**MIDDLEWARE ve REDUX EXTENSION**

BASIC SETUP

Sadece asagida windows ile baslayan satiri reducer a ekle

const store = createStore(

  reducer,

  window.\_\_REDUX\_DEVTOOLS\_EXTENSION\_\_ && window.\_\_REDUX\_DEVTOOLS\_EXTENSION\_\_()

);

ADVANCED SETUP

import React from "react";

import ReactDOM from "react-dom";

import { Provider } from "react-redux";

import { createStore, combineReducers, applyMiddleware, compose } from "redux";

…

const rootReducer = combineReducers({

  ctr: counterReducer,

  res: resultReducer

});

---MIDDLEWARE---

const logger = store => {

  return next => {

    return action => {

      console.log("[Middleware] Dispatching", action);

      const result = next(action);

      console.log("[Middleware] next state", store.getState());

      console.log(result);

      return result;

    };

  };

};

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---REDUX EXTENSION---

const composeEnchancers =

  window.\_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_ || compose;

const store = createStore(

  rootReducer,

**+Middleware’I redux extension a bagliyoruz.**

**+Istersek , virgul birakip logger yanina baska middleware lerde ekleyebiliriz.**

  composeEnchancers(applyMiddleware(logger))

);

…

Redux Extension Page

<https://github.com/zalmoxisus/redux-devtools-extension>

**Redux-Thunk**

redux-thunk ‘u yukle ve istedigin isimle asagidaki gibi import et.Yani thunk yerine hersey yazabilirsiniz.

import thunk from "redux-thunk";

daha sonra middleware e ekle

composeEnchancers(applyMiddleware(logger, thunk))

Artik actions ‘da object donmek zorunda degiliz redux-thunk ile buralarda artik fonksiyonda donebiliriz. Ornek

Redux-Thunk Olmadan bu sekilde Obje doner ORJINALI

export const subtract = value => {

  return {

    type: SUBTRACT,

    val: value

  };

};

Redux-Thunk ile

export const saveResult = res => {

  return {

    type: STORE\_RESULT,

    result: res

  };

};

export const storeResult = res => {

  return dispatch => {

    setTimeout(() => {

      dispatch(saveResult(res));

    }, 2000);

  };

};

**HINTS**

Eger sadece dispatch i kullanacaksaniz state i kullanmayacaksaniz state yerine null gecmek ve dispatch i her zaman 2. Olarak kullanmak zorundasiniz.

export default connect(null, mapDispatchToProps)(Checkout);