

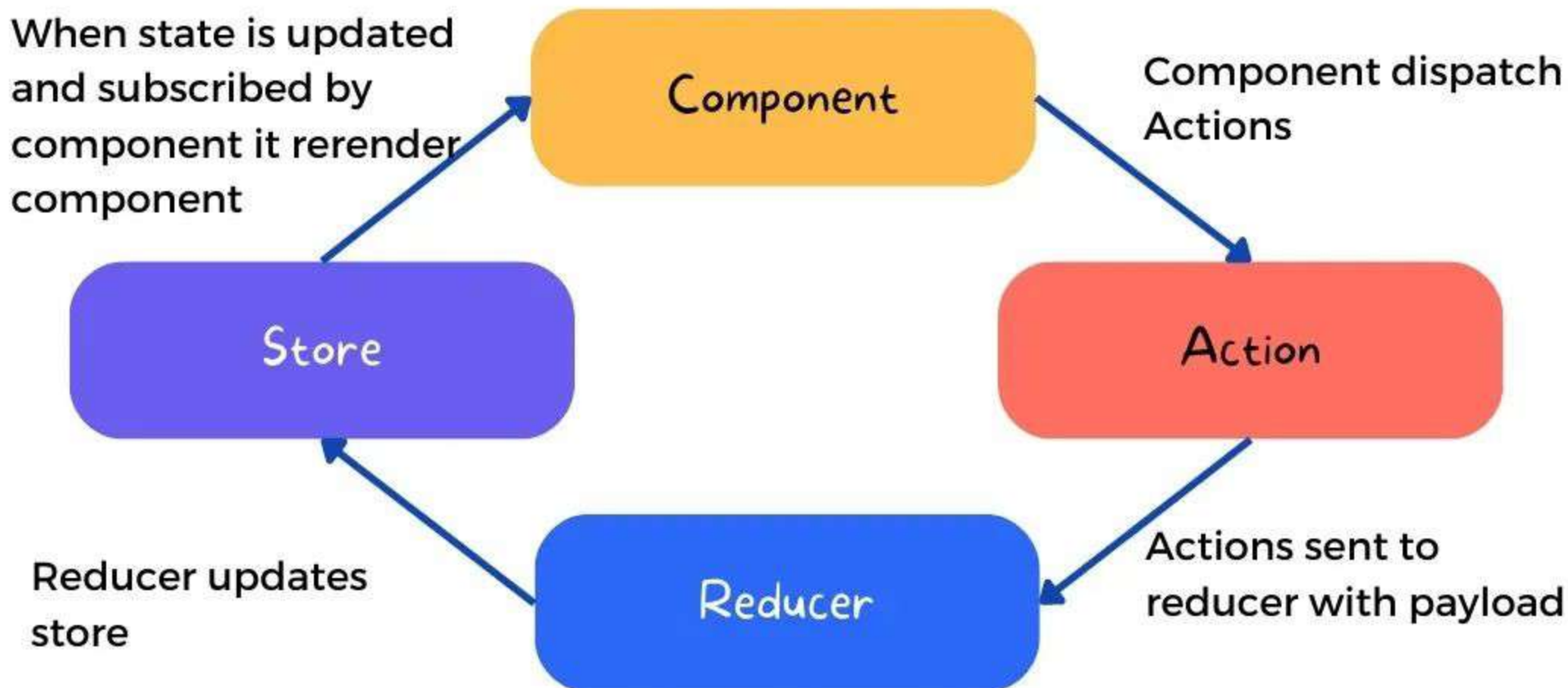
React Interview Question

How redux works in React?

First understand what is redux?

Redux is a state management library for JavaScript applications, often used in combination with React, but can also be utilized with other JavaScript libraries and frameworks like Angular and Vue.js.

Redux enables centralization of the application's state, which is read-only and can only be altered by dispatching actions.



Explanation:

- **Store:** A central repository holding the application's state.
- **Actions:** Plain JavaScript objects representing events in the application.
- **Reducers:** Functions that take current state and an action, then return a new state.
- **Dispatch:** The method to broadcast actions to the store.

Here is how it works.

- An event occurs (e.g. user interaction).
- An action describing the event is dispatched.
- The dispatched action goes to the reducer.
- The reducer takes current state and the action to produce a new state.
- The store updates with the new state.
- React components connected to the store get the updated state and re-render.



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