

LESSON 0

COURSE DESIGN

COURSE DESIGN

— Fast

COURSE DESIGN

- Fast
- Does not hinder client work

COURSE DESIGN

- Fast
- Does not hinder client work
- Encourage outside curiosity

COURSE DESIGN

- Fast
- Does not hinder client work
- Encourage outside curiosity
- No stress <3

WHAT YOU'LL LEARN

WHAT YOU'LL LEARN

COMPONENTS

WHAT YOU'LL LEARN

COMPONENTS

JSX

WHAT YOU'LL LEARN

COMPONENTS

JSX
STYLING

WHAT YOU'LL LEARN

COMPONENTS

JSX PROPS
STYLING

WHAT YOU'LL LEARN

COMPONENTS

JSX **PROPS**
STYLING **STATE**

WHAT YOU'LL LEARN

COMPONENTS

JSX **PROPS** **EVENT HANDLING**
STYLING **STATE**

WHAT YOU'LL LEARN

COMPONENTS

JSX **PROPS** **EVENT HANDLING**
STYLING **STATE** **LIFECYCLE**
METHODS

WHAT YOU'LL LEARN

COMPONENTS

JSX **PROPS** **EVENT HANDLING**
STYLING **STATE** **LIFECYCLE** **HTTP**
METHODS

WHAT YOU'LL LEARN

COMPONENTS

JSX PROPS EVENT HANDLING
STYLING STATE LIFECYCLE METHODS HTTP

REACT 11

WHAT YOU SHOULD KNOW



WHY REACT?

WHY REACT?

Fast

WHY REACT?

Fast vs Plain Javascript

	React	Plain Javascript
1. Declarative vs Imperative	Declarative	Imperative
2. Virtual DOM	Yes	No
3. Component-based architecture	Yes	No
4. Easy to learn and use	Yes	No
5. Fast development	Yes	No
6. Easy to maintain	Yes	No
7. Scalability	Yes	No
8. Performance	Yes	No
9. Security	Yes	No
10. Flexibility	Yes	No
11. Reusability	Yes	No
12. Modularity	Yes	No
13. Testability	Yes	No
14. Portability	Yes	No
15. Compatibility	Yes	No
16. Extensibility	Yes	No
17. Interoperability	Yes	No
18. Reliability	Yes	No
19. Maintainability	Yes	No
20. Scalability	Yes	No
21. Performance	Yes	No
22. Security	Yes	No
23. Flexibility	Yes	No
24. Reusability	Yes	No
25. Modularity	Yes	No
26. Testability	Yes	No
27. Portability	Yes	No
28. Compatibility	Yes	No
29. Extensibility	Yes	No
30. Interoperability	Yes	No
31. Reliability	Yes	No
32. Maintainability	Yes	No
33. Scalability	Yes	No
34. Performance	Yes	No
35. Security	Yes	No
36. Flexibility	Yes	No
37. Reusability	Yes	No
38. Modularity	Yes	No
39. Testability	Yes	No
40. Portability	Yes	No
41. Compatibility	Yes	No
42. Extensibility	Yes	No
43. Interoperability	Yes	No
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96. Reliability	Yes	No
97. Maintainability	Yes	No
98. Scalability	Yes	No
99. Performance	Yes	No
100. Security	Yes	No

WHY REACT?

Fast vs Plain Javascript

Why?

WHY REACT?

Fast vs Plain Javascript

Why? Virtual DOM

WHY REACT?

