Gowebgo

A CLI web proxy and request inspector/editor written in Golang, adapting the
go-httpproxy library (source available here).

CA certificate

1. Download ca_cert.pem from http://127.0.0.1:8081/cert using

```
curl http://127.0.0.1:8081/cert > ca_cert.pem
```

2. Import ca_cert.pem into browser CA certificates.

User Interface

Yes, the name is a reference to Spiderman 1 (with Toby Maguire).

```
 -Gowebgo-   Port: 8081  |  Editor: vim  |  Intercept: OFF

POST https://www.google.com:443/gen_204?atyp=i&ei=2T2OYq7lKcOhgQaYxbmgBQ&ct=slh&v=t1&im=M&pv=0.702507678344997&me=184:1653489129599,
Accept: */*
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.5
Connection: keep-alive
Content-Length: 0
Cookie: NID=511=nbbrJna6LT1VzGKoPEGpk6jNLcW7zWyTk5VDm9THCjbhrDSsAA8LJTlr5CTwA_4lJEeS3xXotGjds1aTdjU8bWIkvsM6TNfXH9mcHpG8qM2iSzRAGwWP
Origin: https://www.google.com
Referer: https://www.google.com/
Sec-Fetch-Dest: empty
Sec-Fetch-Mode: no-cors
Sec-Fetch-Site: same-origin
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:100.0) Gecko/20100101 Firefox/100.0

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ID      Name            Host                            Resp      Code    Time
37      req_37          www.google.com                  false     200     16:32:12
36      req_36          www.google.com                  false     200     16:32:09
35      req_35          www.google.com                  false     200     16:32:07
34      req_34          www.google.com                  false     200     16:32:05
33      req_33          push.services.mozilla.com       false     200     16:32:02
32      req_32          www.google.com                  false     200     16:31:59
31      req_31          googleads.g.doubleclick.net     false     200     16:31:58
30      req_30          adservice.google.co.za          false     200     16:31:58
29      req_29          adservice.google.com            false     200     16:31:58
28      req_28          googleads.g.doubleclick.net     false     200     16:31:57
27      req_27          adservice.google.co.za          false     200     16:31:57
26      req_26          www.google.com                  false     200     16:31:56
25      req_25          www.google.com                  false     200     16:31:56
24      req_24          www.google.com                  false     200     16:31:56
23      req_23          safebrowsing.googleapis.com     false     200     16:31:56
22      req_20          www.google.com                  false     200     16:31:56
21      req_20          www.google.com                  false     200     16:31:56
20      req_20          www.google.com                  false     200     16:31:56
19      req_19          ssl.gstatic.com                 false     200     16:31:56
18      req_18          www.google.com                  false     200     16:31:56
17      req_17          www.google.com                  false     200     16:31:56
16      req_16          www.google.com                  false     200     16:31:55
15      req_15          www.google.com                  false     200     16:31:55
14      req_14          www.google.com                  false     200     16:31:55
13      req_13          www.google.com                  false     200     16:31:55
12      req_12          www.google.com                  false     200     16:31:55
11      req_11          www.google.com                  false     200     16:31:55
10      req_10          www.google.com                  false     200     16:31:54
9       req_9           www.google.com                  false     200     16:31:54
8       req_8           www.google.com                  false     200     16:31:54
7       req_7           www.google.com                  false     200     16:31:54
6       req_6           www.google.com                  false     200     16:31:54
5       req_5           www.google.com                  false     200     16:31:54

------------------------------------------------------------------------------------------------

Usage: <cmd> [-r req_id | request]
Edit (e) Rename (r) Send (s) Delete (d) Quit (q)

> []
```

Figure 1: User Interface

Figure 2: Go web go