

THE MECHANICS OF STATE IN REACT

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We don't do
direct DOM
manipulations

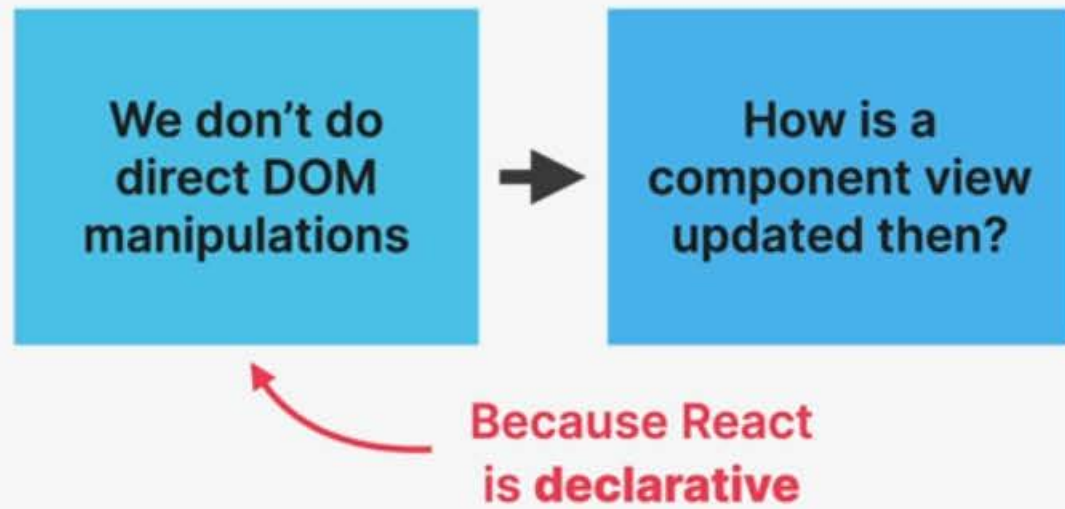
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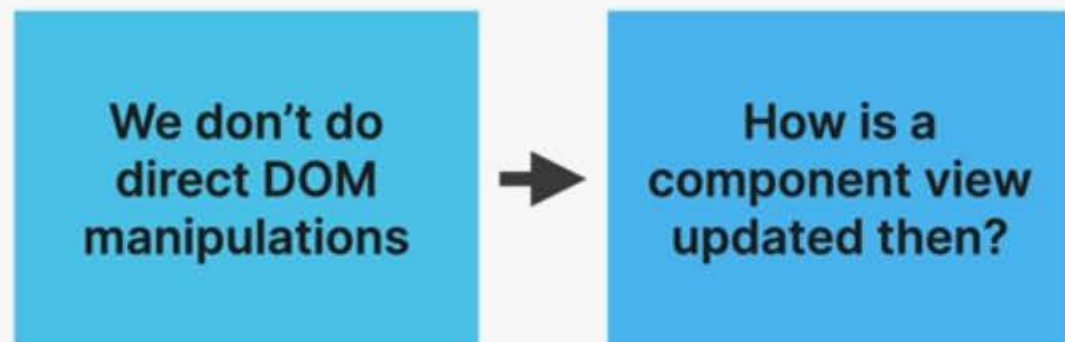
Because React
is **declarative**



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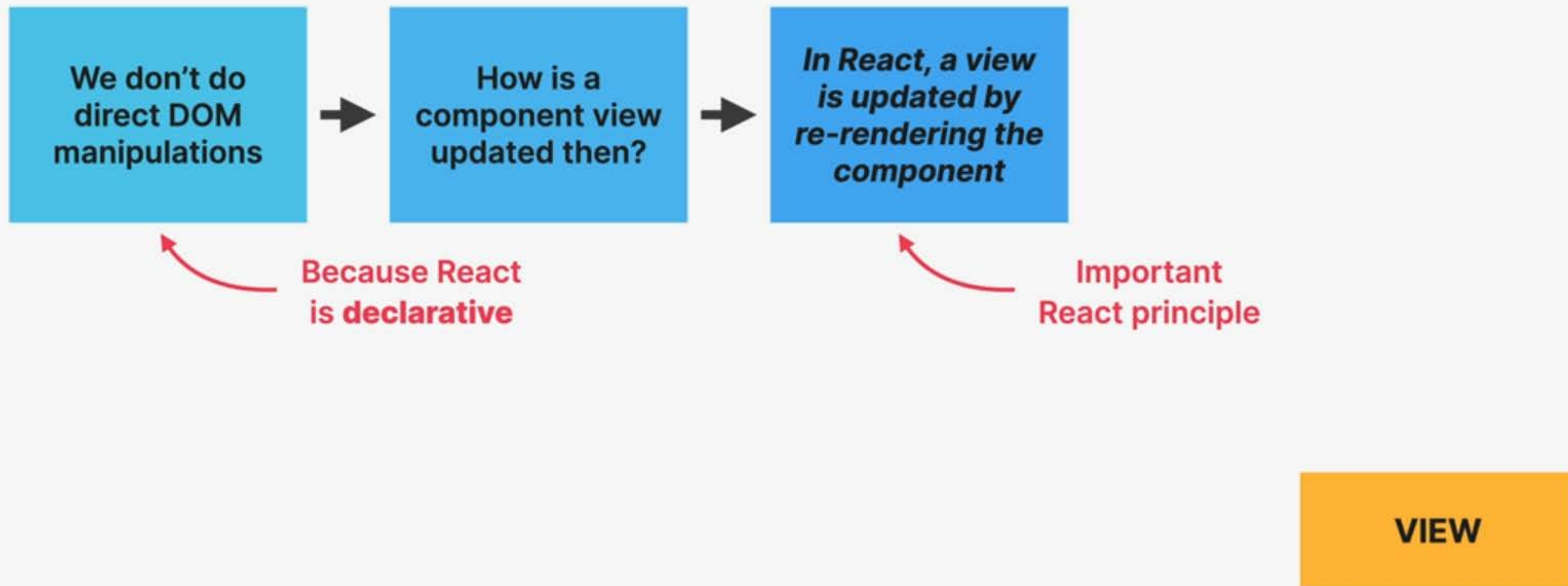
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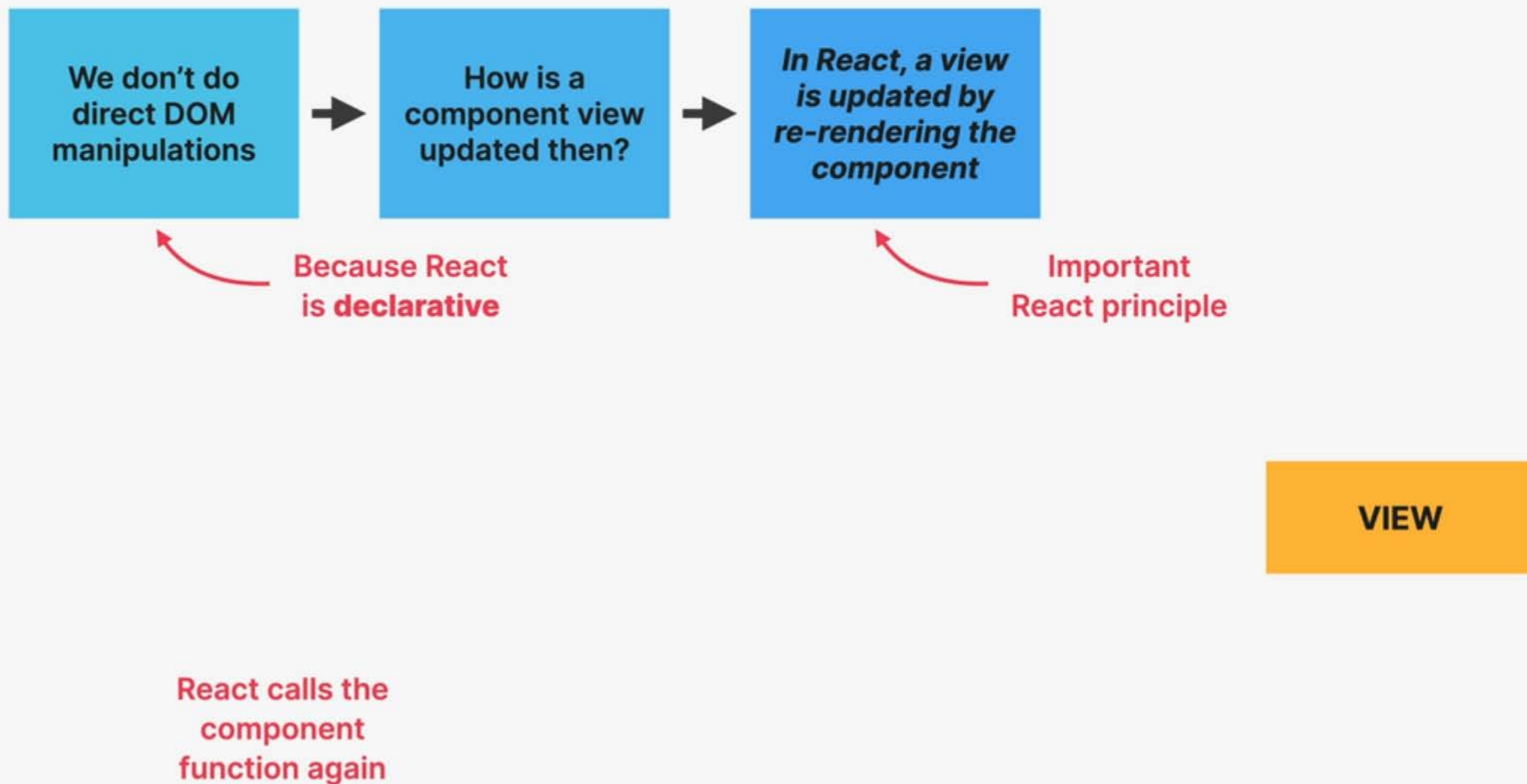
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VIEW

