Exam 1 - HttpProxy

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Key point

- 1. used **thread pool** to implement multi-thread operations.
- 2. used **strategy design pattern** to reduce maintenance difficulty, and clear the code.
- 3. used **builder design pattern** to keep [HttpRequest] and [HttpResponse] constant, and provide flexible build process.
- 4. defined **HTTP status** name and corresponding code.
- 5. considered robustness.

How to run

Run

```
java -jar HttpProxy.jar
# or you want to run on another port
java -jar HttpProxy.jar 1080
```

Note

1. Most browser use HTTP/1.1 as default HTTP version. If you want this proxy can support HTTP/1.1, you can uncomment the code in HttpHandler.java on 94 and 95 lines.

Demo shootscreen

