

Redun Toolkist. [RTY].
is RTIX is the official, recommended way to write Rodem logic.
-> CREATING A SLICE.
TODOS. # Uning REDUX WITH REACT
Using REDUX WITH REACT.
PROVIDER COMPONENT
coraps your app to make the Stoore available.
use Selection Hook :-
is expracts close from the oredin stookstate.
use Dis partie Hook. Co Restur a reference to the disposet func.
Async. Logic coîter Redern Poolkit.
Coneate AsyncThunk => Handles async. operations and Generales action types auto
TRON PROMICCOON
-> use Reduse Poolkit Instead of legacy recours.
-> Keeb 24096 Wooman, Sig (anoya virgia anoya).
- Use Selector functions to access state.
base and a suno & oldo effect Dree
> soon't put non- Se vializable value in state (functions).
> Handle Async. Logic with oreale Async Thunk.
Priest. Redux Poolfeit - TODO.
is Installation 3- 92 is Reduce Toolkit.

1) configure Stone (): wonaps create Stone to provide simplified configuration options and good defaults. 3+ can auto combine your slice reducers, adds what ever a middleware you supply, includes oredun-thunk by default and enables use of the Redun Deut col Entertion.

er create Reducer(): that lets you supply a bookup table of action type to care oreduces functions, norther than withy suffer stadements. In addition it outo used finnes lib. to let you write simple immutable applates mitte normal mutative code like of state. todos [3]. completed = starl }

Lo use slice in reducers.

37 stire is a bigger version of reducer.

4) oredness is a functionality by reduced Reduce.

er Action: Plain Is object that describes what happened. They must have a type property. const add Podo = {

type: 'ADD-TODO',

psyload: { action

dert: learn Redun?

6> Action (readors: func. that creature returns action objects cong et add Todo = (Herd) => ({ Hype: 'ADD_TODO', y): Paywood: fid: Dote. now(), Heart)

```
47 Reducess 8-
  Pare function - that takes consent State and
               an action, then newlate.
              This is core Redun concept.
 Traditional reducer 3-
 Const todosReducer = (state= [], action) =) of
                            ( ) to real the transfer
     Swite & (action type) [
        Case 'ADD_TODO':
            oreturn [... State, action.payland];
           couse (REMOUS-TODO':
               return state. filder ((todo)=>(
            Lodo. ?d !== action. pay(cood.id);
           default
        ; state;
 7) Dispatch:
   This method is used to Send actions to the Store.
   Store. disport (add Todo ('leven Redun'));
. But these were used Eastier
  In Reduse Toolkit - use Modern Approach
    Grove oreste slice and Store
     Agre How? Page D.
```

[3406 1.9] Elest just all the coope Cipraent of @ rem install @orederni/ toolkit 9040 6602 Redus-tookit-is.08999 coller reduse-tookit. nom install neast-nedern. what is included? @ create Action () (19 rook2 surgit nos () (v) create Slice(). (1) create Reducer () (VI) crease Async Thunkes (v) combines Slice() (VIII) create Selector. (un) coneate Entity Adapt on it is attend from the Reselect library, ne-empossed for ease of use. Stier) under sonc create folder-sapp Los /app/ Stoore. is your central stoore. (Process) Stoore. js