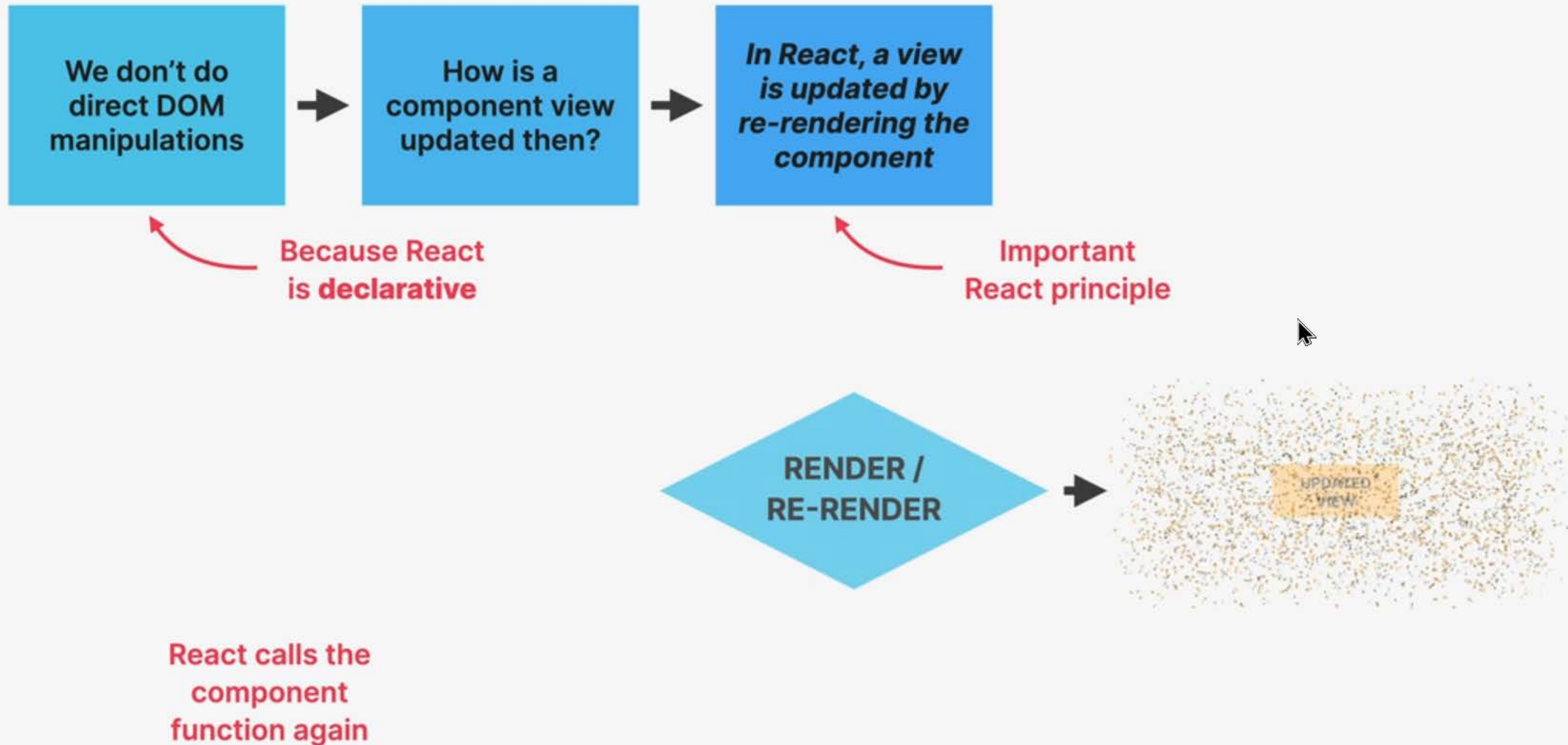
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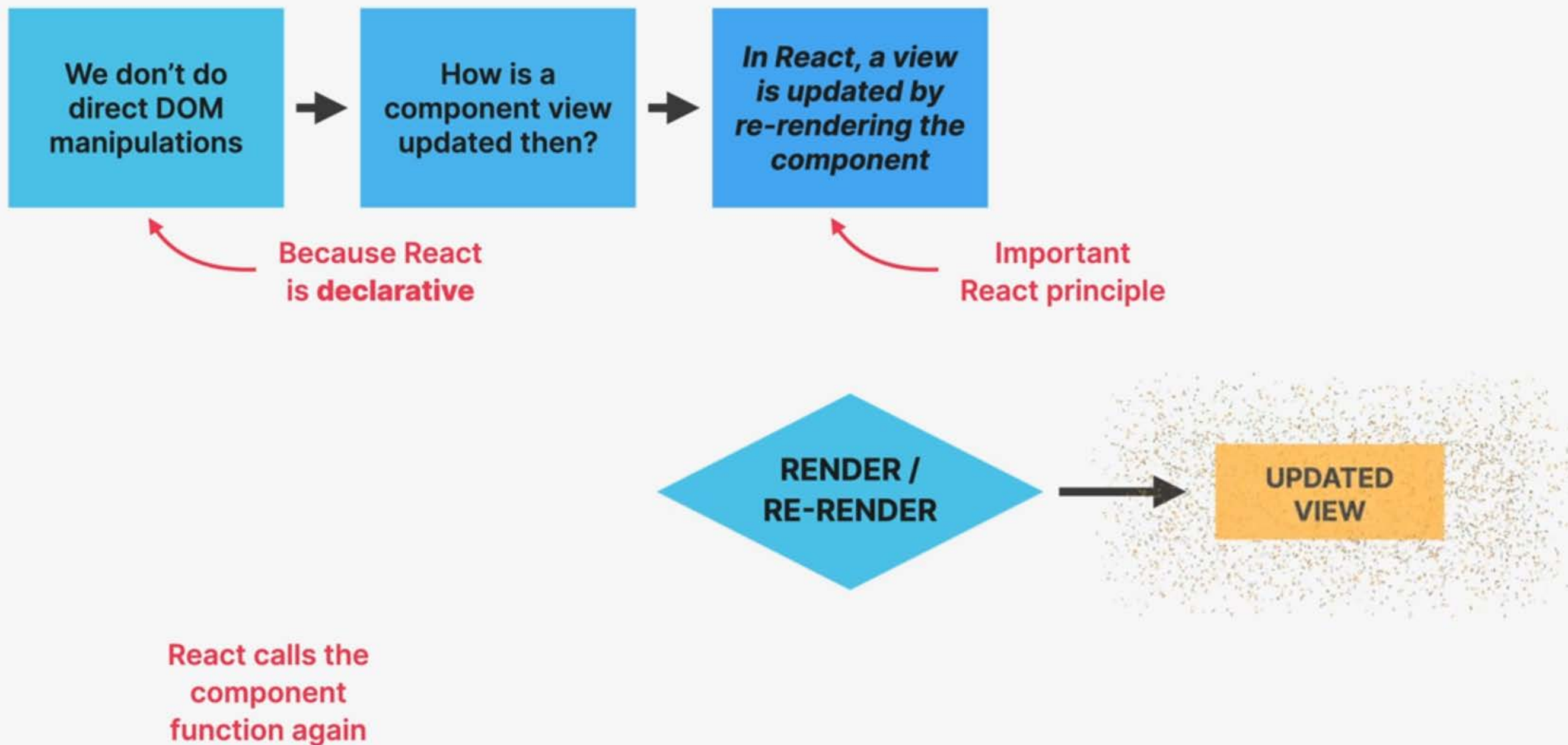
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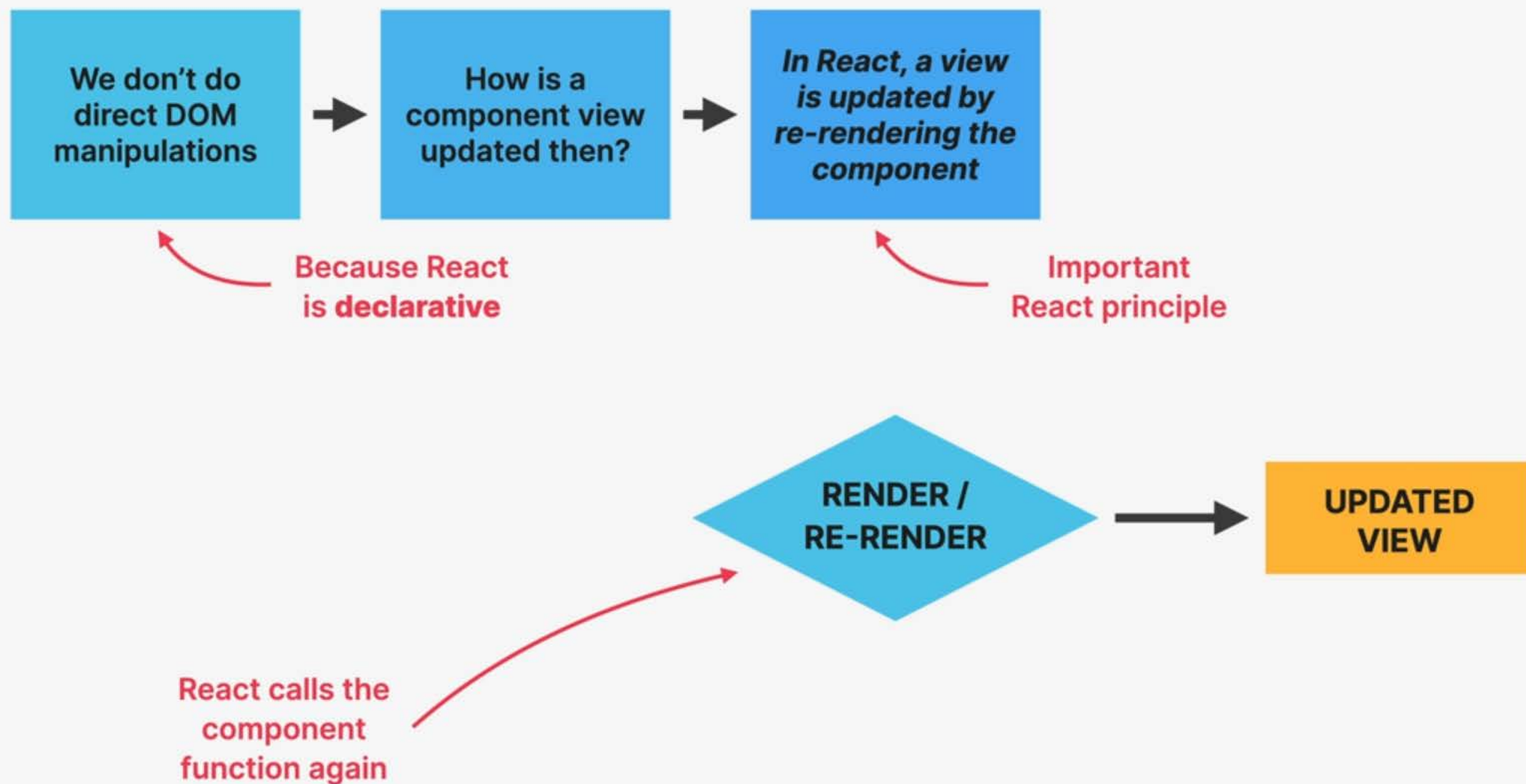
