useEffect(()=> {

},[depedentvariables])

This is react hook which called when component get loaded.

create-react-app react-use-effect-demo

App.js

Parent name -🡪 Akash

Props

Child1 Child2 Child3

Props

Child4 Child5

Props

Child6 Child7

Child8 props

React JS provide context api

Context api a way to pass the data through the component tree without having to pass props down manually at every level.

To achieve context api concept we can use createContext() hook. This hook help us to create reference of context.

useContext(ContextReference): this hook is use to access the state variable value from parent components.

create-react-app context-api-demo

Redux : Redux is state management tool. Redux also known as predictable state container tool for JavaScript or react.

Redux is third party library which help to make global state variable.

Using redux we can make our local variable as global variable. To make this variable as global variable

Redux provide features as store. If we keep all variable inside redux store those variable consider as global variable.

First we need to install redux library then we need to configure our store.

To access those variable from store react provide another hook as useSelector() which help to access value from store.

We can access store variable in every component. No need to keep the track about component relationship.

Reducer : reducer is a pure JavaScript function which takes two parameter

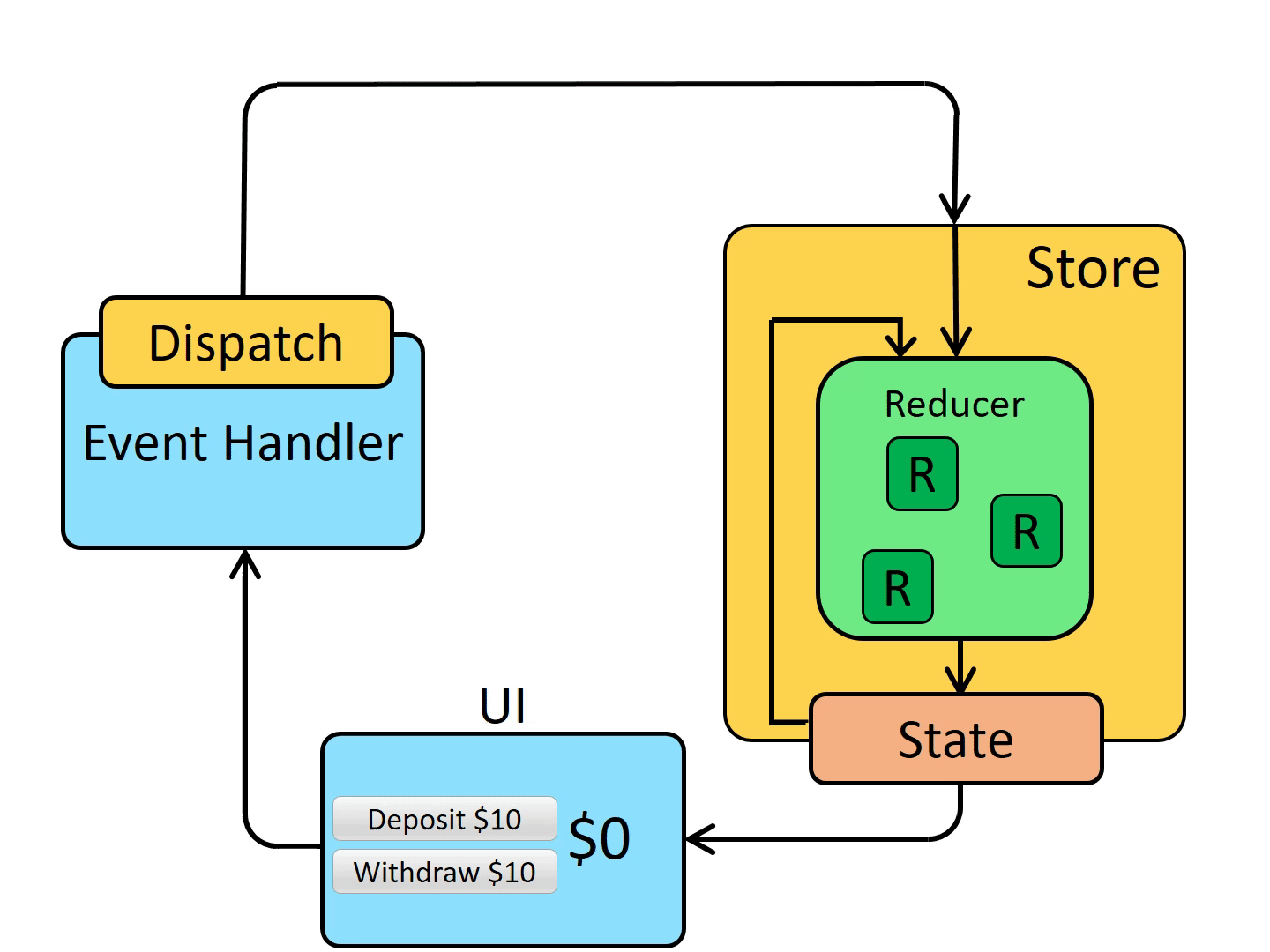
1. State
2. Action

Base upon action we can do some modification on state variable.

Store, delete, update and retrieve

The variable part of redux store are immutable. we can’t change directly.

React provide another hook function ie useDispatch() this hook is use to dispatch the action and payload (data)



create-react-app react-with-redux

cd react-with-redux

npm install redux (it prove store)

npm install react-redux (it help to integrate with react)