



General	
Request URL:	http://localhost:5000/
Request Method:	GET
Status Code:	200 OK
Remote Address:	127.0.0.1:5000
Referrer Policy:	strict-origin-when-cross-origin
Response Headers	view source
Content-Length:	500
Content-Type:	text/html; charset=UTF-8
Date:	Fri, 26 Mar 2021 08:06:46 GMT
Server:	WSGIServer/0.2 CPython/3.8.5
Set-Cookie:	sid=d1cd0179-c359-4da0-98c2-7c7642f45f5c

The screenshot shows the Chrome DevTools Network tab with the 'Headers' sub-tab selected. The left sidebar shows 'localhost' as the selected resource. The main panel displays the following information:

- General**
 - Request URL: `http://localhost:5000/`
 - Request Method: `GET`
 - Status Code: 200 OK
 - Remote Address: `127.0.0.1:5000`
 - Referrer Policy: `strict-origin-when-cross-origin`
- Response Headers** [view source](#)
 - Content-Length: `500`
 - Content-Type: `text/html; charset=UTF-8`
 - Date: `Fri, 26 Mar 2021 08:07:04 GMT`
 - Server: `WSGIServer/0.2 CPython/3.8.5`
 - Set-Cookie: `sid=d1cd0179-c359-4da0-98c2-7c7642f45f5c`

[illegible]

```
student@tuffix-vm: ~/Desktop/cpsc449/bottle/counter
student@tuffix-vm:~/Desktop$ cd cpsc449/bottle/counter
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ python3 ./dump.py http://localhost:5100
{"edc3559c-b611-451a-91bd-cdce668e1693": {"count1": "2", "count2": "0"}}
{"d1cd0179-c359-4da0-98c2-7c7642f45f5c": {"count1": "6", "count2": "2"}}
{"f139ba7d-385a-48d8-b2e9-5a62eef80686": {"count1": "1", "count2": "0"}}
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$
```

Counter 1: 1

Counter 2: 0

Increment Counter 2

Reset

Elements Console Sources Network Performance Memory Application Security Lighthouse

Filter

Hide data URLs

XHR JS CSS Img Media Font Doc WS Manifest Other

Has blocked cookies

Blocked Requests

Use large request rows

Group by frame

Show overview

Capture screenshots

20 ms 40 ms 60 ms 80 ms 100 ms 120 ms 140 ms 160 ms 180 ms 200 ms 220 ms 240 ms 260 ms

Name

reset

localhost

Headers

Preview

Response

Initiator

Timing

Cookies

General

Request URL: http://localhost:5000/

Request Method: GET

Status Code: 200 OK

Remote Address: 127.0.0.1:5000

Referrer Policy: strict-origin-when-cross-origin

Response Headers

Content-Length: 500

Content-Type: text/html; charset=UTF-8

Date: Fri, 26 Mar 2021 08:11:22 GMT

Server: WSGIServer/0.2 CPython/3.8.5

Set-Cookie: sid=9ea60a2e-ed87-4180-b09d-e8a542b1518c

```
student@tuffix-vm: ~/Desktop/cpsc449/bottle/counter
student@tuffix-vm:~/Desktop$ cd cpsc449/bottle/counter
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ python3 ./dump.py http://localhost:5100
{"edc3559c-b611-451a-91bd-cdce668e1693": {"count1": "2", "count2": "0"}}
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student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ python3 ./dump.py http://localhost:5100
{"9ea60a2e-ed87-4180-b09d-e8a542b1518c": {"count1": "1", "count2": "0"}}
{"edc3559c-b611-451a-91bd-cdce668e1693": {"count1": "2", "count2": "0"}}
{"f139ba7d-385a-48d8-b2e9-5a62eef80686": {"count1": "1", "count2": "0"}}
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$
```

```
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ http PUT localhost:5100 foo=bar
HTTP/1.0 200 OK
Content-Length: 14
Content-Type: application/json
Date: Fri, 19 Mar 2021 05:50:00 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "foo": "bar"
}
```

```
student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ http localhost:5100/foo
HTTP/1.0 200 OK
Content-Length: 14
Content-Type: application/json
Date: Fri, 19 Mar 2021 05:50:30 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "foo": "bar"
}
```

```

student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ http DELETE localhost:5100/foo
HTTP/1.0 200 OK
Content-Length: 14
Content-Type: application/json
Date: Fri, 19 Mar 2021 05:52:12 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "foo": "bar"
}

student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ http localhost:5100
HTTP/1.0 200 OK
Content-Length: 12
Content-Type: application/json
Date: Fri, 19 Mar 2021 05:52:27 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "keys": []
}

```

GET `/?prefix=PREFIX` - returns a list of all keys matching *PREFIX*

```

student@tuffix-vm:~/Desktop/cpsc449/bottle/counter$ http localhost:5100?prefix=f
HTTP/1.0 200 OK
Content-Length: 17
Content-Type: application/json
Date: Fri, 19 Mar 2021 05:51:24 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "keys": [
    "foo"
  ]
}

```

```
student@tufflix-vm:~/Desktop/cpsc449/bottle/counter$ http PUT localhost:5100 twitter=https://twitter.com/ProfAvery
HTTP/1.0 200 OK
Content-Length: 45
Content-Type: application/json
Date: Fri, 19 Mar 2021 06:09:27 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "twitter": "https://twitter.com/ProfAvery"
}

student@tufflix-vm:~/Desktop/cpsc449/bottle/counter$ http PUT localhost:5100 github=https://github.com/ProfAvery
HTTP/1.0 200 OK
Content-Length: 43
Content-Type: application/json
Date: Fri, 19 Mar 2021 06:09:32 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "github": "https://github.com/ProfAvery"
}

student@tufflix-vm:~/Desktop/cpsc449/bottle/counter$ http PUT localhost:5100 cpsc449=https://sites.google.com/view/cpsc449
HTTP/1.0 200 OK
Content-Length: 53
Content-Type: application/json
Date: Fri, 19 Mar 2021 06:10:10 GMT
Server: WSGIServer/0.2 CPython/3.8.5

{
  "cpsc449": "https://sites.google.com/view/cpsc449"
}
```

```
student@tufflix-vm:~/Desktop/cpsc449/bottle/counter$ python3 ./dump.py http://localhost:5100
{"cpsc449": "https://sites.google.com/view/cpsc449"}
{"github": "https://github.com/ProfAvery"}
{"twitter": "https://twitter.com/ProfAvery"}
```