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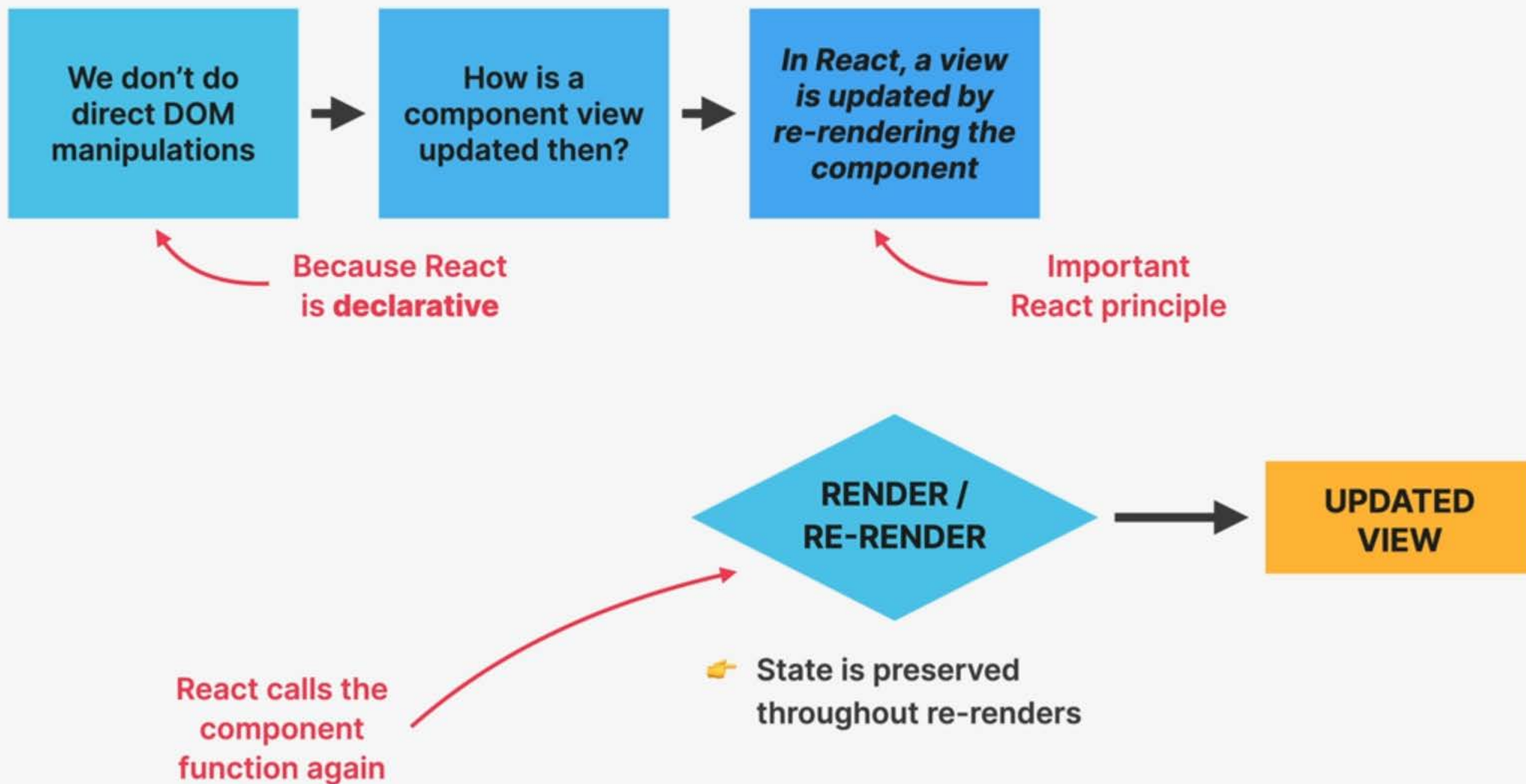
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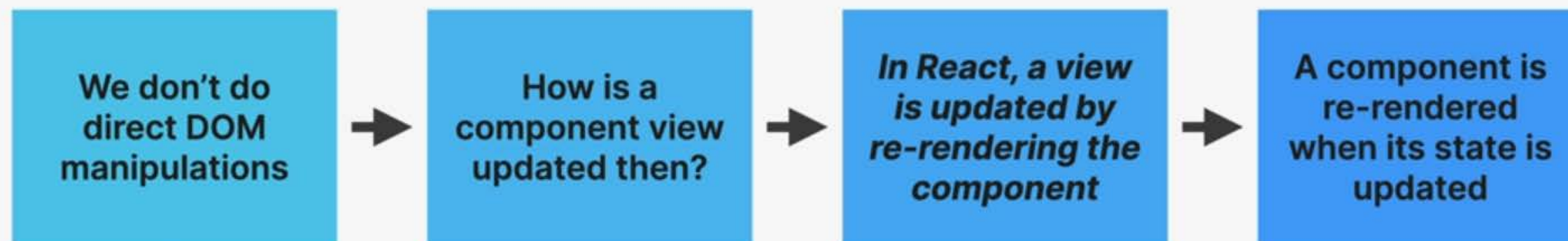
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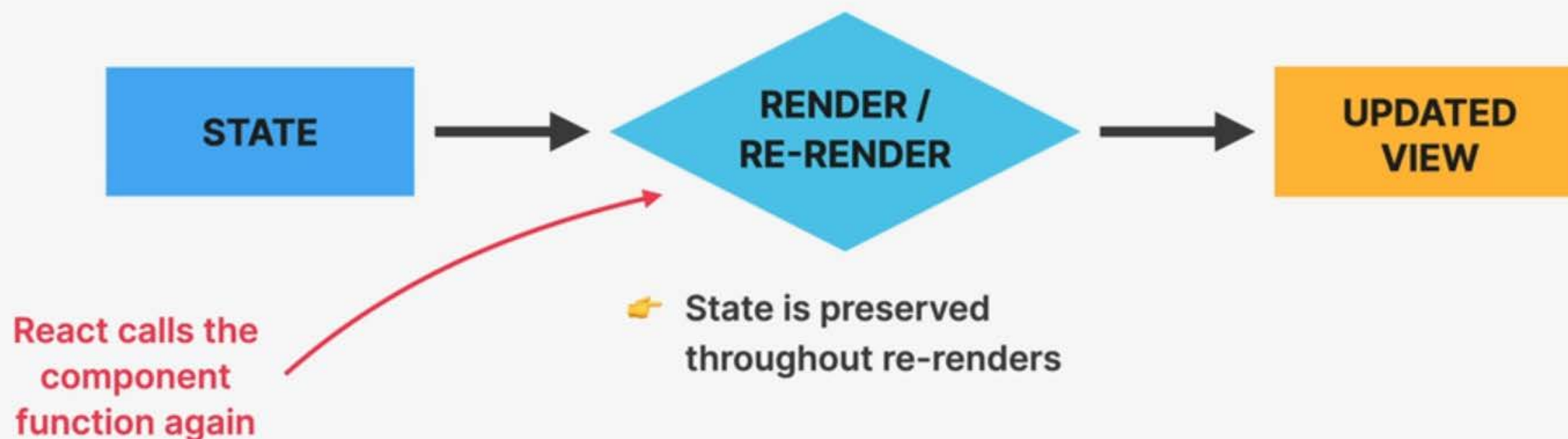


