MAKING <REACT /> WICKED FAST

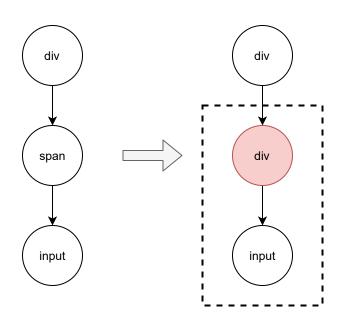
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React, when rendering, implements a heuristic O(n) algorithm based on two assumptions

- Two elements of different types will produce different trees
- A child element containing a consistent key prop is likely stable

Two elements of different types will produce different trees

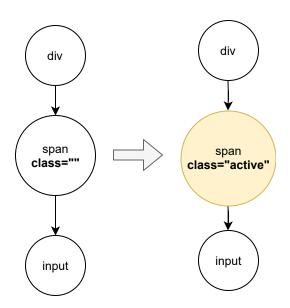
Updating element types will destory and readd the element



Changing Elements: https://codesandbox.io/s/2woyv5mrr0

Two elements of different types will produce different trees

Updating attributes will update the underlying DOM



Changing Attributes: https://codesandbox.io/s/jz0o5zn6oy

A child element containing a consistent key prop is likely stable

Keys

Questions?

(https://github.com/ganderzz/making-react-fast)