



React – Applying Redux

Assignment

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1.What is Redux?

Redux is an open-source JavaScript library used to manage application state. React uses Redux for building the user interface.

2. What is Redux Thunk used for?

Redux Thunk middleware allows you to write action creators that return a function instead of an action. The thunk can be used to delay the dispatch of an action, or to dispatch only if a certain condition is met. The inner function receives the store methods dispatch and getState as parameters.

3. What is Pure Component? When to use Pure Component over Component?

It is the type of component which re-renders only when the props passed to it changes and not even if its parent component re-renders or if the shouldComponentUpdate() method is called. It is greatly used to enhance the performance of a web application.

4. What is the second argument that can optionally be passed to setState and what is its purpose?

The second argument that can optionally be passed to setState is a **callback function** which gets called immediately after the setState is completed and the components get re-rendered.