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Because React is **declarative**

Important React principle



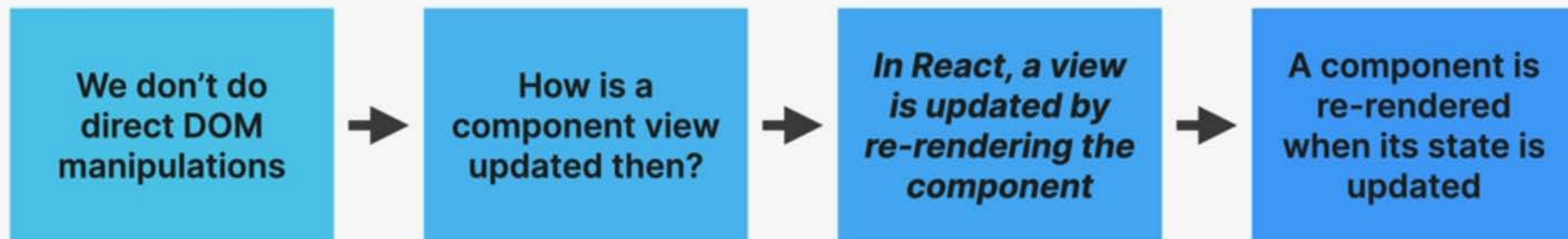
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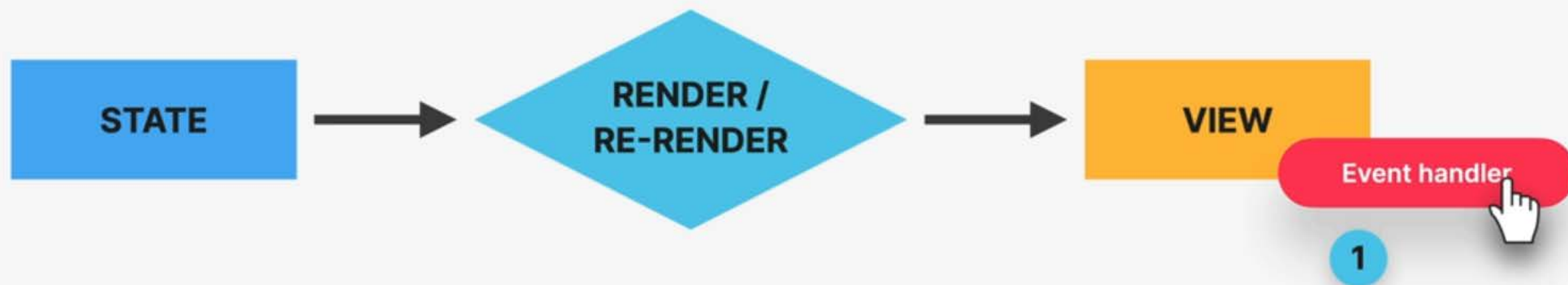
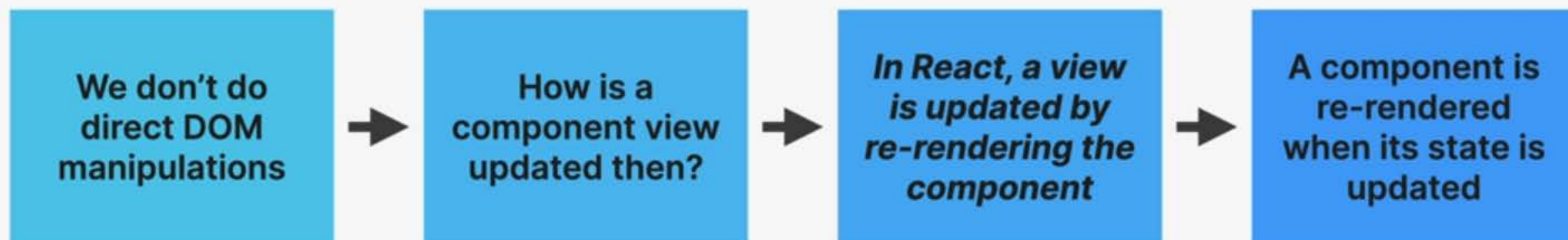
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04:51

