

## Technical Writing Assignment

When we hit <https://www.techtonicgroup.com/> what happens?

I'm asking my computer to look up an HTML file on the web server. The server checks to see if it has it. Mean while my computer waits for it. Once it finds techtonicgroup.com it sends the file to my web browser then I can search the website. If the file is not there it will not show anything.

From start to finish how does that data reach you to be rendered in the browser?

From my knowledge and what I've read over the past few weeks. There are a few steps that have to happen before the page is rendered to me. Once you have an Internet connection, the browser goes to a DNS. Which is a group of numbers that's the websites true identity. The computer is asking the server to send a copy of the website to my browser. The server says ok, then sends me the copy of the website. Then the browser moves around the code to make it look like the web page that I want to visit.

What code is rendered in the browser?

The HTML file is what is rendered in the browser. The rest of the code like CSS and JS files is used by manipulating the DOM.

What is the server side code's main function?

The main function for the server side code is to give information to the client side server. That information will be used to display things to the client.

What is the client-side code's main function?

To give the person behind the computer information that he or she can read on the browser.

How many instances of the client-side assets (HTML, CSS, JS and IMAGE, etc.) are created?

This question kind of confuses me. I know the client-side resource is usually an HTML document, but may also be a PDF, image, or some other type of content.

How many instances of the server-side code are available at any given time?

From what I've read it's really one. The thing is you can pull from other servers so I would say infinite would be the number of server side code that can be available.

What is runtime?

Runtime is the length of time a program takes to run. It starts when the program is opened and stops when the program is closed.

How many instances of the databases connected to the server application are created?

I had to try to find the answer to this question. It states a single connection can have 0,1 or more sessions established on it.