

Module 5 (React Js – Redux)

1: What is Redux?

Ans .

Redux is an open-source JavaScript library for managing and centralizing application states. It is most commonly used with libraries such as React or Angular for building user interfaces. Similar to Facebook's Flux architecture, it was created by Dan Abramov and Andrew Clark.

2: What is Redux Thunk used for?

Ans.

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 PureComponent? When to use PureComponent over Component?

Ans.

It is the type of component that 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 extensively 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?

Ans.

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