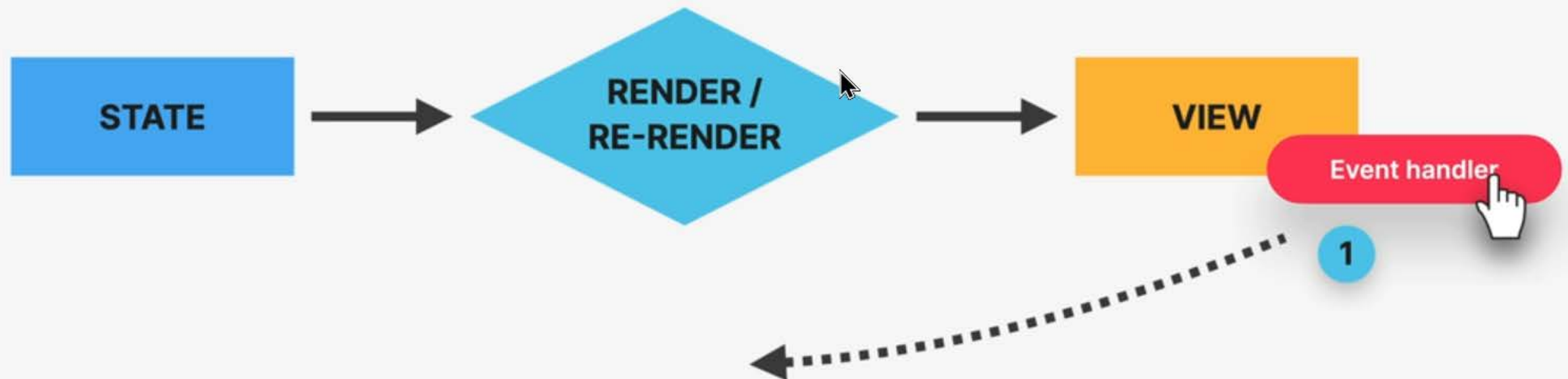
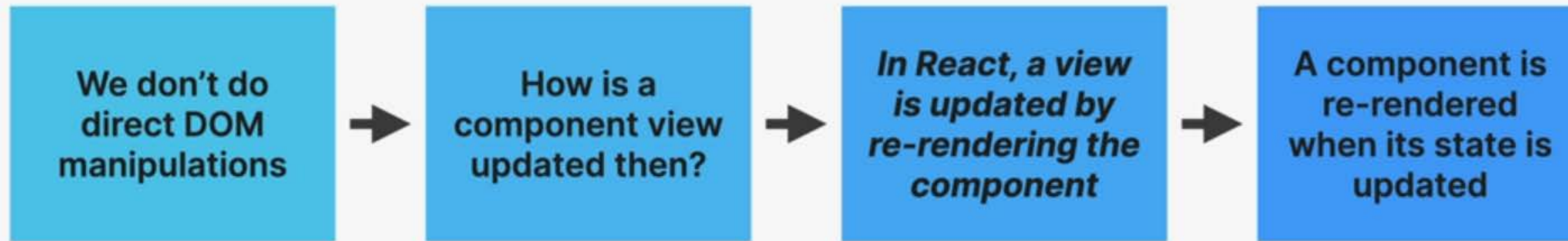
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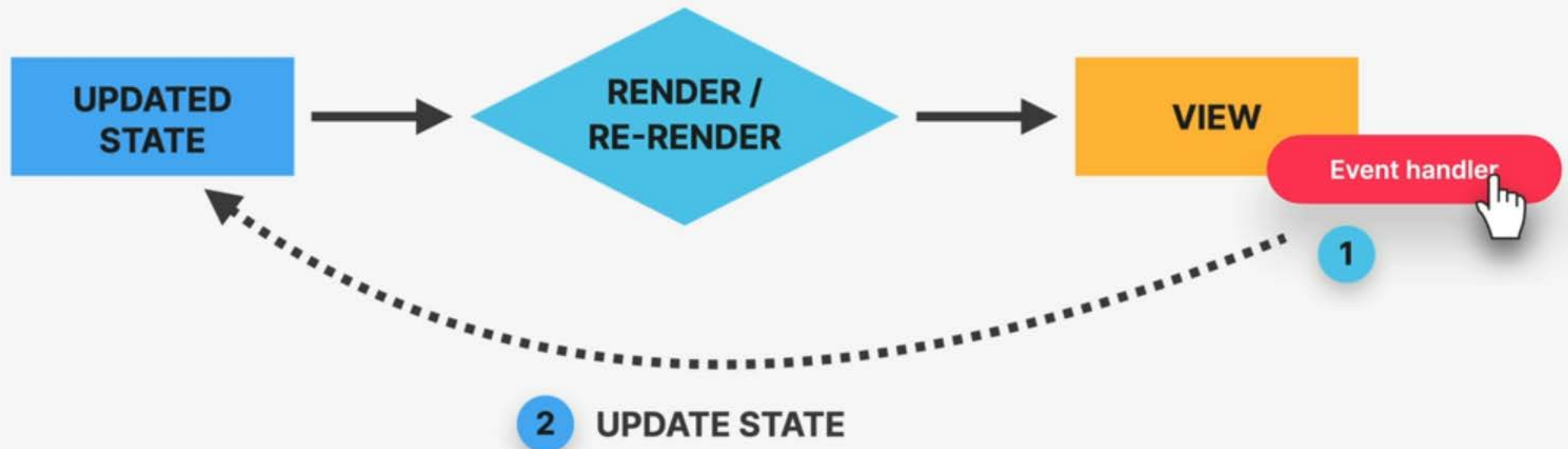
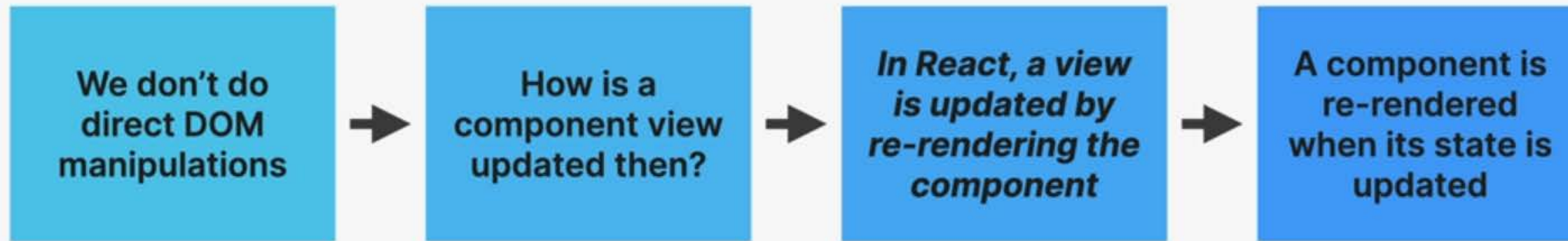
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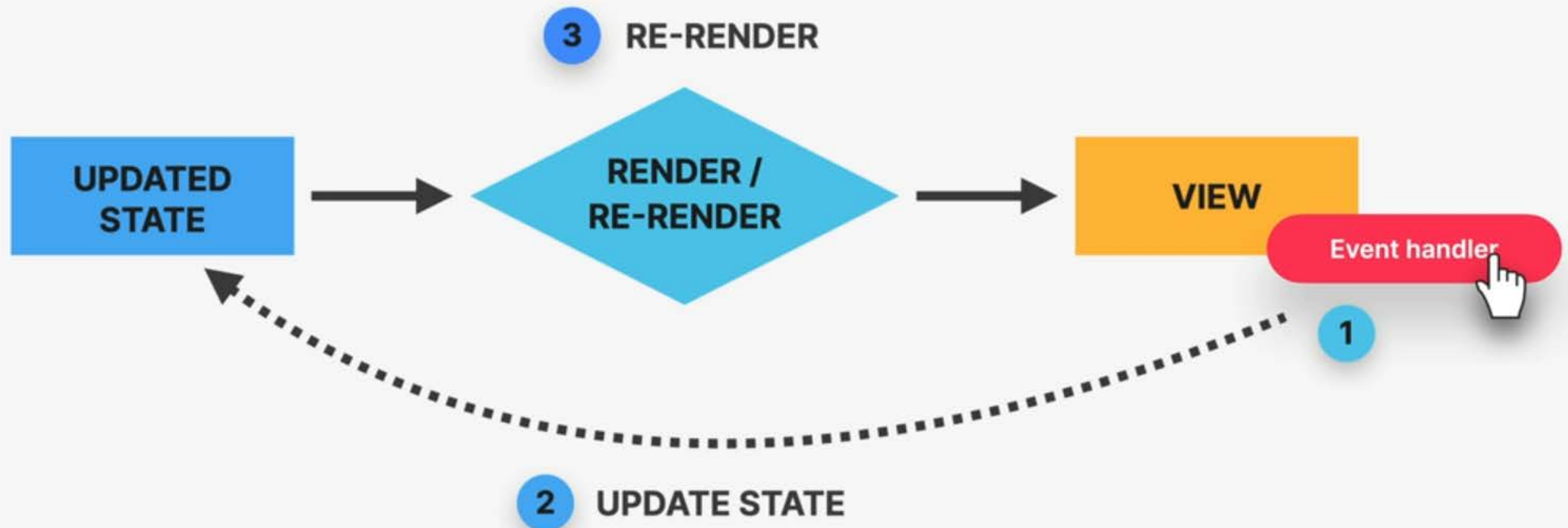
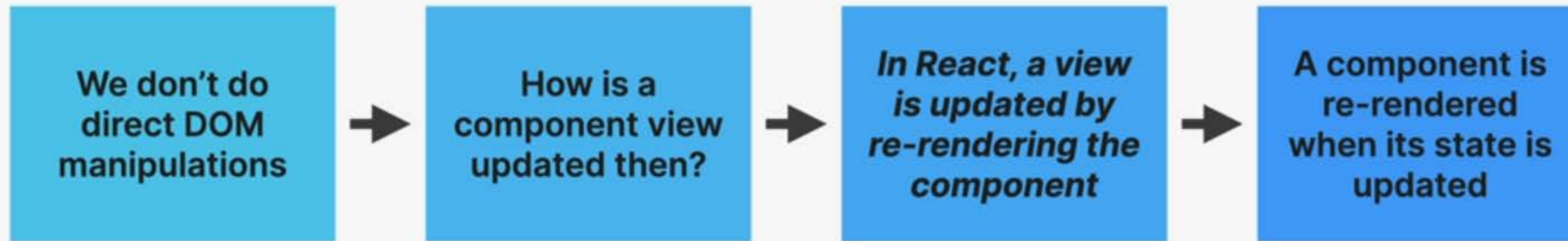