Fast vs Plain Javascript

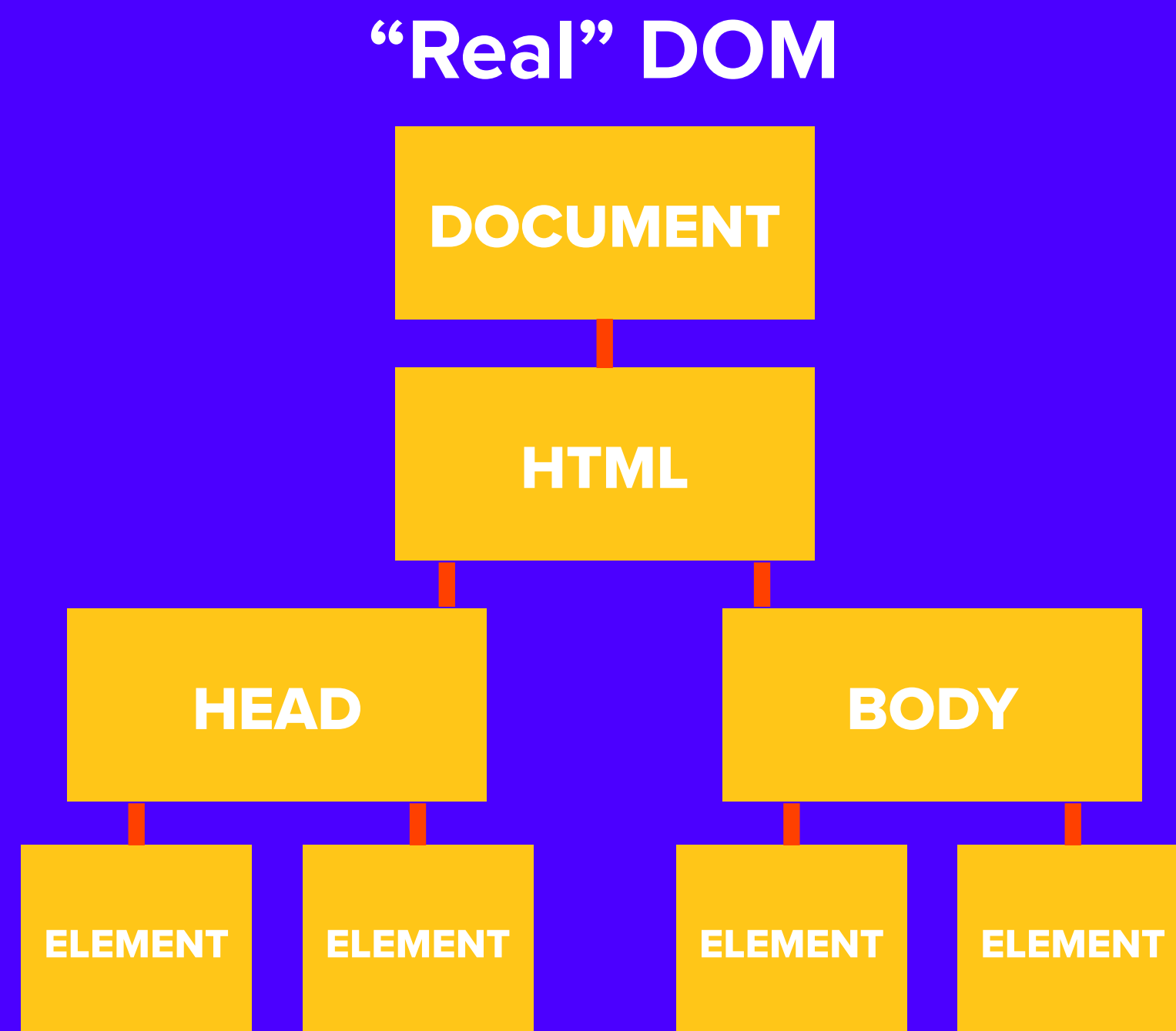
Why? Virtual DOM

“Real” DOM

WHY REACT?

