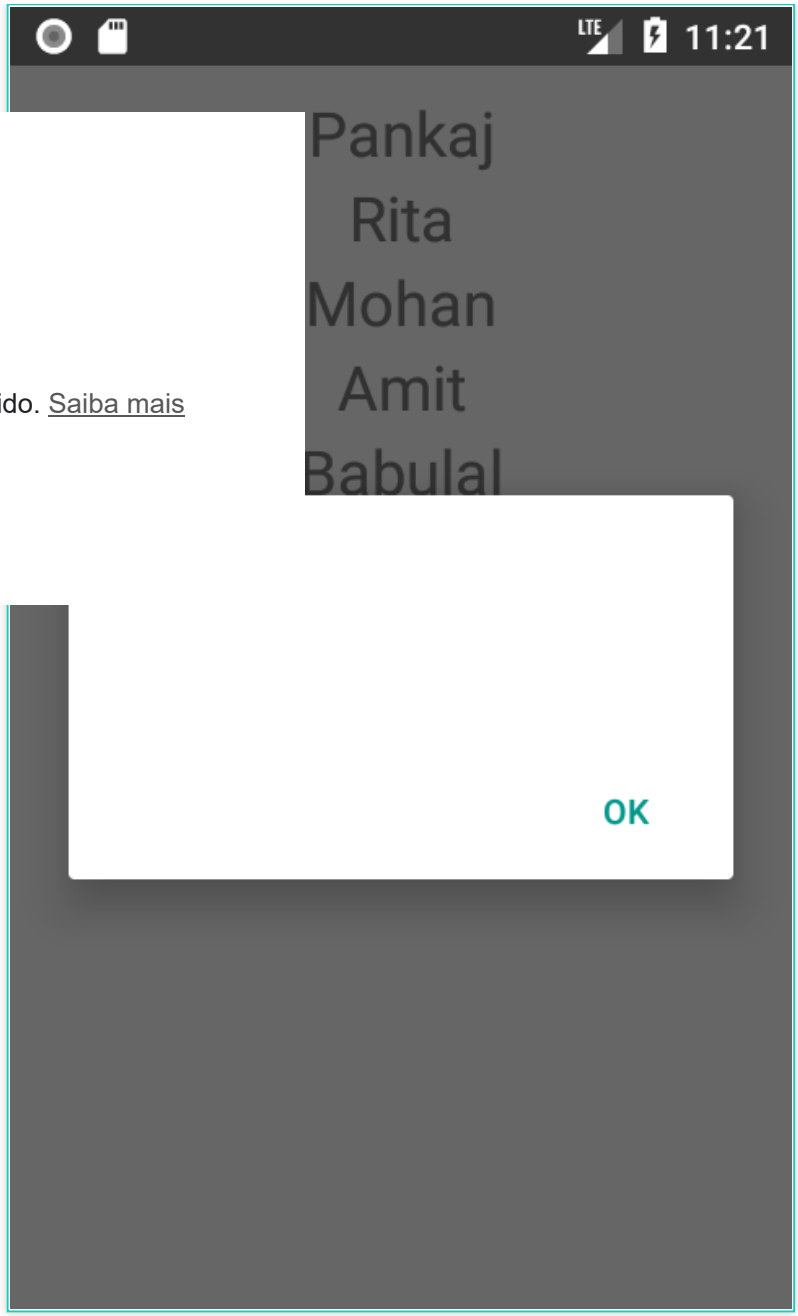

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Screenshot in iOS device :

