Redux

vs

Redux-toolkit

Redux Package

Official Website

https://redux.js.org/

Package

npm install redux

Redux-Toolkit Package

Official Website

https://redux-toolkit.js.org

Package

npm install @reduxjs/toolkit

Redux Package

You have to configure
Redux DevTool Extension explicitly

Redux-Toolkit Package

It provides automatic support for
Redux DevTools Extension.

Redux Package

Immutable state update was there, so we must learn about Immutable state update before using it

Redux-Toolkit Package

It provides the support for **Immer.js** library which under the hook changes the code immutably, we simply need to return mutable state

@nishasingla05

Redux Package

No built in caching mechanism

Redux-Toolkit Package

RTK Query is an optional addon included in the Redux Toolkit package
 RTK Query is a powerful data fetching and caching tool.

Redux Package

Need to create reducers and creators separately - **lots of boilerplate code**

Redux-Toolkit Package

A **createSlice**() function that comes in handy to replace create action and create Reducer functions with a single function

Redux Package

Lots of code need to write to handle asynchronous requests and handling error code was also manual

Redux-Toolkit Package

createAsyncThunk to make asynchronous requests and handling error codes are very clean(follow promise pattern)

Redux Package

middleware need to explicitly configured in store

Redux-Toolkit Package

Configuring a Redux store is much easier and built in support of middleware

Redux Package

Class Based Implementation

Redux-Toolkit Package

Functional Implementation with Typescript and supports of Hooks

Hope you liked it.

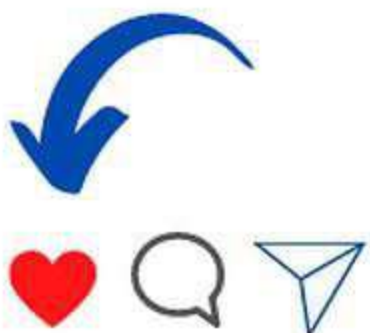**Nisha Singla | Web Developer | Instructor**

Teaching is my passion so just following that by sharing my knowledge

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Save it for later