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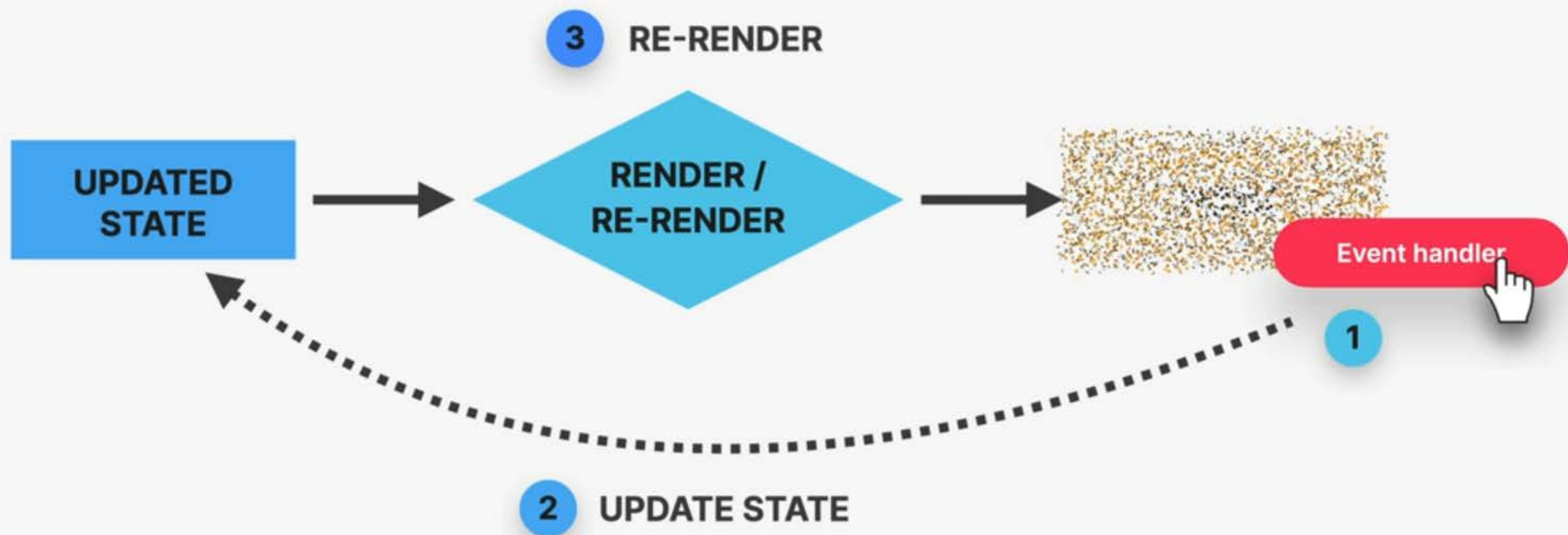
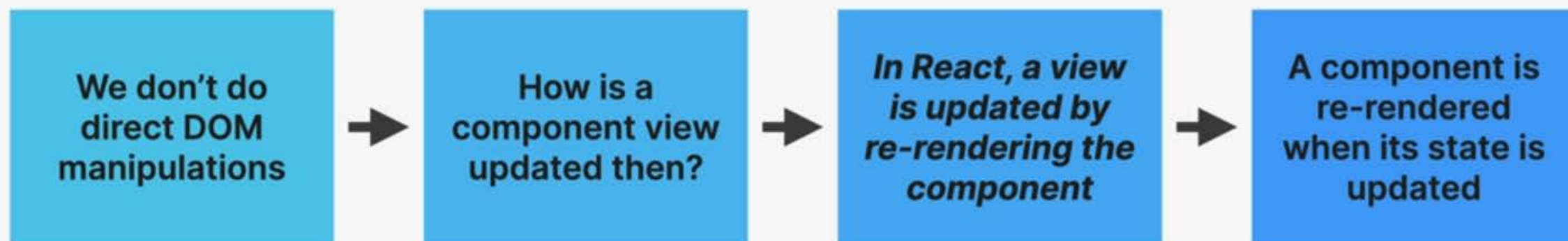
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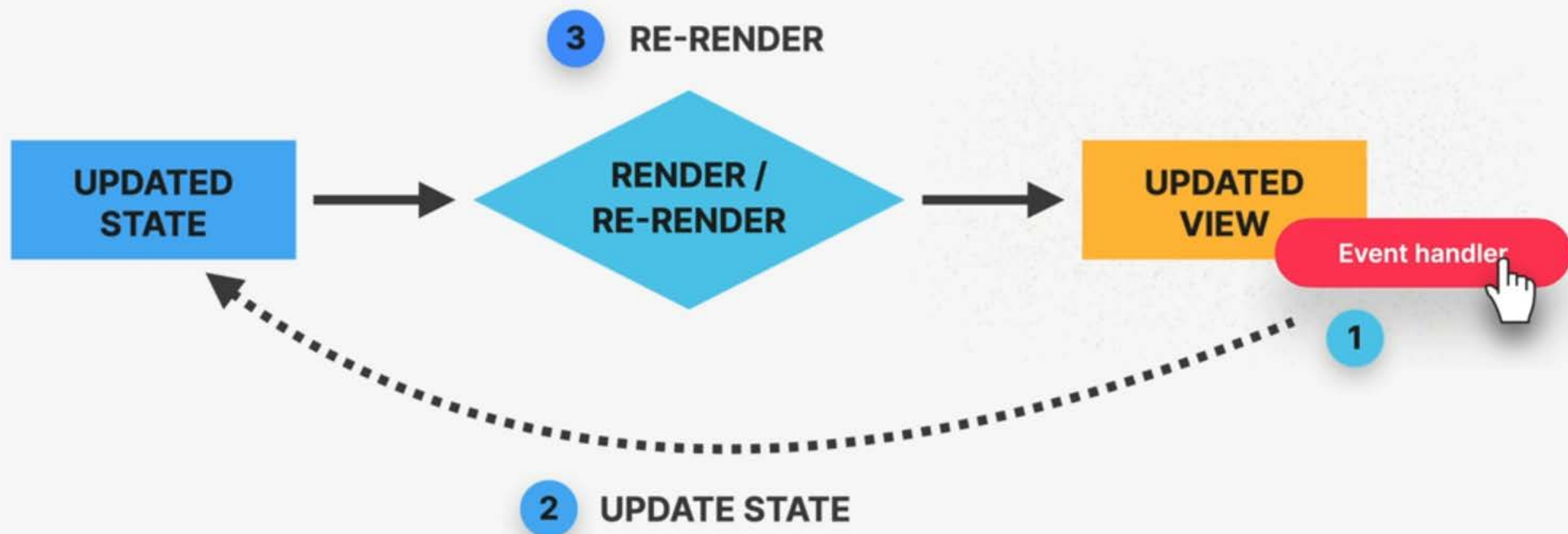
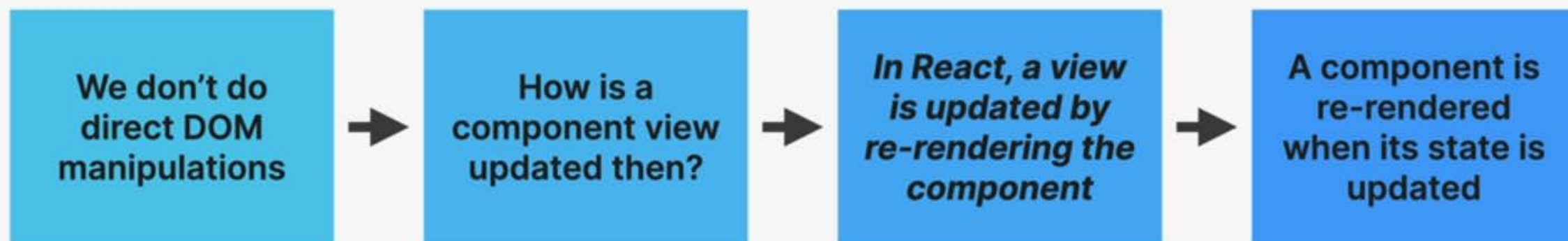
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How is a
component view
updated then?



