>md reactApp

>cd reactApp

>npm install

>npm start

open browser in localhost:3000

package.json

{

"name": "counter",

"version": "0.0.1",

"private": true,

"devDependencies": {

"react-scripts": "^1.0.2",

"react-test-renderer": "^15.6.1"

},

"dependencies": {

"prop-types": "^15.5.10",

"react": "^15.5.0",

"react-dom": "^15.5.0",

"react-redux": "^5.0.5",

"redux": "^3.5.2"

},

"scripts": {

"start": "react-scripts start",

"build": "react-scripts build",

"eject": "react-scripts eject",

"test": "react-scripts test"

}

}

===================index.js in src folder

import React from 'react'

import ReactDOM from 'react-dom'

import { createStore } from 'redux'

import Counter from './components/Counter'

import counter from './reducers'

const store = createStore(counter)

const render = () => ReactDOM.render(

<Counter

value={store.getState()}

onIncrement={() => store.dispatch({ type: 'INCREMENT' })}

onDecrement={() => store.dispatch({ type: 'DECREMENT' })}

/>,

document.getElementById('root')

)

render()

store.subscribe(render)

=============================Counter.js in src/components folder

import React, { Component } from 'react'

import PropTypes from 'prop-types'

class Counter extends Component {

render() {

const { value, onIncrement, onDecrement } = this.props

return (

<p> Clicked: {value} times {' '}

<button onClick={onIncrement}> + </button>

{' '}

<button onClick={onDecrement}> - </button>

</p>

)

}

}

export default Counter

=======================================index.js in src/reducers folder

export default (state = 0, action) => {

switch (action.type) {

case 'INCREMENT':

return state + 1

case 'DECREMENT':

return state - 1

default:

return state

}

}

===================================index.html in public folder

<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Redux Counter Example</title>

</head>

<body>

<div id="root"></div>

</body>

</html>