

Interactions Between Server and Client-Side Programming

The interactions between server and client-side programming are integral to web development. While the server holds the information of a site, the client asks for and displays it. Each can exist without the other, but with significant detriment to functionality.

If the server were to act alone, its information would be difficult to understand as an end user. The site would lose its basic functionality without being navigable to the general public. Conversely, if the client were to act alone, the site would be static with limited communication between the site owner and the end user. As such, the communication between the server and the client is the most important aspect of their interaction. Specifically, the speed of that interaction. Without this communication, a website could lose its credibility.

Both intuitive navigation and dynamic interaction are a part of current standards for websites today. However, it is arguable that the client-side visuals are what is most important to both the intended client of the website and the end user. Typically, those opinions will overpower any developer's. So, while both server and client-side programming their communication are equally important to a fully-functional website, client-side programming will likely be focused on.