*In React, a view
is updated by
re-rendering the
component*



A component is
re-rendered
when its state is
updated

```
const [advice, setAdvice] =  
  useState("Have a firm handshake.");  
const [countAdvice, setCountAdvice] =  
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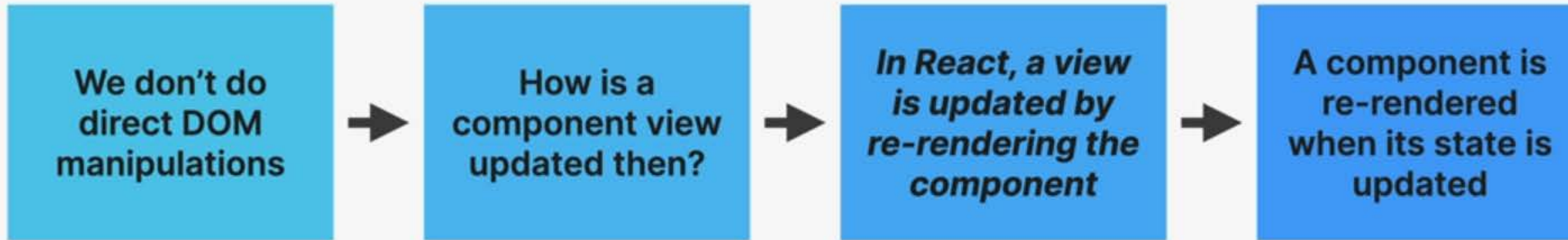


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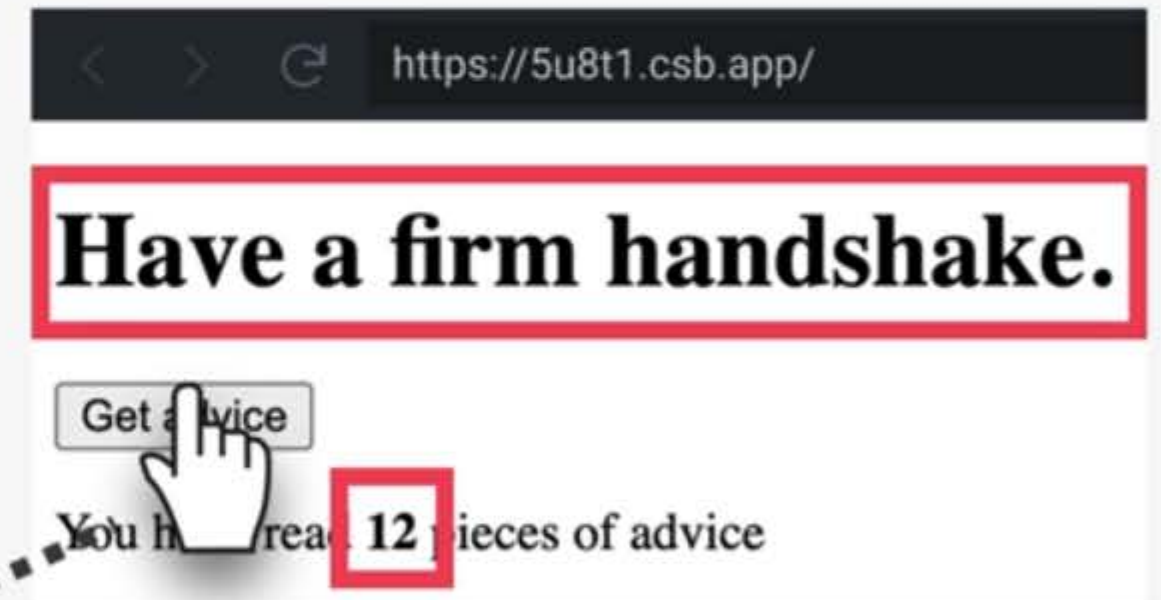
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UPDATE STATE

