

Simple HTTP server using C++

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August 2020

1 Files

- Main code:

`main.cpp`

- Headers:

`HTTPRequest.h, HTTPResponse.h, HTTPServer.h, Interrupt_handler.h`

- HTML sample files and folders:

`folder, index.html, second_page.html`

2 Compile

Cmake is available but you can compile with the following command:

```
g++ main.cpp -std=c++17 -pthread.
```

3 Run

Simply run it in terminal. It accepts a single parameter that is the port to listen, default is 8080. You can stop it using `ctrl + C`, interrupt handler will shutdown the server.

4 Features

- Interrupt handler Singleton
- Multi-thread
- Exception handling
- Multi-part form data handling
- Support user-defined handler for request and response

5 Sources

I used only std and Linux libraries. I used help of [this](#) github project.