

- **What is Emmet?** Emmet is a plugin for many popular text editors that greatly improves HTML/CSS workflow by expanding short abbreviations into full code ¹.
- **Difference between a Library and Framework?** The key difference is inversion of control: with a library, your code calls the library's functions, whereas in a framework the framework calls your code within a predefined structure ².
- **What is CDN? Why do we use it?** A CDN (Content Delivery Network) is a geographically distributed network of servers that caches web assets (HTML, scripts, images, etc.) close to users ³. It is used to improve performance and reliability by serving content from locations nearer to the user, reducing latency and load times ³ ⁴.
- **Why is React known as React?** The name "React" reflects its reactive nature: React is designed to automatically "react" to changes in data by updating the user interface efficiently ⁵. This focus on building fast, responsive UIs is why the library was given the name React.
- **What is `crossorigin` in script tag?** The `crossorigin` attribute on a `<script>` element is a CORS setting that defines how the script is fetched from another domain ⁶. It lets the browser request the script with or without credentials and enables full error logging for cross-origin scripts ⁷ ⁶.
- **What is the difference between React and ReactDOM?** React is the core library for defining and creating UI components, while ReactDOM is a separate package that provides DOM-specific methods to render and update those components in a web browser ⁸.
- **What is the difference between `react.development.js` and `react.production.js` via CDN?** The development build (`react.development.js`) is unminified and includes extra warnings and debug helpers, making it easier to debug; the production build (`react.production.js`) is minified and optimized (with dev warnings removed) for performance in production ⁹.
- **What is `async` and `defer`?** Both `async` and `defer` allow scripts to download in the background without blocking page parsing ¹⁰. With `async`, each script executes as soon as it's ready (in no guaranteed order), whereas `defer` ensures scripts execute in sequence after the document has finished parsing ¹⁰.

Sources: Authoritative documentation and community Q&A on Emmet, CDN, React, and HTML script behavior ¹ ² ³ ⁴ ⁵ ⁷ ⁶ ⁸ ⁹ ¹⁰.

¹ Emmet — the essential toolkit for web-developers

<https://emmet.io/>

² Software Framework vs Library - GeeksforGeeks

<https://www.geeksforgeeks.org/software-framework-vs-library/>

³ ⁴ What is a content delivery network (CDN)? | How do CDNs work? | Cloudflare

<https://www.cloudflare.com/learning/cdn/what-is-a-cdn/>

⁵ Why is React called 'React?'. No really, there is a reason. | by Dhawal Pandya | Medium

<https://medium.com/@dhawalpandya/why-is-react-called-react-92f83b10aeac>

⁶ HTML attribute: crossorigin - HTML | MDN

<https://developer.mozilla.org/en-US/docs/Web/HTML/Reference/Attributes/crossorigin>

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