

ReactJS basic concepts



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Agenda

- Component Life Cycle
- Component Did Mount
- Refs
- API
- Q & A



Simple shopping cart (30p)

- Hiển thị danh sách sản phẩm. Mỗi sản phẩm có id, title và price.
- Khi click lên sản phẩm, thì add vào giỏ hàng và tính tổng tiền.

- Áo thun nam: 150000
- Đầm nữ xinh xắn: 179000
- Nón vành đi biển: 129000

TOTAL: 300000 VND

Lúc đầu total = 0

Click Áo thun nam: total = 150k

Click tiếp Áo thun nam: total = 300k



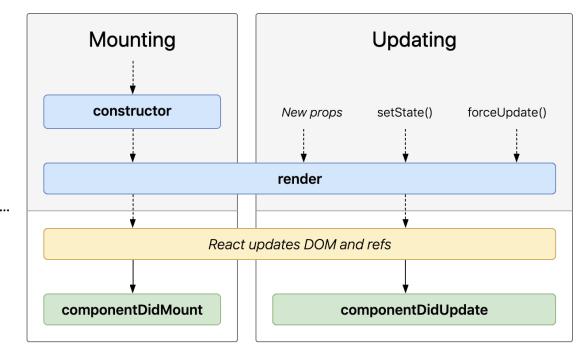
Component life cycle

"Render phase"

Pure and has no side effects. May be paused, aborted or restarted by React.

"Commit phase"

Can work with DOM, run side effects, schedule updates.







Component life cycle (full)

"Render phase"

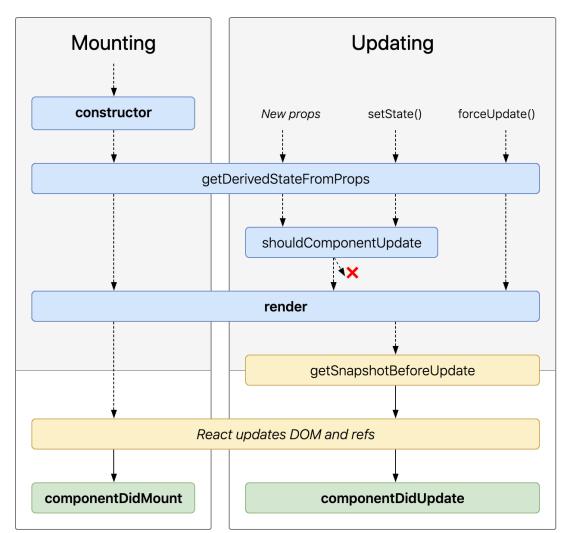
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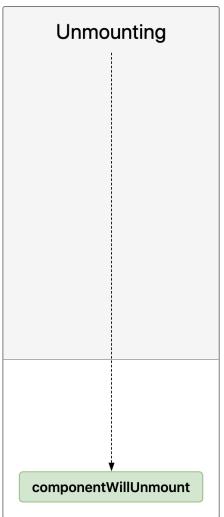
"Pre-commit phase"

Can read the DOM.

"Commit phase"

Can work with DOM, run side effects, schedule updates.





Refs

Use refs to access
 native attributes

Use ref with caution

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```
class CustomTextInput extends React.Component {
 constructor(props) {
   super(props);
   this.textInput = null;
   this.setTextInputRef = element => {
      this.textInput = element;
   };
   this.focusTextInput = () => {
     // Focus the text input using the raw DOM API
      if (this.textInput) this.textInput.focus();
   };
 componentDidMount() {
   // autofocus the input on mount
   this.focusTextInput();
 render() {
   // Use the `ref` callback to store a reference to the text input DOM
   // element in an instance field (for example, this.textInput).
    return (
     <div>
       <input
         type="text"
         ref={this.setTextInputRef}
         type="button"
         value="Focus the text input"
         onClick={this.focusTextInput}
      </div>
```







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Thank You And see you ;)

