

Lab 3

The goal of this lab was to create a webserver capable of responding to an HTTP get request and serve a simple HTML website. The networking portion of the lab went fine, though we ran into several segfaults in the process of formatting the messages.

Most of our time on the lab was spent on properly formatting the “HTTP/1.1 200 OK\r\n” message. While just sending a portion of the header followed by the data would have probably worked, we spent a while looking into ways to properly fill the appropriate fields including dynamic ones, such as the Date field.

Once the message generation was working, the server connected properly and the webpage could be viewed from Firefox.