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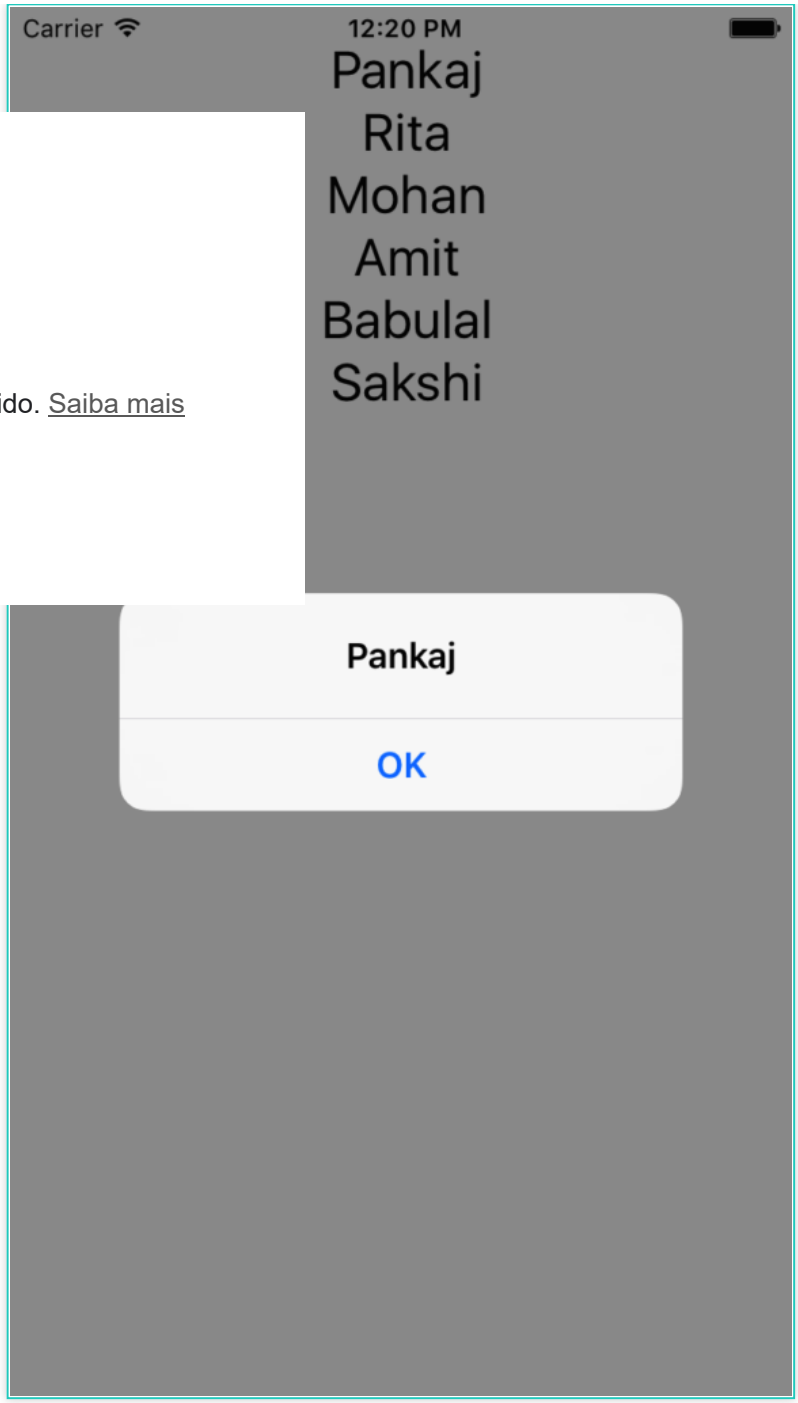

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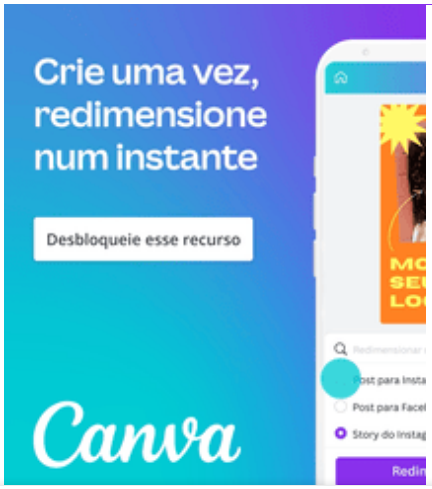

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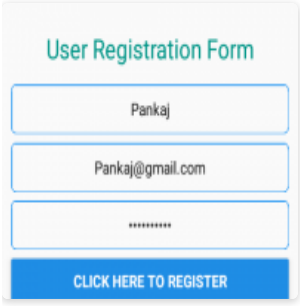

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11 Comments

Taha
December 22, 2017 at 9:17 pm

Hi,

How i can access only 1 item for example i want to only show the 3rd item in the array.

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admin

December 23, 2017 at 4:12 am

ampleNameArray[2] .Array index starts from 0 so here 2 means

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thanks a lot finally it works ^_^

Reply

admin

January 11, 2018 at 4:48 am

Welcome .

Reply

cesar

November 12, 2018 at 1:55 am

How can i render an array of objects ?

Reply

admin

November 12, 2018 at 1:38 pm

Cesar you can render the array of object like

```
var SampleNameArray = [ {firstName:"John", lastName:"Doe", age:46} ];
```

now to popup the items use this :

```
{SampleNameArray.map((item, key)=>(
```

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Reply

on is too big and in iphone devices fetch command takes no

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ve function and now I'm able to get the data. when calling this
e returned array has the right elements and can be logged with
ray. even it can not be logged directly but when I use ' '+data the
,…

would you please help me in this?

Reply

adc

August 8, 2019 at 7:01 am

how to get item data from array to dropdown

Reply

prasad Angara

August 9, 2019 at 4:36 am

How to set images in array ? and how to display two different images side . by side?could you please help me

Reply

admin

August 9, 2019 at 3:11 pm

Prasad you want to display image in array using HTTP URL ? Please tell me ?

Reply

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anyone can help me how we can display multiple view using , array for loop in react native

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