Fast vs Plain Javascript

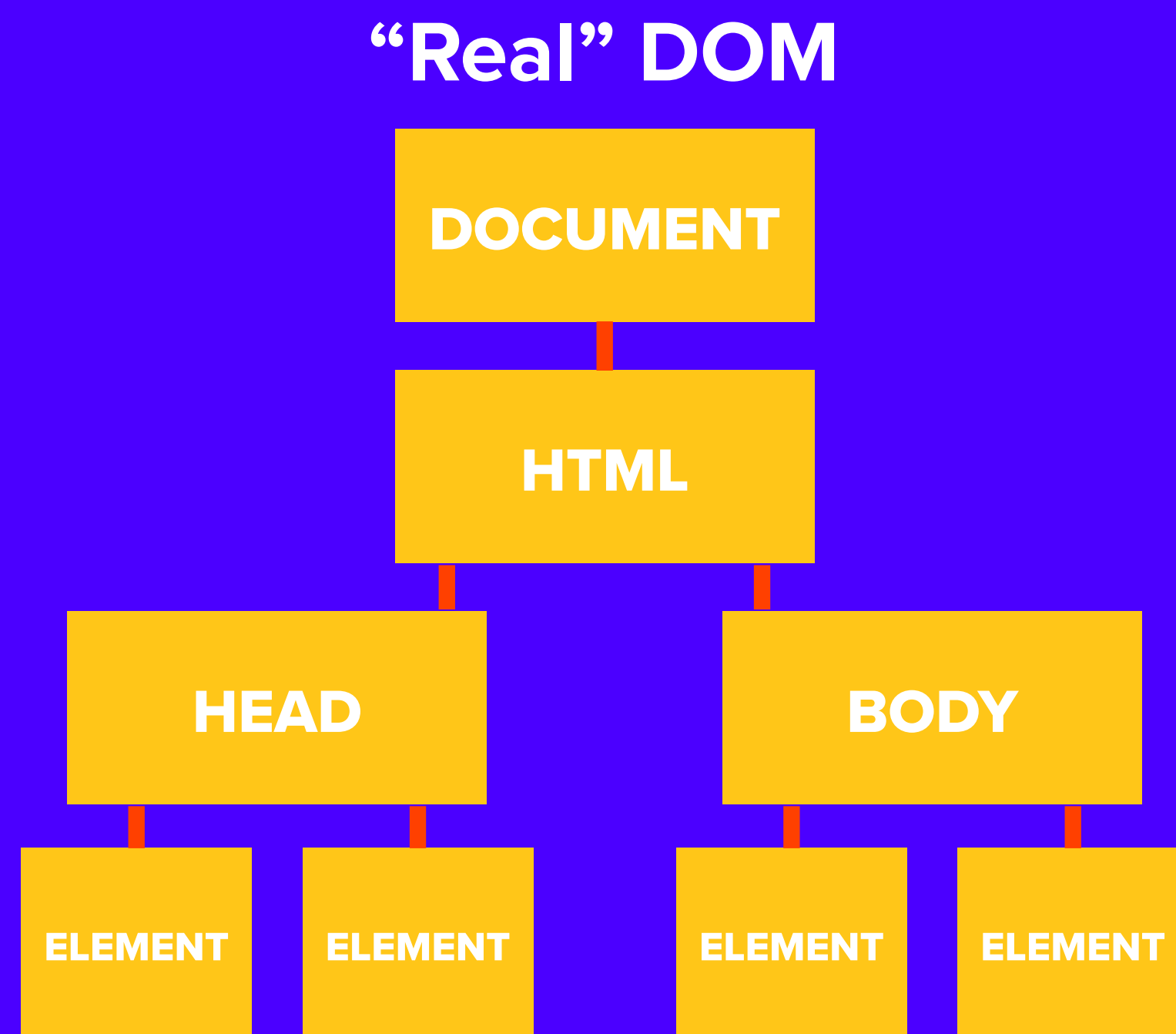
Why? Virtual DOM



WHY REACT?

