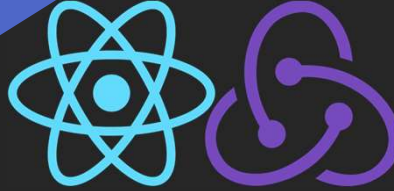




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Redux Toolkit

Crash Course

Prerequisites

You should be familiar with:

- JavaScript
- ReactJS basics such as State, Props, Components etc.,
- Redux core concepts like store, actions, reducers etc.,



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- **Redux Toolkit Introduction**
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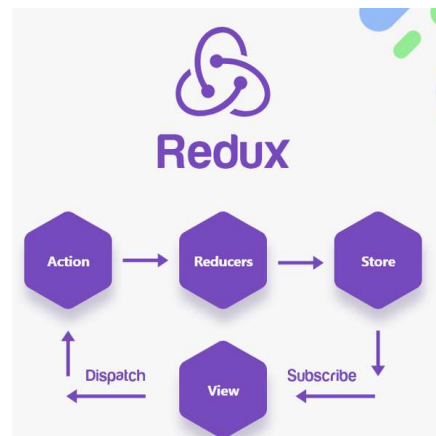


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Redux Toolkit Introduction

- The Redux Toolkit package is intended to be the **standard way to write Redux logic**.
- It was originally created to help address three common concerns about Redux:
 1. Configuring a Redux store is too complicated.
 2. I have to add a lot of packages to get Redux to do anything useful.
 3. Redux requires too much boilerplate code.
- Official Website: <https://redux-toolkit.js.org/>



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Redux Core Concepts

1.Store

2.Action

3.Reducer

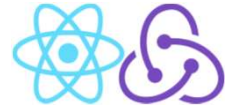
Example:

Let's take a shop where customers can buy laptops, mobiles, adapters etc.,

1. Shop = **Store**
2. A Customer wanted to BUY_LAPTOP = **Action**
3. Laptop Seller = **Reducer**



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Redux Toolkit Practical

❖ For New Project:

➤ **npx create-react-app my-app --template redux**

❖ For Existing Apps:

➤ **npm install @reduxjs/toolkit react-redux**



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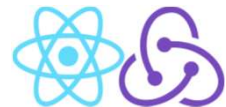


Async Operations

- If you want to do some async operations as actions which usually takes sometime to give output, then we can use **redux-thunk** as middleware, which is available by default in redux toolkit.



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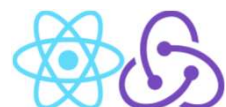


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Thank you for watching

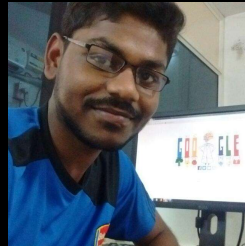


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