# Module-7) React - Applying Redux

• What is Redux?

Redux is simply a store to store the state of the variables in your app. Redux creates a process and procedures to interact with the store so that components will not just update or read the store randomly. Similar to the bank. It does not mean because you have money in the bank that you can go anytime, open the vault, and take money. You have to go through certain steps to withdrawal money.

In the rest of the article, I will show how to create a Redux Hello World to explain how Redux works before adding it to React.

What is Redux Thunk used for?

Redux Thunk is a middleware that lets you call action creators that return a function instead of an action object. That function receives the store’s dispatch method, which is then used to dispatch regular synchronous actions inside the function’s body once the asynchronous operations have been completed.

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