Fast vs Plain Javascript

Why? Virtual DOM



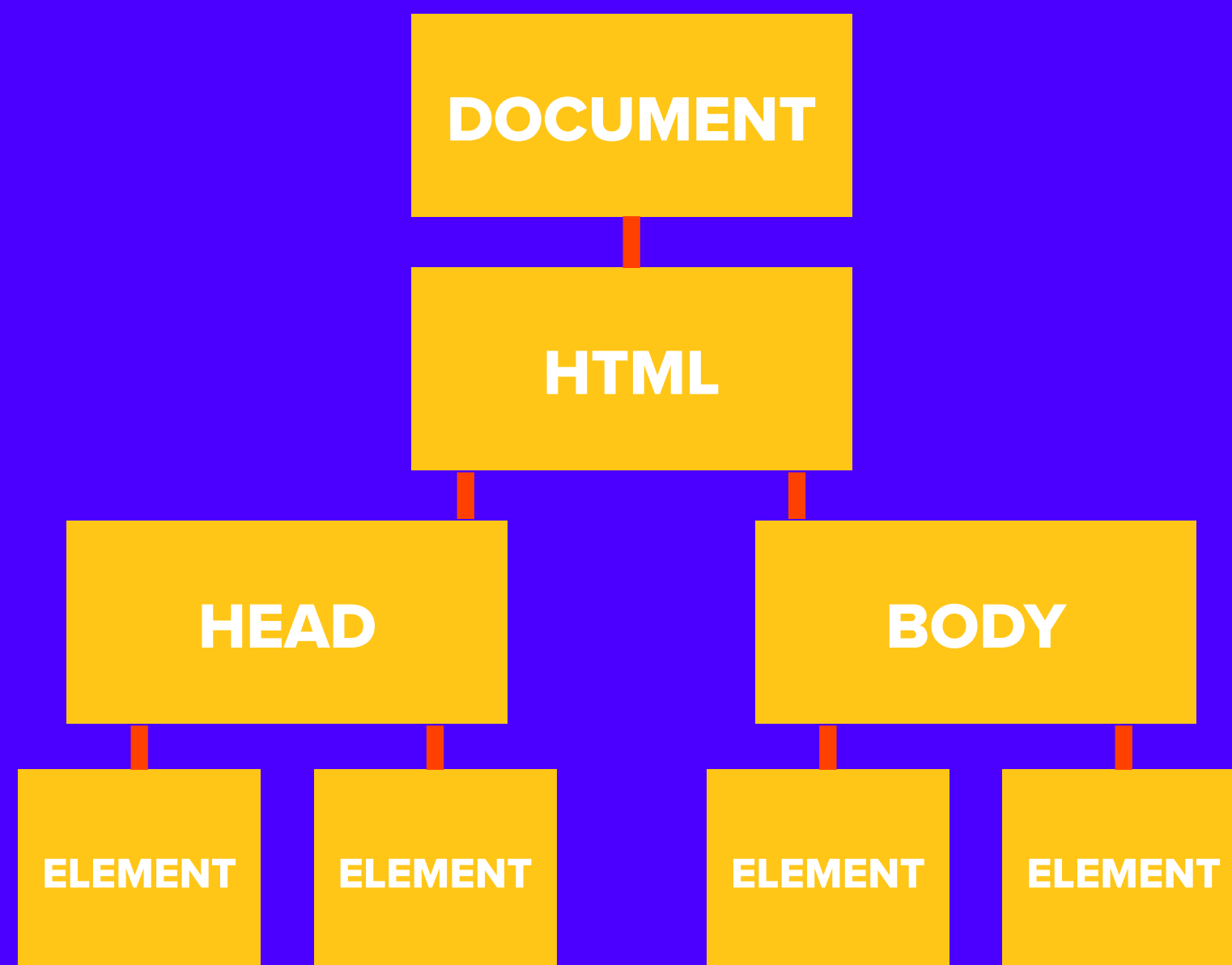
Virtual DOM

WHY REACT?