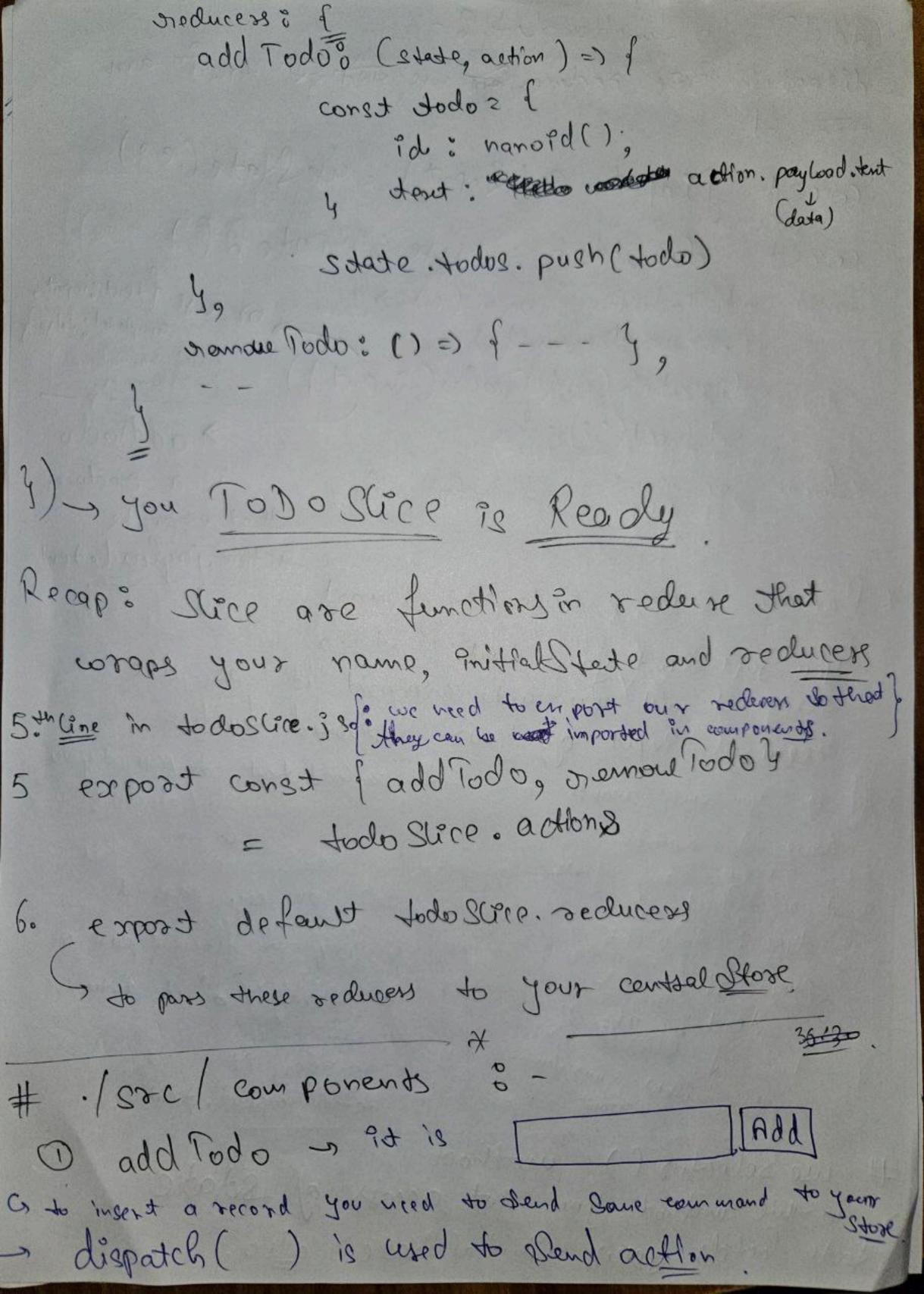
Purposit (configure Store) from ' @ redux 6s / toolkit! impost tode Reduces from C. / features/tode /todessice?; export const Store = configureStore (f y) reducer: Lodo Reducer

Create Reducers sue call them stices (reducers and) · 1 Stc/features/todo/todoStice.js 1 impost l'creades Cièce, namoid y from (Q-f-1, generates nandom éd's (for users)

generates nandom éd's (for users) e statellaitins temos [y" blecow ollsH": txst, t: bi]: 20bot Hakes arrown 11 use createstice () method to create a stire.

11 use createstice () method to create a stire. : State sactions return new state, exposit const todo Stirce - create Stice (& 11 name is a property in RTK. name: etodo? steb 2 lott in? 11 there is always an inithallitate isles ander ore ducers: & Il property & function or add Todo: (State, action) = (Costate, openion) appoind hota (deta) Fired Rai gives you arress Regwords. En puts passed state latting goes under yes the custers state actions.

of your hithalised obj-



Add Todo functional/ty?
Add Todo functional/ty?
dispatch later deducer and we and great aren

aren

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aren const l'input, set Input) = use State (e?) const dispatch = we Dispatch () const add Todo Handler = (e) => of use of text : input,
e. perevent Default()

(used when multiple) dispatch (add Todo (in put)) (used when multiple) Set Inpet (()); } > addododo is a Freduces f relloue HoboT blos? = timede2 vo that expects artion, payload . Fent * Redun is very automotive & smart You just dent your tent if it is a bs the String it will also auto interpret it required input of your destinated function det eg you ture voorts a action, pay load. Hent to pass it your hous doption const action Object = { Do you can pass it type: etodotent? directly -s directly pass a payload : of "abc.."

y y 1 n ostring o it auto this is report your func. consider it as action, payload, tent the Selector () method > in this method you get acress of state State holds your ?vittal Itale also.

Eaport art the told to passe not me todos you will need to acress State. Correct all Todos = use Selector ((State)=> (State. todos)); geton the first of todas. const dispatch = we Dispotch (); this is our dispatch function. - 8 x22 poiser lles teil of coot early todo early todo. < div > Todos < Idio> 4+odos. map((+odo) → (Lli key = & todo.id's> e trote obot & Sub-ton
 on Click = of () => die porte (onanae Todo (todo. od))) X

X

/ button > . Nolo. 2 abot / Hus noque). 417 you have your Components Ready which you will render in your app. isn < add to do 1> follos (coay) your Components must be waapped en (proofder) Purposit d'Provider y from react-oredun? Parisal forcots/qqp/. I stooke? I stooke?

You wood to was pyou comporents
whenever you want - app.jon wain. jon

coateRood (document. getElementBy Id (100d)).

Drender (

< Provider Stone = { Stone} >

< Appl>
</Provider>

Project 2 on Reduct StateManagement