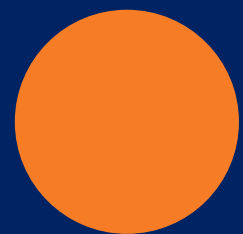




Props ?



COMPONENTS NEED TO COMMUNICATE (SEND DATA TO EACH OTHER) AND THE WAY TO PASS DATA BETWEEN COMPONENTS IS BY USING **PROPS**.

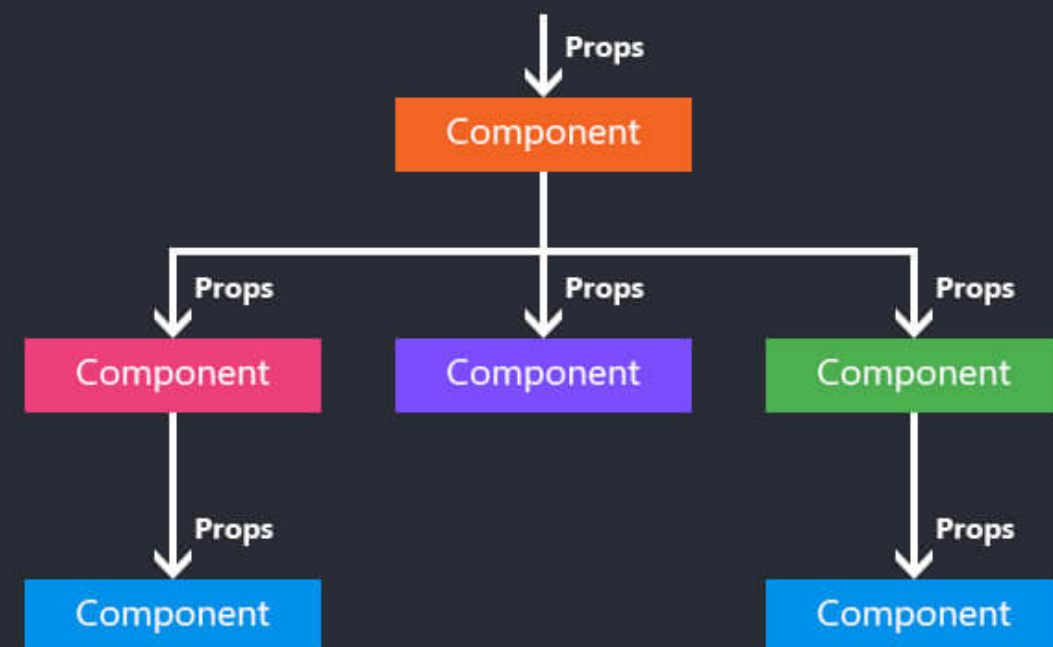


“**PROPS**” IS A SPECIAL KEYWORD IN REACT, WHICH STANDS FOR PROPERTIES AND IS BEING USED FOR PASSING DATA FROM ONE COMPONENT TO ANOTHER.



FURTHERMORE, **PROPS** DATA IS READ-ONLY, WHICH MEANS THAT DATA COMING FROM THE PARENT SHOULD NOT BE CHANGED BY CHILD COMPONENTS

Understanding ReactJS Props



01

We use props in React to pass data from one component to another (from a parent component to a child component(s))

02

Props is just a shorter way of saying properties.

03

They are useful when you want the flow of data in your app to be dynamic

A Simple Guide to Props in React

JSX

```
<MyComponent  
  prop="My Value"  
>
```

Component

```
function MyComponent({ prop }) {  
  return <span>{prop}</span>;  
}
```

Output

```
<span>My Value</span>
```

```
function Child(props) {  
  return <h1>I am a {props.gender}</h1>  
}
```



```
function Parent() {  
  return (  
    <div>  
      <Child gender="boy" />  
      <Child gender="girl" />  
    </div>  
  )  
}
```