



Introduction to React - Video 3.1

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Video 3.1

VirtualDOM – How it Works

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• When a node is updated, two things occur:

• 'diff' to determine which nodes within DOM have changed

• 'reconciliation' to update the nodes that are affected

Identify nodes that have changed (*diff*)

Identify nodes that are affected by the change (*reconciliation*)

Re-render *ONLY* the nodes that were affected by change

Property of Penn Engineering - Chris Murphy

▶ 5:03 / 6:45

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Last week, we started looking at how we can create dynamic web content by embedding JavaScript in our HTML pages. And we saw jQuery, a library that made it easier to manipulate the DOM. This week, we'll look at two other libraries that allow us to create dynamic web content starting with a powerful and popular library known as React. React is a JavaScript library for building user interfaces.

In the React model, a webpage is composed of

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