

3. Optional request body.

Here's an example of an HTTP request:

```
.1\r\nHost: localhost:4221\r\nUser-Agent: curl/7.64.1\r\nAccept: */*\r\n\r\n
```

Here's a breakdown of the request:

```
                // HTTP method
                // Request target
                // HTTP version
                // CRLF that marks the end of the request line

221\r\n         // Header that specifies the server's host and port
7.64.1\r\n      // Header that describes the client's user agent
              // Header that specifies which media types the client can accept
              // CRLF that marks the end of the headers
```

```
empty)
```

The "request target" specifies the URL path for this request. In this example, the URL path is `/index.html`.

Note that each header ends in a CRLF, and the entire header section also ends in a CRLF.

Tests

The tester will execute your program like this:

```
$ ./your_server.sh
```