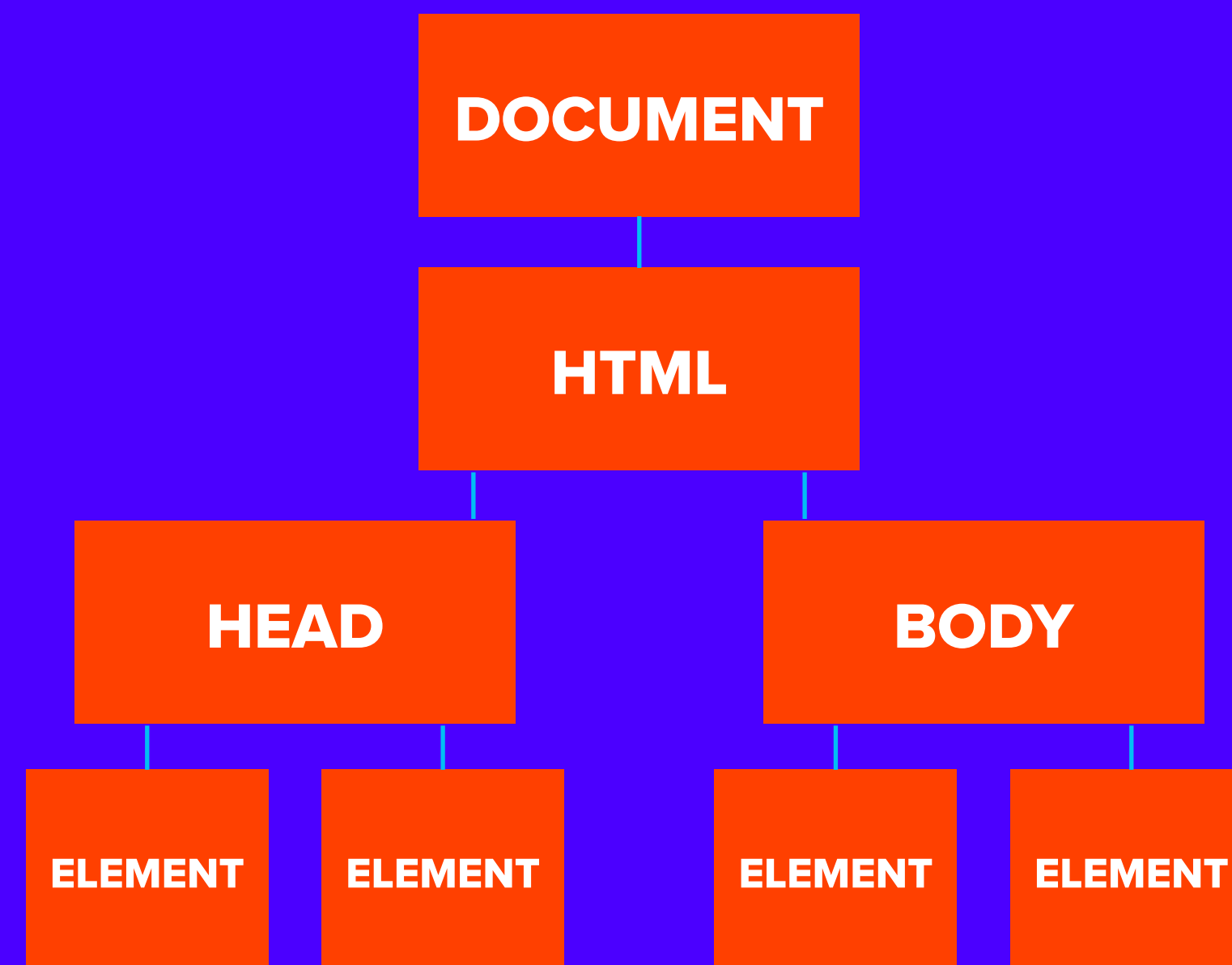
Fast vs Plain Javascript

Why? Virtual DOM

“Real” DOM



