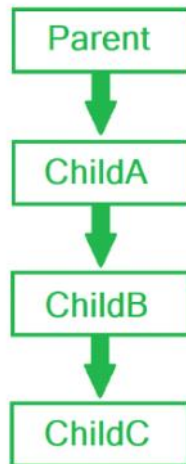# Day 12 : props drilling in react,Context,Material Ui installation

26 December 2022   08:02 PM

What is Prop Drilling?

Prop drilling is basically a situation when the same data is being sent at almost every level due to requirements in the final level

There are four steps to using React context:

1. Create context using the createContext method.

```
const messageContext = React.createContext()
```

2. Take your created context and wrap the context provider around your component tree.

```
<messageContext.Provider value={this.state.message}>
          <Parent/>
 </messageContext.Provider>
```

3. Put any value you like on your context provider using the value prop.

4. Read that value within any component by using the context consumer.

```
<messageContext.Consumer>
            {value=><h1>{value}</h1>}
            {/* prints: Reed */}
 </messageContext.Consumer>
```

Material Ui installation

npm install @mui/material @emotion/react @emotion/styled
npm install @mui/icons-material
npm install @mui/material @mui/styled-engine-sc styled-components
npm install @mui/icons-material
npm install @mui/icons-material