

# React Redux Cheatsheet

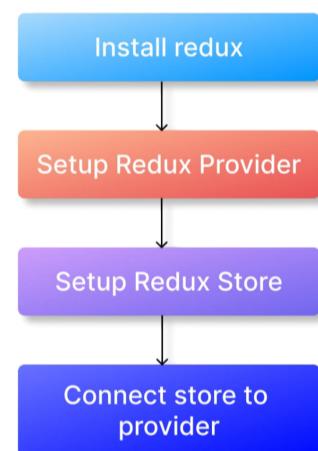
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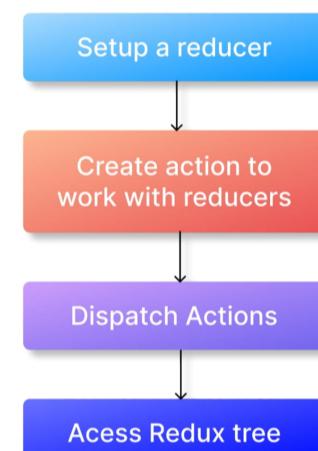
## Overview

Redux is a library that holds your application state in a place that is globally accessible so that your application components can directly access the data from that global place, instead of you manually passing data throughout all the components.

### SETUP FLOW



### WORK FLOW



## Redux Setup

### Installing

```
npm i redux react-redux
```

OR

```
yarn add redux react-redux
```

### Setup Redux Provider index.js file

```

import { Provider } from "react-redux";
ReactDOM.render(
  <React.StrictMode>
    <Provider>
      <App />
    </Provider>
  </React.StrictMode>,
  document.getElementById("root")
);
  
```

Redux provides a wrapper called **Provider**. You must wrap it around your whole application and index.js in the best place to do it.

### Setup Redux Store redux/store.js

```

import { createStore } from "redux";
import rootReducer from "./reducer/rootReducer";
const store = createStore(rootReducer);
export default store;
  
```

### Connect store to provider index.js file

```

import { Provider } from "react-redux";
// Redux Store
import store from "./Redux/store";
ReactDOM.render(
  <React.StrictMode>
    <Provider store={store}>
      <App />
    </Provider>
  </React.StrictMode>,
  document.getElementById("root")
);
  
```

How after setting up the store pass the store to the Provider in index.js file

1 2

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