README

实验内容：

编辑运行配置: 'Client'

名称(N): Client   ☐ 存储为项目文件(S) ⚙

运行于: 🏠 本地机器   ▼   管理目标...

运行配置可以在本地或目标上执行: 例如，在 Docker 容器中或使用 SSH 在远程主机上执行。

构建并运行   修改选项(M) ∨ ⌥M

java 8 'Exercise 2' 模块的 S ▼   ssd8.socket.http.Client

127.0.0.1

应用程序的 CLI 实参. ⌥R

工作目录(W): /Users/yangxixuan/Desktop/Exercise2

环境变量(E):

用分号分隔变量: VAR=value; VAR1=value1

启动时打开运行/调试工具窗口 ✕

代码覆盖率   修改 ∨

要包含在覆盖率数据中的软件包和类

− +

?   取消   应用(A)   确定

3. 服务器根目录设置：（我设的get请求的根目录和put请求的目标目录都是服务器根目录）

GET请求返回200

/Library/Java/JavaVirtualMachines/jdk1.8.0_211.jdk/Contents/Home/bin/java ...
127.0.0.1 is listening to your request:
GET /face.jpg HTTP/1.1
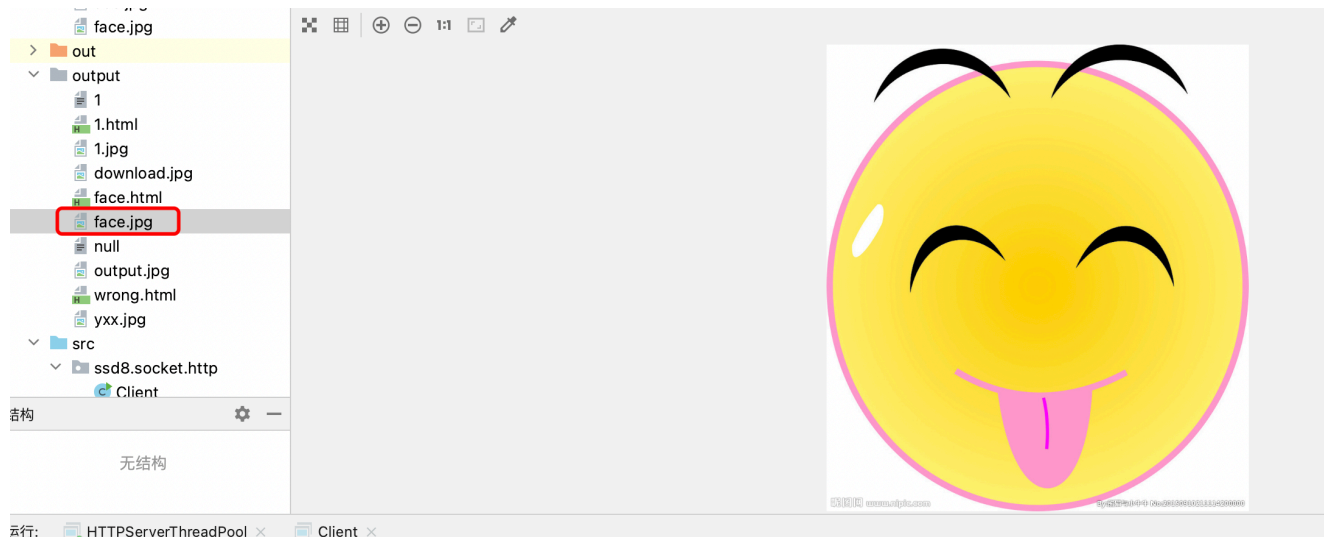Header:

HTTP/1.1 200 OK
Server: MyHttpServer/1.0
Content-Type: image/jpeg
Content-Length: 265650
Date: Fri Oct 28 23:41:15 CST 2022
Connection: keep-alive

Enter the name of the file to save: face.jpg
SUCCESS: file saved to /Users/yangxixuan/Desktop/Exercise2/output/face.jpg

face.jpg

out

output
1
1.html
1.jpg
download.jpg
face.html
face.jpg
null
output.jpg
wrong.html
yxx.jpg

src
ssd8.socket.http
Client

结构
无结构

运行: HTTPServerThreadPool   ✕   Client   ✕

GET请求返回404

127.0.0.1 is listening to your request:
GET /1.jpg HTTP/1.1
Header:

HTTP/1.1 404 Not Found
Server: MyHttpServer/1.0
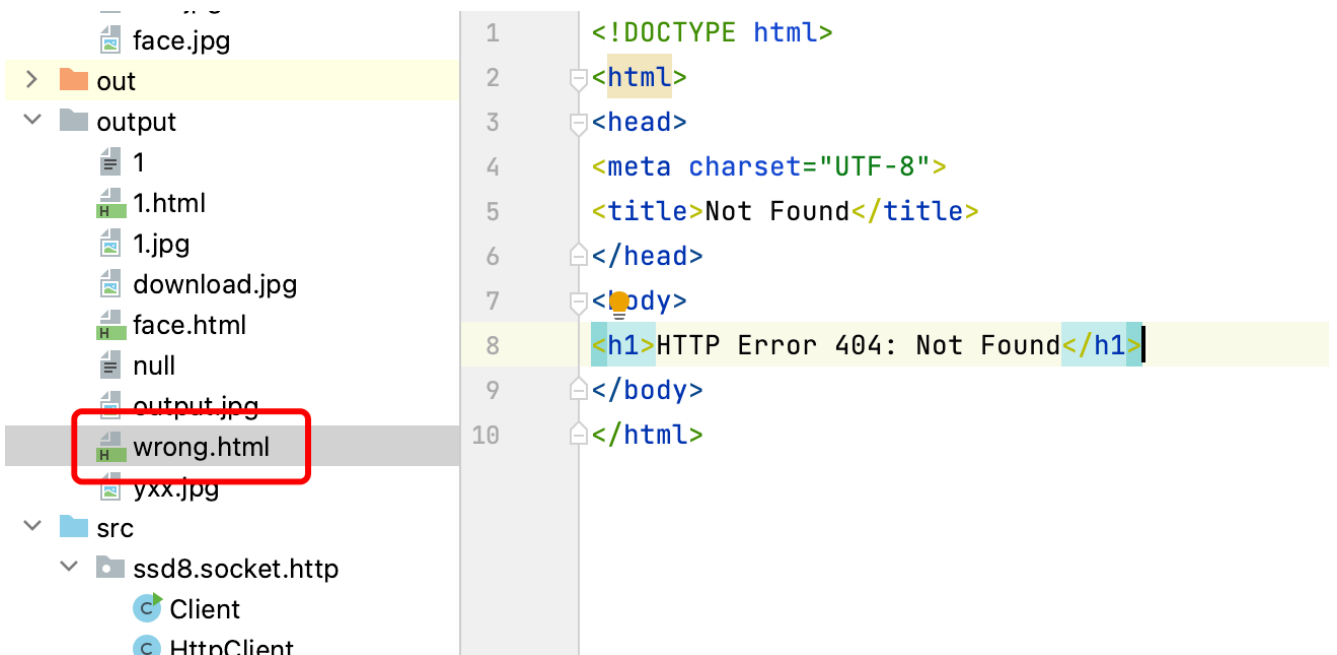Content-Type: text/html; charset=utf-8
Content-Length: 154
Date: Fri Oct 28 23:38:56 CST 2022
Connection: keep-alive

Enter the name of the file to save: wrong.html
SUCCESS: file saved to /Users/yangxixuan/Desktop/Exercise2/output/wrong.html

```
       face.jpg
  >    out
  ∨    output
         1
         1.html
         1.jpg
         download.jpg
         face.html
         null
         output.jpg
         wrong.html
         yxx.jpg
  ∨    src
    ∨    ssd8.socket.http
           Client
           HttpClient
```

```
1   <!DOCTYPE html>
2   <html>
3   <head>
4   <meta charset="UTF-8">
5   <title>Not Found</title>
6   </head>
7   <body>
8   <h1>HTTP Error 404: Not Found</h1>
9   </body>
10  </html>
```

返回505

/Library/Java/JavaVirtualMachines/jdk1.8.0_211.jdk/Contents/Home/bin/java ...
127.0.0.1 is listening to your request:
GET /face.jpg HTTP/1.2
Header:

HTTP/1.1 505 HTTP Version Not Supported
Server: MyHttpServer/1.0
Content-Type: text/html; charset=utf-8
Content-Length: 188
Date: Fri Oct 28 23:44:05 CST 2022
Connection: keep-alive

Enter the name of the file to save: wrong.html
SUCCESS: file saved to /Users/yangxixuan/Desktop/Exercise2/output/wrong.html

```
项目          C Client.java    wrong.html    face.jpg    C HttpClient.java    C BufferedOu
       face.jpg
         null
         output.jpg
         wrong.html
         yxx.jpg
  ∨    src
    ∨    ssd8.socket.http
           Client
           HttpClient
结构
       a↓z  5  ⊼  ⊽
  ∨  <> html
    >  <> head
    >  <> body
```

```
1   <!DOCTYPE html>
2   <html>
3   <head>
4   <meta charset="UTF-8">
5   <title>HTTP Version Not Supported</title>
6   </head>
7   <body>
8   <h1>HTTP Error 505: HTTP Version Not Supported</h1>
9   </body>
10  </html>
11  <h1>HTTP Version Not Supported</h1>
12  </body>
```

返回400

```
127.0.0.1 is listening to your request:
GET 1 HTTP/1.1 2
Header:


HTTP/1.1 400 Bad Request
Server: MyHttpServer/1.0
Content-Type: text/html; charset=utf-8
Content-Length: 158
Date: Fri Oct 28 23:47:14 CST 2022
Connection: keep-alive



Enter the name of the file to save: |
```

除了get成功客户端拿到文件生成文件都是html，时间关系不截图了。

PUT返回200

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_211.jdk/Contents/Home/bin/java ...
127.0.0.1 is listening to your request:
PUT /face.jpg HTTP/1.1
file exist
Header:

HTTP/1.1 200 OK
Server: MyHttpServer/1.0
Content-Type: text/html; charset=utf-8
Content-Length: 0
Date: Fri Oct 28 23:51:06 CST 2022
Connection: keep-alive
```

PUT返回201

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_211.jdk/Contents/Home/bin/java ...
127.0.0.1 is listening to your request:
PUT /1.txt HTTP/1.1
file exist
Header:

HTTP/1.1 201 Created
Server: MyHttpServer/1.0
Content-Type: text/html; charset=utf-8
Content-Length: 0
Date: Fri Oct 28 23:54:34 CST 2022
Connection: keep-alive
```

还有这些响应都支持，时间关系就不截图了，注释自我感觉写的挺丰富的。