

```
import React from 'react';
import { render as r } from 'react-dom';
import { createStore } from 'redux';
import { Provider } from 'react-redux';
import taskReducer from './reducers';
import App from './App';

const store = createStore(taskReducer);

r(
  <Provider store={store}><App /></Provider>,
  document.querySelector('.cont'),
);

export { store };
```

```
import React from 'react';
import uuidv4 from 'uuid/v4';

import { store } from './index'; // прикольно что index импортирует App
import addTask from './actions';

export default class App extends React.Component {
  constructor() {
    super();
    this.initList();
    store.subscribe(() => {
      this.initList();
      this.forceUpdate(); // просто для демо, чтобы видеть как работает
    });
  }
  initList() {
    this.list = store.getState().list;
  }
  addTask() {
    store.dispatch(addTask(this.task.value));
  }
  render() {
    return (
      <div>
        <ol>{this.list.map(v => <li key={uuidv4()}>{v}</li>)}</ol>
        <input defaultValue="новое" ref={ref => this.task = ref} />
        <button onClick={::this.addTask}>Добавить</button>
      </div>
    );
  }
}
```

```
export const ADD_TASK = Symbol();

export default function addTask(item) {
  return ({
    type: ADD_TASK,
    payload: item,
  });
}
```

```
import { ADD_TASK } from './actions';

const initialState = { list: ['первое', 'второе'] };
export default function taskReducer(state = initialState, action) {
  switch (action.type) {
    case ADD_TASK: {
      const list = [...state.list, action.payload];
      return { ...state, list };
      // return Object.assign({}, state, { list });
    }
    default:
      return state;
  }
}
```