

## Concepts in Focus

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## 1. Third-Party Package `reactjs-popup`

NPM contains a **reactjs-popup**, a third-party package to display popup in your application.

It provides a React component that helps you create simple and complex **Modals**, **Tooltips**, and **Menus** for your application.

### Installation Command:

```
1 npm install reactjs-popup
```

### 1.1 Advantages

- ReactJS provides Modal, Tooltip, and Menu
- Provides Support for controlled Modals & Tooltips

## 2. ReactJS Popup Props

We can provide different props to the ReactJS **Popup** component. Below are some of the most commonly used props.

Prop	Description	Default Value
trigger	Represents the element to be rendered in-place where the Popup is defined	JSX element
modal	When set to true, Popup content will be displayed as a modal on the trigger of Popup. If not tooltip will be displayed	false
position	Defines the position of the tooltip. It can be one of 'top left', 'top right', 'bottom right', 'bottom left'	bottom center
open	Defines the state of Popup. Whether it is opened or not	false
overlayStyle	Custom overlay style	object

2.1 trigger Prop

**File:** src/components/ReactPopup/index.js

```
1  import Popup from 'reactjs-popup'
2
3  import 'reactjs-popup/dist/index.css'
4
5  import './index.css'
6
7  const ReactPopUp = () => (
8    <div className="popup-container">
9      <Popup
10        trigger={
11          <button className="trigger-button" type="button">
12            Trigger
13          </button>
14        }
15      >
16      <div>
17        <!-- React is a popular and widely used programming language -->
```

JSX

```

17     <p>react is a popular and widely used programming language</p>
18   </div>
19 </Popup>
20 </div>
21 )
22 export default ReactPopUp

```

Collapse ^

**File:** src/components/ReactPopup/index.css

```

1 1 .trigger-button {
2   font-size: 16px;
3   font-weight: 400;
4   font-family: 'Roboto';
5   color: white;
6   padding: 8px 15px 8px 15px;
7   margin: 8px;
8   background-color: #7c69e9;
9   border: none;
10  border-radius: 4px;
11  outline: none;
12 }
13 1 .popup-container {
14   display: flex;
15   align-items: center;
16   justify-content: center;
17   height: 100vh;
18 }

```

CSS

Collapse ^

**File:** src/App.js

```

1  import ReactPopUp from './components/ReactPopup'
2
3  const App = () => {
4    return <ReactPopUp />

```

JSX

```
5   }  
6   export default App
```

#### Note

The value of the **trigger** prop should be a JSX element.

### 2.2 modal Prop

**File:** src/components/ReactPopup/index.js

```
1  const ReactPopUp = () => (  
2    <div className="popup-container">  
3      <Popup  
4        modal  
5        trigger={  
6          <button type="button" className="trigger-button">  
7            Trigger  
8          </button>  
9        }  
10     >  
11       <p>React is a popular and widely used programming language</p>  
12     </Popup>  
13   </div>  
14 )  
15 export default ReactPopUp
```

JSX

Collapse ^

### 2.3 modal Prop with close button

**File:** src/components/ReactPopup/index.js

```
1  const ReactPopUp = () => (  
2    <div className="popup-container">  
3      <Popup  
4        modal  
5        trigger={  
6          <button type="button" className="trigger-button">  
7            Trigger  
8          </button>  
9        }  
10     >  
11     {close => (  
12       <>  
13         <div>  
14           <p>React is a popular and widely used programming language</p>  
15         </div>  
16         <button  
17           type="button"  
18           className="trigger-button"  
19           onClick={() => close()}  
20         >  
21           Close  
22         </button>  
23       </>  
24     )}  
25   </Popup>  
26 </div>  
27 )  
28 export default ReactPopUp
```



## 2.4 position Prop

**File:** src/components/ReactPopup/index.js

```
1
2 ▾ const ReactPopUp = () => (
3   <div className="popup-container">
4     <Popup
5   ▾   trigger={
6       <button type="button" className="trigger-button">
7         Trigger
8       </button>
9     }
10    position="bottom left"
11  >
12    <p>React is a popular and widely used programming language</p>
13  </Popup>
```

JSX

```
13     </Popup>
14   </div>
15 )
16 export default ReactPopUp
```

Collapse ^

Trigger

## 2.5 overlayStyle Prop

**File:** src/components/ReactPopup/index.js

```
1
2 ▾ const overlayStyles = {
3   backgroundColor: '#fff',
4 }
5 ▾ const ReactPopUp = () => (
6   <div className="popup-container">
7     <Popup
8       modal
9       trigger={
```

JSX

```
9   trigger={
10     <button type="button" className="trigger-button">
11       Trigger
12     </button>
13   }
14   overlayStyle={overlayStyles}
15 >
16   <p>React is a popular and widely used programming language</p>
17 </Popup>
18 </div>
19 )
20 export default ReactPopUp
```

Collapse ^



Trigger

## Reference



To know more about the

`reactjs-popup` , you can refer to [this](#).



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