```
setAdvice(data.slip.advice);  
setCountAdvice((count) => count + 1);
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We don't do direct DOM manipulations



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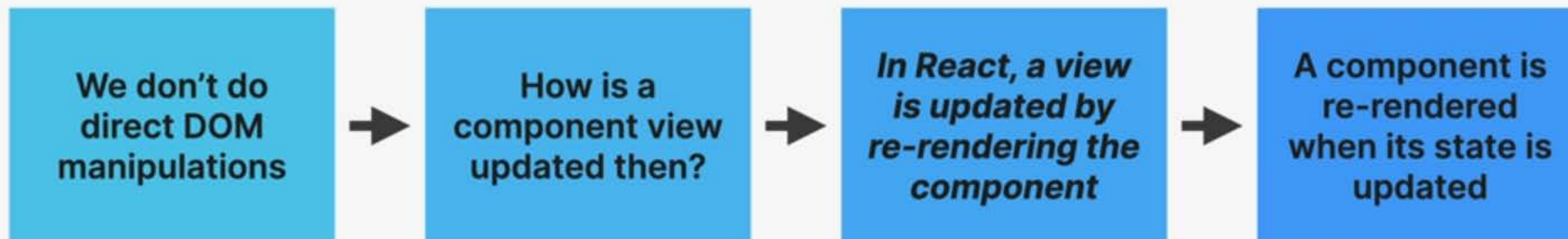
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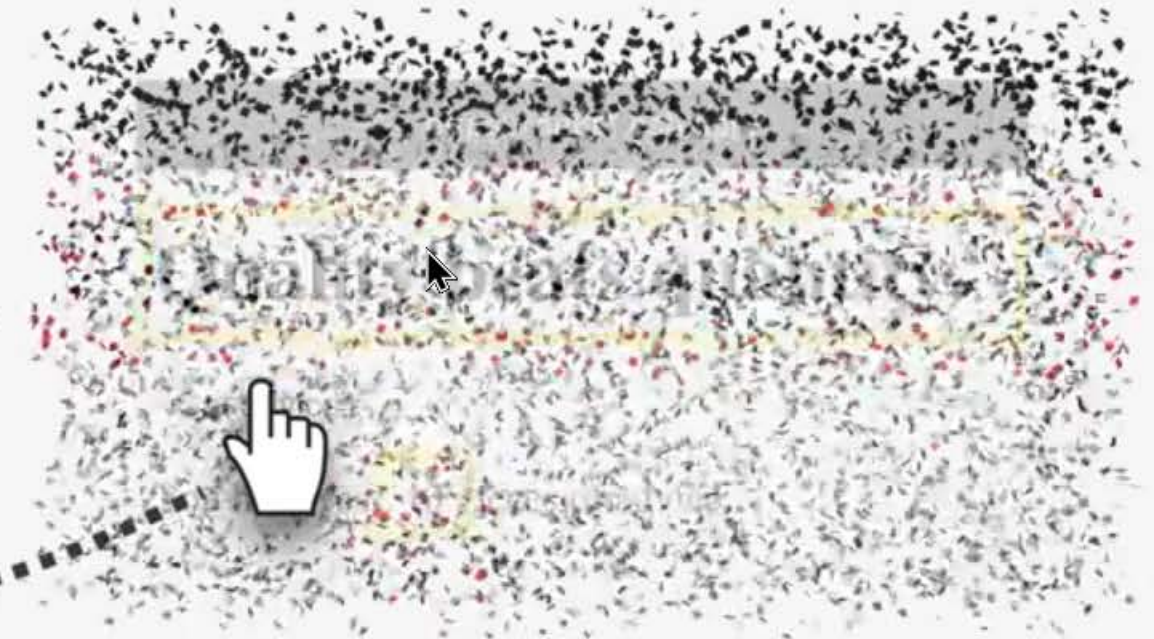
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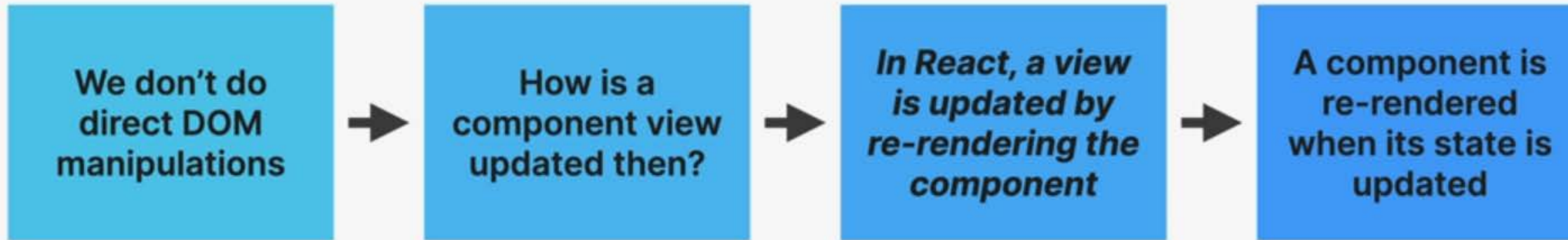


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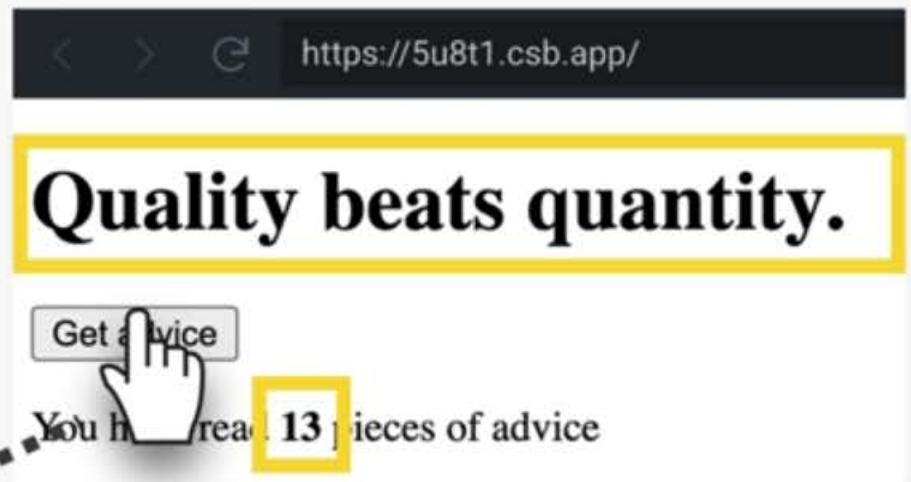
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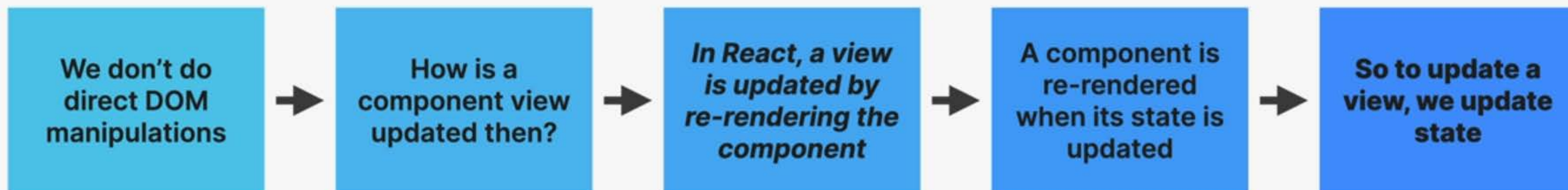


👉 *React is called "React" because...*

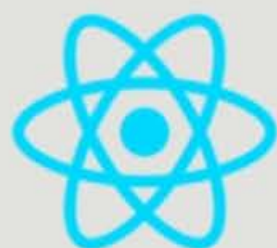


REACT *REACTS* TO STATE CHANGES
BY RE-RENDERING THE UI

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