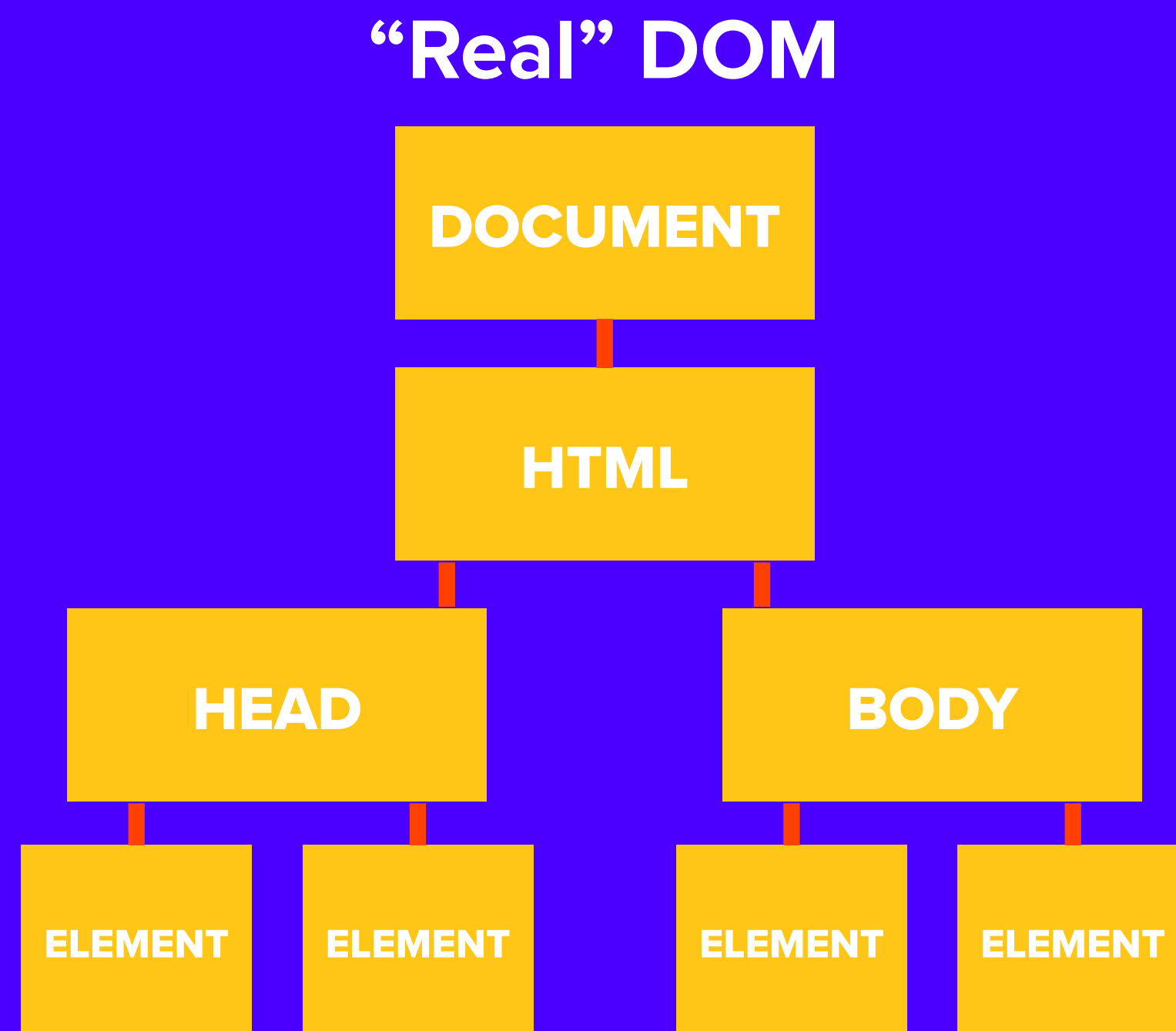
Virtual DOM



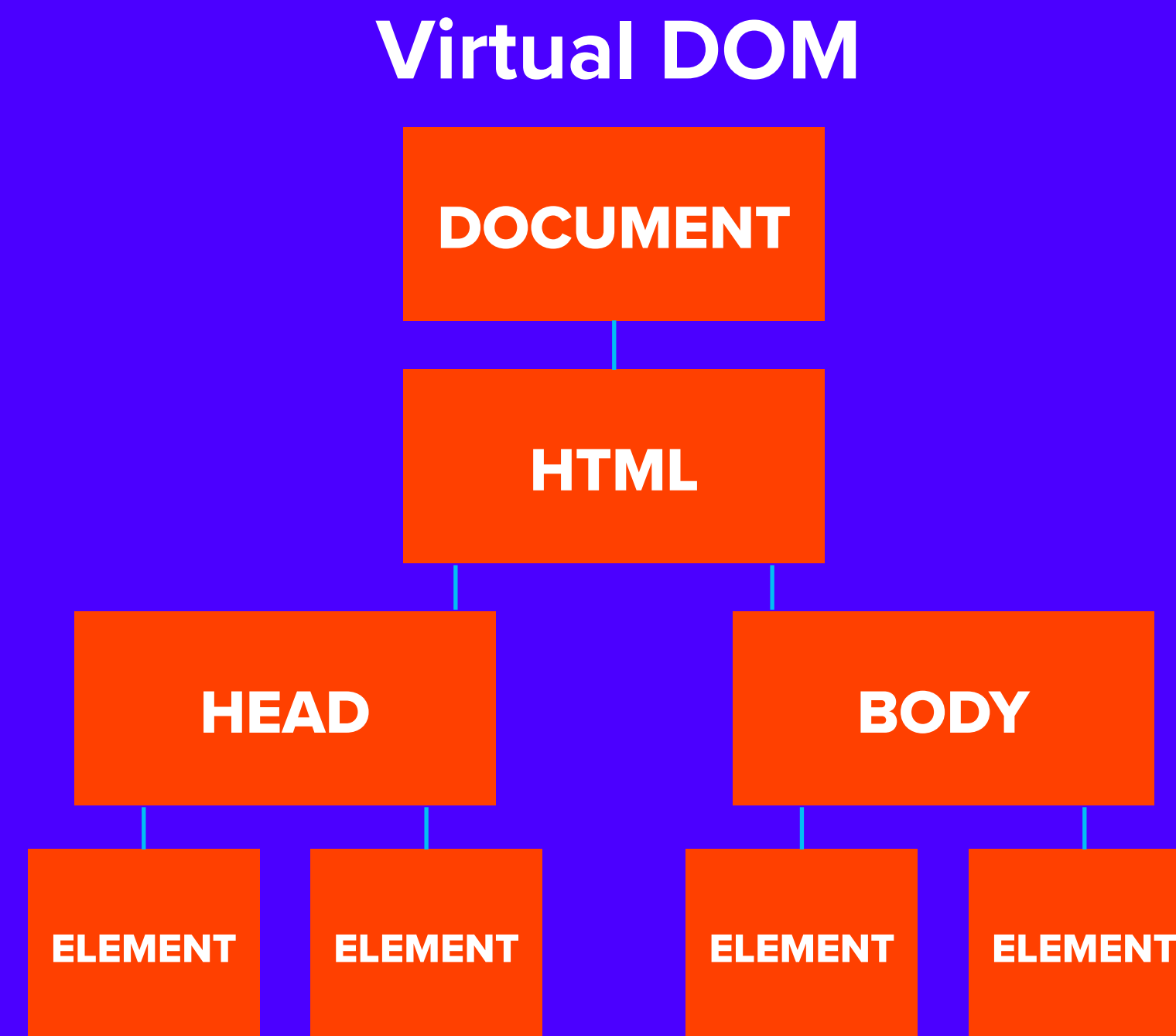
WHY REACT?

