

# React – Applying Redux

## 1).What is Redux?

**Ans.:-** Redux is a predictable state container designed to help you write JavaScript apps that behave consistently across client, server, and native environment, and are easy to test.

## 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 Pure Component? When to use pure Component over Component?

**Ans.:-** A React component is considered pure if it renders the same output for the same state and props. For this type of class component, React provides the PureComponent base class. Class components that extend the React.PureComponent class are treated as pure components.

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

**Ans.:-** The second parameter to setState() is an optional callback function that will be executed once setState is completed and the component is re-rendered. componentDidUpdate should be used instead to apply such logic in most cases. You may directly pass an object as the first argument to setState instead of a function.

## 5).Create Login registration with CRUD Application using API (Redux)?

**Ans.:-** [https://github.com/jayminnai/redux\\_demo](https://github.com/jayminnai/redux_demo)