

## Week 13: Research

### **2. What is React's virtual DOM, why is it important, and how does it work?**

My interpretation is that it is like AJAX. The purpose of the virtual DOM is to make things more efficient and provide a better user experience. By minimizing memory / controlling how much changes need to occur on the DOM / HTML, it can load things faster for instance. In a way, it's compartmentalizing the potential change, assessing it, then completing the manipulation/change.

<https://legacy.reactjs.org/docs/faq-internals.html>

### **3. What is Webpack and what problem does it solve?**

Webpack (a module bundler) condenses multiple files into one source/file for easier referencing and better organization. In other words, it converts multiple 'entry points' into a 'single entry point'.

<https://webpack.js.org/concepts/>