React with Redux

Redux is a third party library, which help to manage state at central location, and share the state among multiple components
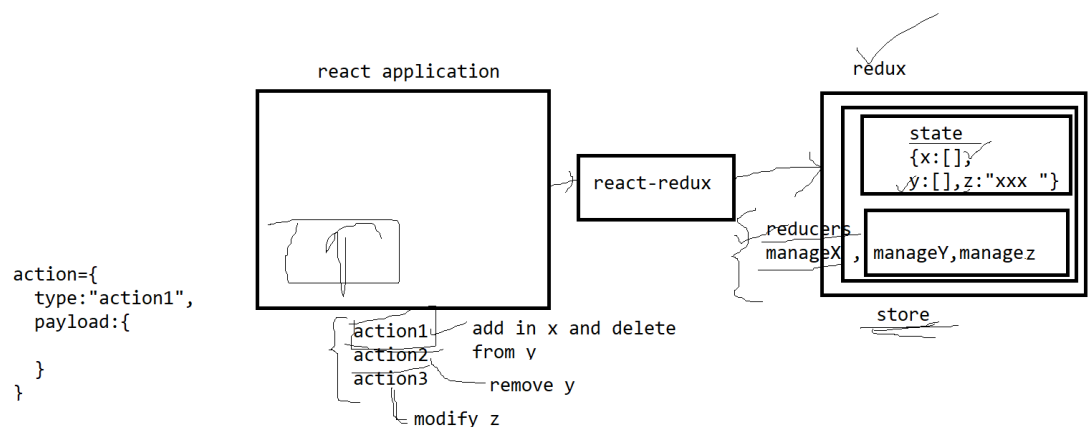
It reduces component communication, we can concentrate on business logic rather than managing data

<mark>To use redux, install redux and react-readux</mark>

npm install redux react-redux

In redux you need to know the following concepts

1. store—>It is central place where redux manages the state.
2. state-> It is object which stores the data, that need tobe shared among multiple components
3. reducer->It is a function, which accepts old state and action as input, and returns modified state. When store receives the action, then all reducers gets executed, and do necessary changes in the state.
4. Action-> It is object, which is dispatched to the redux store via react application, It is a object which has 2 properties {type:"add",payload:{sname:"xxx",sno:123}}
   When the action object is received by store then <mark>all the reducers will get executed</mark> to update required state

React redux example