

# react-redux

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## react-redux

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## 课堂目标

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1. 掌握react-redux

## 资源

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1. [react-redux](#)

## 知识要点

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## 安装

```
npm install react-redux --save
```

## 使用react-redux

react-redux提供了两个api

1. Provider 为后代组件提供store
2. connect 为组件提供数据和变更方法

全局提供store, index.js

```

import React from 'react'
import ReactDOM from 'react-dom'
import App from './App'
import store from './store/'
import { Provider } from 'react-redux'

ReactDOM.render(
  <Provider store={store}>
    <App/>
  </Provider>,
  document.querySelector('#root')
)

```

获取状态数据, ReactReduxPage.js

```

import React, { Component } from "react";
import { connect } from "react-redux";

class ReactReduxPage extends Component {
  render() {
    const { num, add, minus } = this.props;
    return (
      <div>
        <h1>ReactReduxPage</h1>
        <p>{num}</p>
        <button onClick={add}>add</button>
        <button onClick={minus}>minus</button>
      </div>
    );
  }
}

const mapStateToProps = state => {
  return {
    num: state,
  };
};

const mapDispatchToProps = {
  add: () => {
    return { type: "add" };
  },
  minus: () => {
    return { type: "minus" };
  }
};

export default connect(

```

```
mapStateToProps, //状态映射 mapStateToProps  
mapDispatchToProps, //派发事件映射  
) (ReactReduxPage);
```

connect中的参数：state映射和事件映射

