

## REACT EFFICIENCY USING VIRTUAL DOM

VIEWING WEBPAGE Virtual DOM: ➤ In React, for every DOM object, there is a corresponding "virtual DOM object." ➤ A virtual DOM object is a representation of a DOM object,

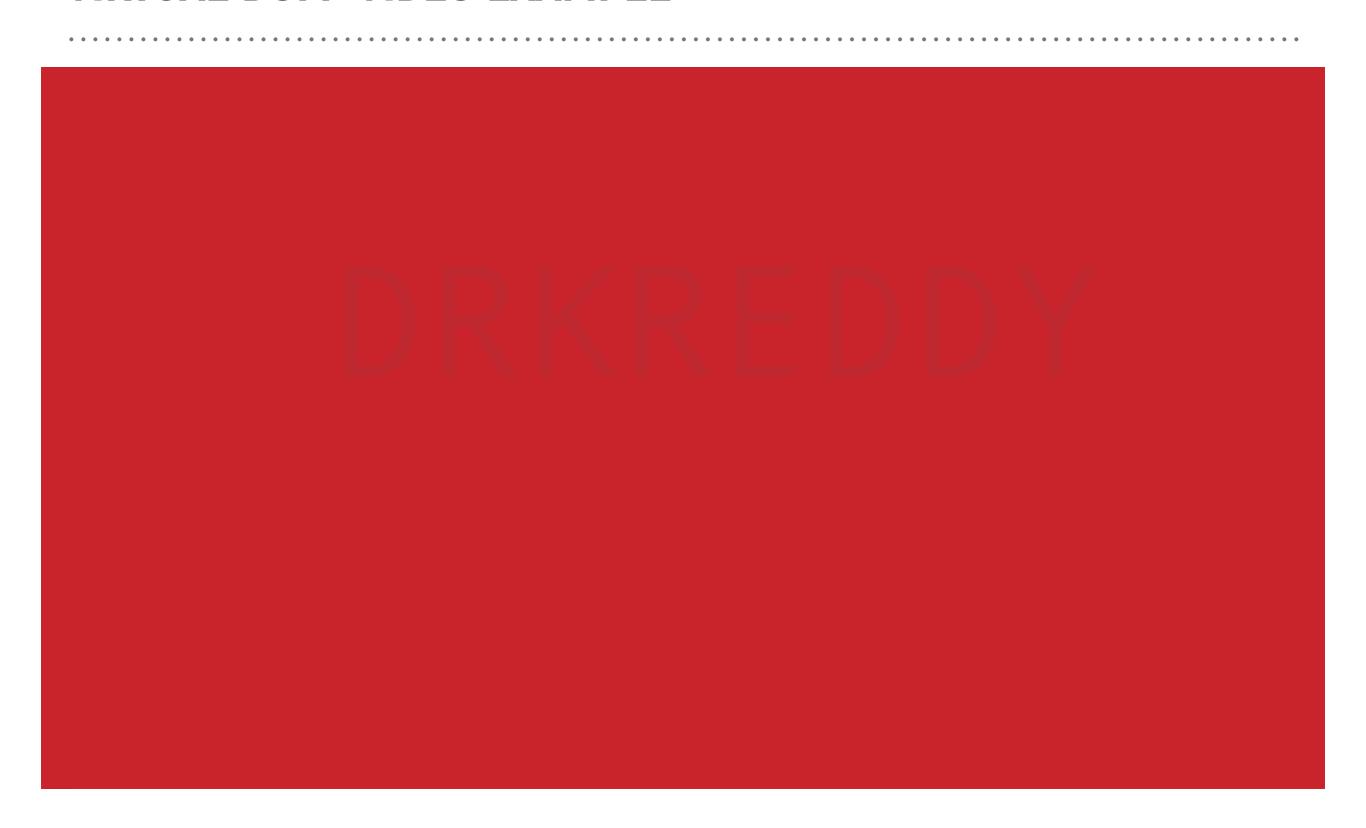
DOM = DOCUMENT OBJECT MODEL USED BY HTML OF

➤ It's a one-way data binding hence manipulating the virtual DOM is quick rather than updating original DOM because nothing gets drawn onscreen.

it creates a virtual copy of the original DOM.

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## VIRTUAL DOM VIDEO EXAMPLE



## REACT EFFICIENCY USING VIRTUAL DOM

- DOM = DOCUMENT OBJECT MODEL USED BY HTML OF VIEWING WEBPAGE
- ➤ Virtual DOM:
  - ➤ In React, for every DOM object, there is a corresponding "virtual DOM object."
  - ➤ A virtual DOM object is a representation of a DOM object, it creates a virtual copy of the original DOM.
  - ➤ It's a one-way data binding hence manipulating the virtual DOM is quick rather than updating original DOM because nothing gets drawn onscreen.