

Class based component is a js class, it has render method which returns some piece of jsx.

When class based component is initiated first the constructor is called then render method.

Class based component provide componentDidMount method which is called after render method.

componentDidMount is used to make API calls.

React basically first render the component then makes api call and atlast fill the data inside component.

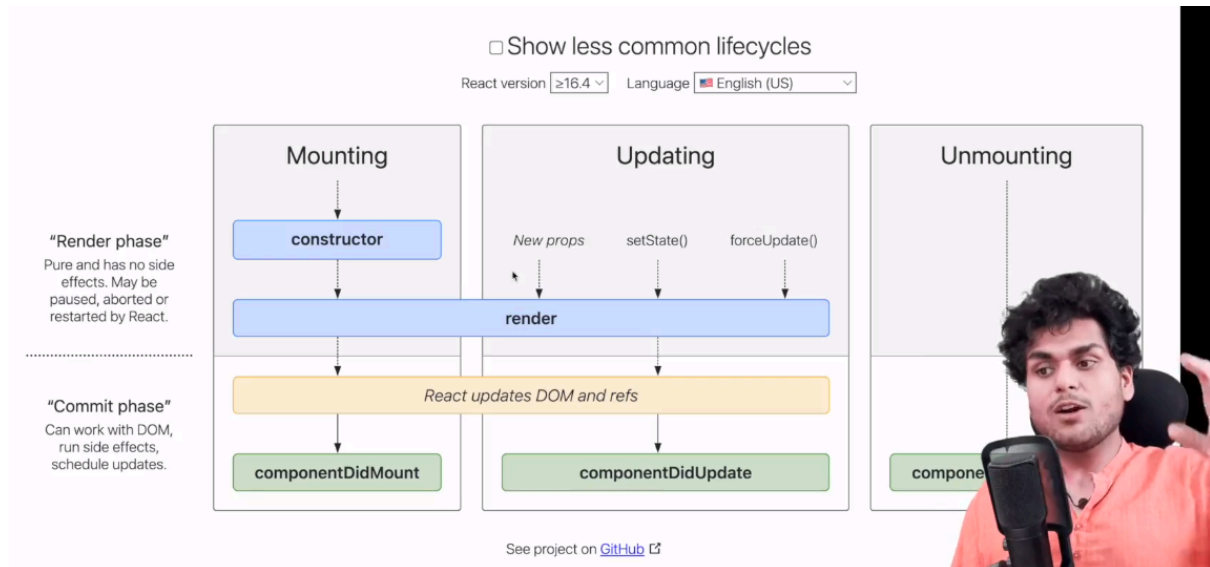
This is why we use useEffect or componentDidMount.

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```
/**
 *
 * --- MOUNTING ---
 *
 * Constructor (dummy)
 * Render (dummy)
 *   <HTML Dummy >
 * Component Did Mount
 *   <API Call>
 *   <this.setState> → State variable is updated
 *
 * --- UPDATE
 *
 *   render(API data)
 *   <HTML (new API data)>
 *   componentDidMount Update
 *
 *
 *
 */
```



Unmount means when the component get disappear from the html.

Mounting means showing to the UI AND unmounting means removing from the UI.

ComponentWillMount will be get called when we go to next page.

```
useEffect(() => {
  // API Call
  const timer = setInterval(() => {
    console.log("NAMASTE REACT OP ");
  }, 1000);
  console.log("useEffect");

  return () => {
    clearInterval(timer);
    console.log("useEffect Return");
  };
}, []);
console.log("render");
```

here return is for componentUnmount