Fast vs Plain Javascript

Why? Virtual DOM



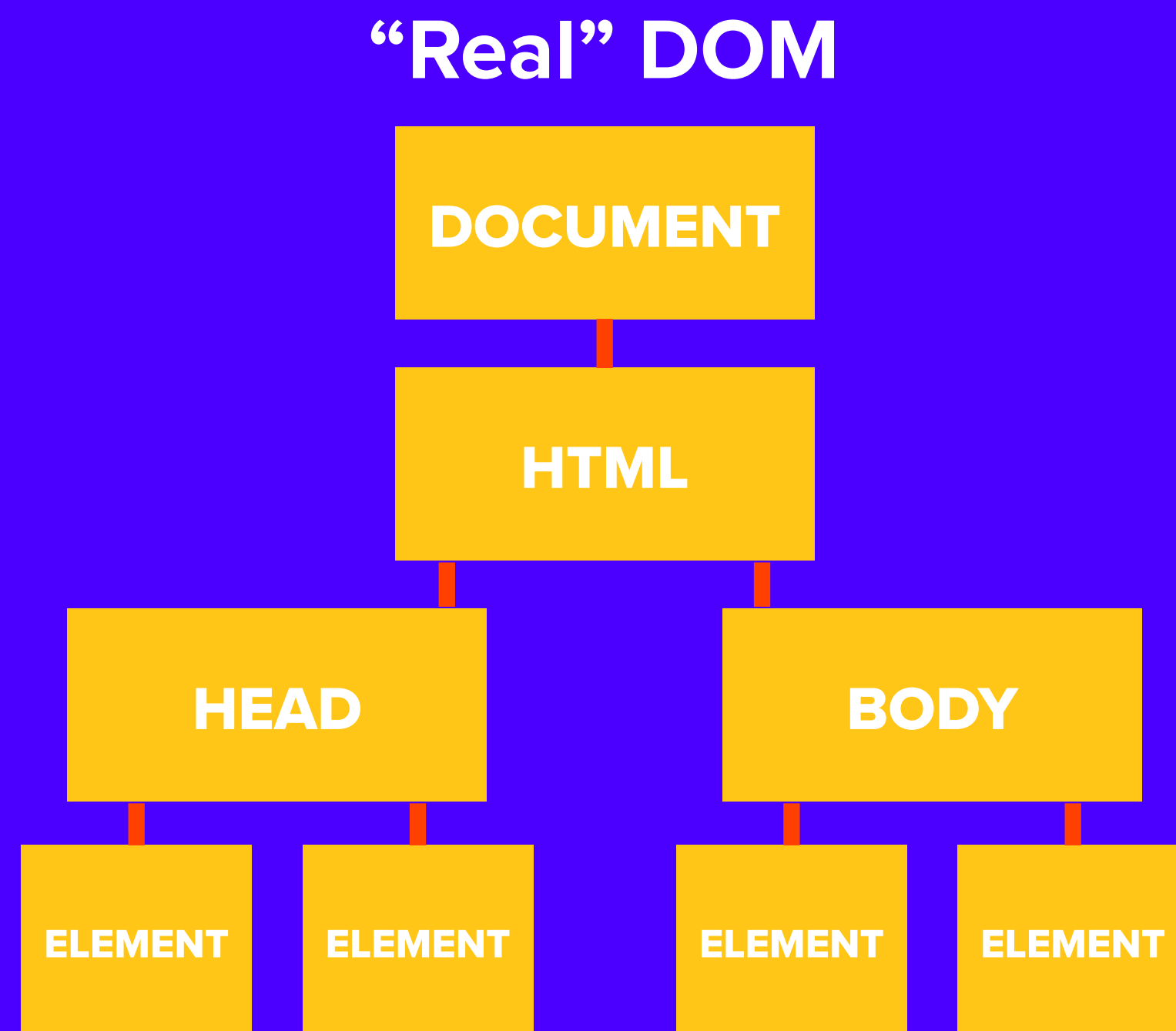
Same



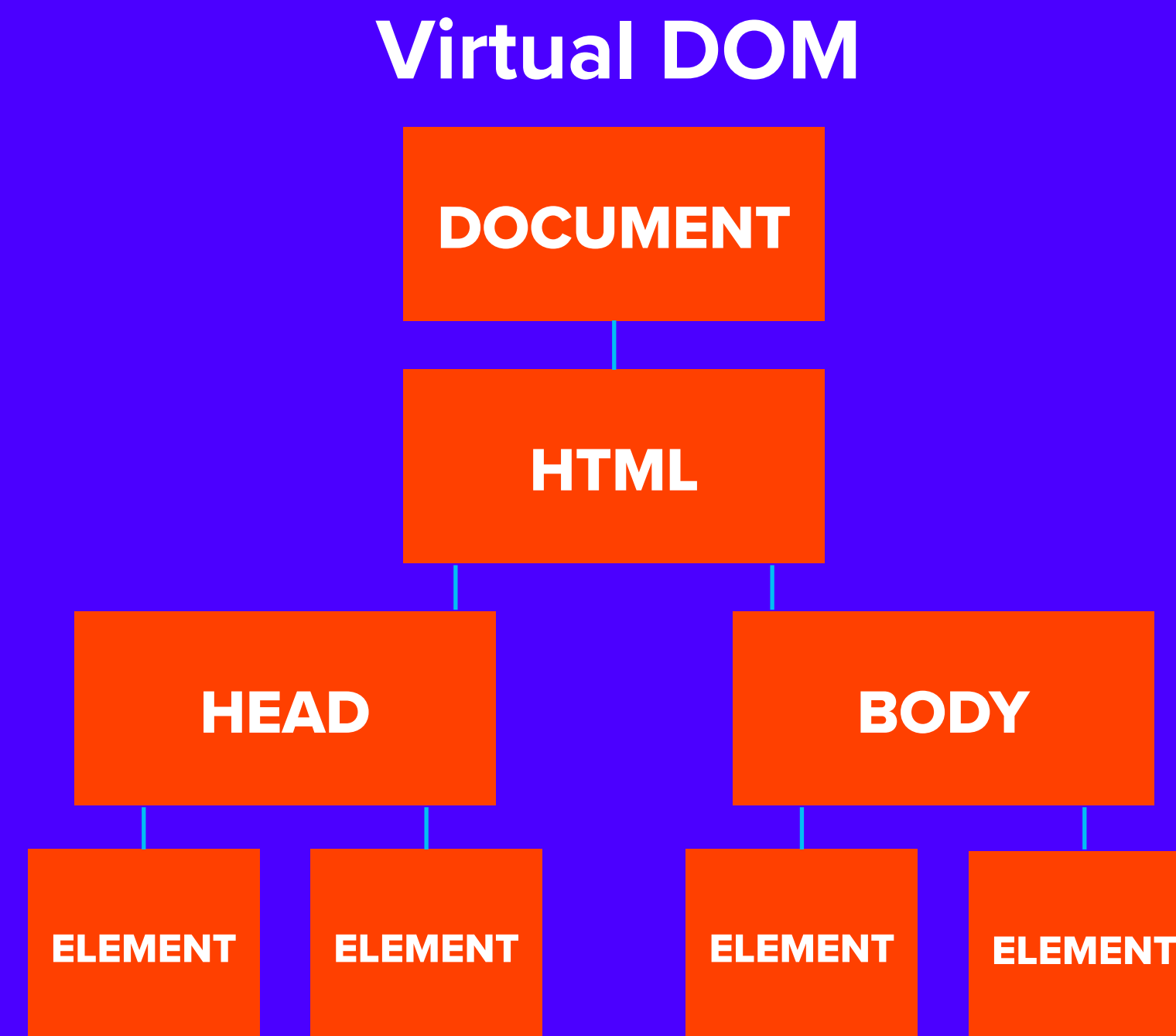
WHY REACT?

Fast vs Plain Javascript

Why? Virtual DOM



Same



Blueprints

WHY REACT?

WHY REACT?

Easy to learn

WHY REACT?

Easy to learn

Why?

WHY REACT?

Easy to learn

Why?

I know Javascript!

WHY REACT?

Easy to learn

Why?

I know Javascript!



Angular
Typescript
Hard Stuff

WHY REACT?

Easy to learn

Why?

I know Javascript!

Angular
Typescript
Hard Stuff

Profit

WHY REACT?

Easy to learn

Why?

I know Javascript!

I know Javascript!

Angular
Typescript
Hard Stuff

Profit

WHY REACT?

Easy to learn

Why?

I know Javascript! ————— React Library

I know Javascript! ————— Angular
Typescript
Hard Stuff ————— Profit

WHY REACT?

Easy to learn

Why?

I know Javascript! ————— React Library ————— Profit

I know Javascript! ————— Angular
Typescript
Hard Stuff ————— Profit

WHY REACT?

Easy to learn

Why?

I know Javascript! — React Library — Profit — Hard Stuff

I know Javascript! — Angular
Typescript
Hard Stuff — Profit

WHY REACT?

WHY REACT?

Hirable

WHY REACT?

Hirable

Money.

Exercise

**HELLO
WORLD**

NEXT UP ON REACT 11

FUNCTIONAL COMPONENTS

PROPS

**PARENT/CHILD
COMPONENTS**

BASIC STYLING

Preview: CAPSTONE

POKEDEX

