Functional component & Class component

Objective

- Functional component
- Class component
- Life cycle methods

Functional component

❖ The simplest way to define a component is to write a JavaScript function:

```
function Welcome(props) {
 return <h1>Hello, {props.name}</h1>;
}
```

Class component

❖You can also use an ES6 class to define a component:

```
class Welcome extends React.Component {
render() { return <h1>Hello, {this.props.name}</h1>; }
 }
```

❖

Life cycle methods

`componentDidMount()`

❖ This function is invoked immediately after the component is mounted to the DOM.

❖ This method is a good place to set up any subscriptions. If you do that, don't forget to unsubscribe in componentWillUnmount().

`componentDidUpdate()`

❖ componentDidUpdate() is invoked immediately after updating occurs. This method is not called for the initial render.

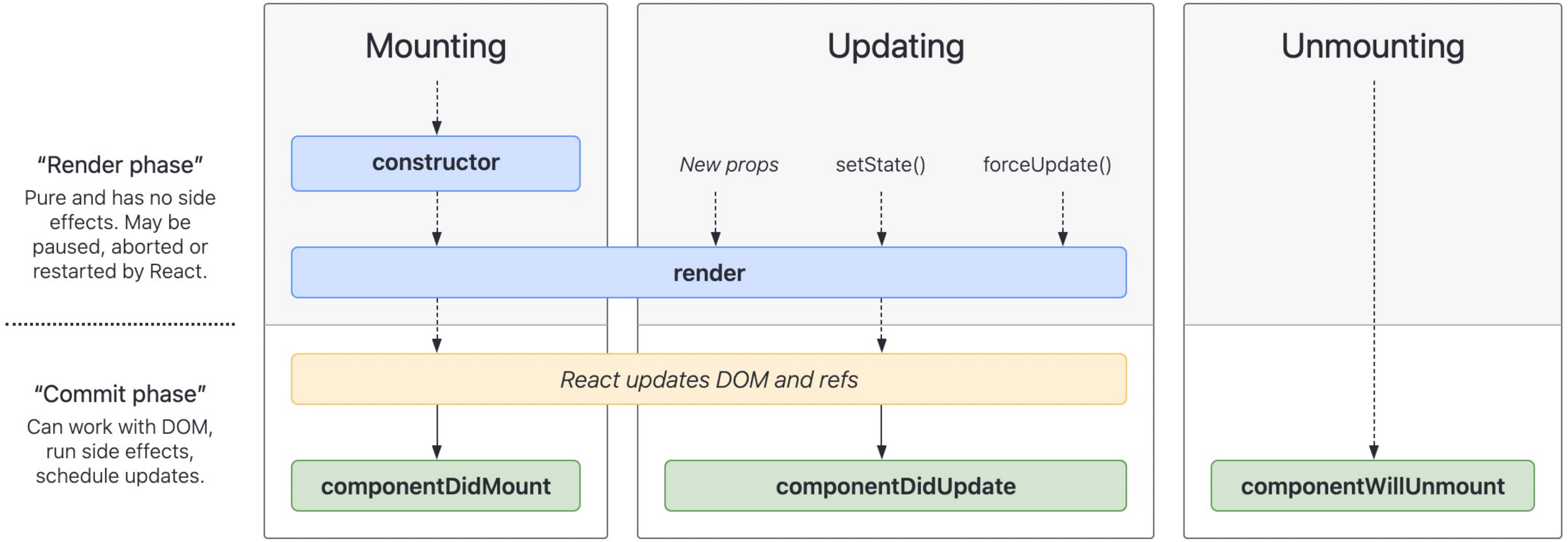
❖ Use this as an opportunity to operate on the DOM when the component has been updated.

Life cycle methods

`componentWillUnmount()`

- ❖ The componentWillUnmount() is invoked immediately before a component is unmounted and destroyed.
- ❖ Perform any necessary cleanup in this method, such as invalidating timers, canceling network requests, or cleaning up any subscriptions that were created in componentDidMount().

Life cycle methods



Resources

- https://reactjs.org/docs/react-component.html#componentdidmount
- https://reactjs.org/docs/react-component.html#componentdidupdate
- https://reactjs.org/docs/react-component.html#componentwillunmount

Summary

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