

Testing Instructions

examples of server:

```
python http_server.py 25546
```

examples of client:

```
python http_client.py gnu.org 80 # response is 301 moved
```

```
python http_client.py www.cnn.com 80 # response is 200 OK and webpage
```

```
python http_client.py www.ccwork3.com/TMDG.html 25546 # response is 200 OK and webpage
```

Easter egg:

```
curl -v -H "Brew-Coffee: True" localhost:25546/TMDG.html # response is 418 I'm a teapot
```

HTTP Client RTT Results

Testing with real websites

www.httpbin.org:80/TMDG.html (from cccwork3)

RTT(ms) : 48 49 49 49 49 51 50 50 50 51

Average: 49.6 ms

www.gnu.org:80 (from cccwork4)

RTT (ms) : 70 42 47 47 44 31 53 59 46 42

Average: 48.1 ms

Testing with my http_server

cccwork4.wpi.edu:22535/TMDG.html (from cccwork3)

RTT(ms) : 9 3 3 3 3 3 3 3 3 3

Average: 3.6 ms

my-laptop-ip:22888/TMDG.html (from cccwork4)

RTT(ms) : 11 8 6 9 9 6 16 15 16 13

Average: 10.9 ms