

HTTP Server and Client Project

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Protocol Document

The client program prompts the user to input an HTTP GET request for a desired file stored on the server computer. The client program then adds an HTTP header to the input string and sends it to the server via the “send” function. The server then receives the request and processes it by locating the desired file. The text from the file is then sent to the client program and displayed for the user to view. Browser-based clients access files from the server in the same manner, except multiple GET requests are sent per page. There is no prompt for the browser-based client as it is expected that the user will enter the server IP and port in the address bar which yields the same result.