HW 3: HTTP

The Hypertext Transport Protocol (HTTP) is the most commonly used application protocol on the Internet today. Like many network protocols, HTTP uses a client-server model. An HTTP client opens a network connection to an HTTP server and sends an HTTP request message. Then, the server replies with an HTTP response message, which usually contains some resource (e.g. file, text, binary data) that was requested by the client.

In this assignment, you will implement a HTTP server that handles HTTP GET requests. You will provide functionality through the use of HTTP response headers, add support for HTTP error codes, create directory listings with HTML, and create a HTTP proxy. The request and response headers must comply with the HTTP 1.0 protocol found here.

Getting started

To get started, log in to your development environment and get the starter code.

```
cd ~/code/personal/
git pull staff main
cd hw-http
```