

Lesson 4: Exploring React Native

Creating a Component

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React Native Quickstart

Lesson Outline

1. Creating a basic Button
2. Making our Button a reusable Component

Creating a basic Button

Adding a button to a page

We'll now be working on `./src/pages/Home.jsx` to make a button and `./src/styles/global.js` to style the button.

Adding a button to a page (cont.)

In `./src/pages/Home.jsx` we will now make a basic button. First, let's bring in `Pressable` from `'react-native'` as such:

```
import {View, Text, Pressable} from 'react-native'
```

Adding a button to a page (cont.)

Then, let's replace our existing `<Text>` with a `<Pressable>` and a `<Text>` child as such:

```
return (  
  <View style={globalStyles.container}>  
  
    <Pressable>  
      <View>  
        <Text>Press me!</Text>  
      </View>  
    </Pressable>  
  
  </View>  
)
```

Styling our Button

Let's now style our button in `./src/styles/global.js`!

```
publishButton: {  
  backgroundColor: "black",  
  borderRadius: 15,  
  marginLeft: 20,  
  marginRight: 20,  
  marginBottom: 50  
},
```

Styling our Button (cont.)

Let's now style our button in `./src/styles/global.js`!

```
button: {  
  backgroundColor: "pink",  
  padding: 8,  
  borderRadius: 8,  
},
```


Styling our Button (cont.)

Now, let's use the style in `.src/pages/Home.jsx`.

```
return (  
  <View style={globalStyles.container}>  
    <Pressable>  
      <View style={globalStyles.button}>  
        <Text>Press me!</Text>  
      </View>  
    </Pressable>  
  </View>  
)
```

Giving our button functionality

To give our button functionality, we have to edit our `<Pressable>`.

```
return (  
  <View style={globalStyles.container}>  
    <Pressable onPress={()=>{console.log("Button pressed!")}}>  
      <View style={globalStyles.button}>  
        <Text>Press me!</Text>  
      </View>  
    </Pressable>  
  </View>  
)
```

Making our Button a reusable Component

Why do we need reusable components?

If you need multiple Buttons in multiple pages, we're not going to copy/paste the same code several times.

Instead, we'll make it into an easily reusable Component.

Making a component file

In `./src/components/`, create a file called `button.jsx`.

```
import React from 'react'
import {View, Text, Pressable} from 'react-native'
import globalStyles from "../styles/globalStyles";

const Button = ({onPress}) => {
  return (
    <Pressable onPress={onPress}>
      <View style={globalStyles.button}>
        <Text>Press me!</Text>
      </View>
    </Pressable>
  )
}

export default Button
```

Using our component

Back in `./src/pages/Home.jsx`, import our newly created `Button`.

```
import Button from '../components/Button'

const Home = () => {
  return (
    <View style={globalStyles.container}>
      <Button onPress={() => {console.log("Button pressed!")}} />
    </View>
  )
}
```

End of Lesson

Questions? Reach out at: karlorjalo@gmail.com