

How the Web Functions

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Abstract

This essay gives a brief introduction to what goes on “behind the scenes” when a user requests a web page in a browser. Specifically, it answers the following questions:

1. When we hit <https://www.techtonicgroup.com/> what happens? Dont focus too much on architecture (Monolithic, SOA, Microservices, etc.). Try to focus more on how the web functions.
2. From start to finish, how does that data reach you to be rendered in the browser?
3. What code is rendered in the browser
4. What is the server-side code’s main function?
5. How many instances of the client-side assets (HTML, CSS, JS, Images, etc.) are created?
6. How many instances of the server side code are available at any given time?
7. What is runtime?
8. How many instances of the databases connected to the server application are created?

This is my document, it should have 1 reference to the questions in the abstract.