

EXERCISE 1: HTTP

Answers:

1)

The screenshot shows a web client interface with a GET request to `https://httpbin.org/`. The response status is **200 OK** with a response time of **807 ms** and a body size of **9.4 KB**. The response is a preview of the `httpbin.org` website, which includes the version **0.9.2** and a description: "A simple HTTP Request & Response Service." It also provides instructions on how to run the service locally using Docker: `$ docker run -p 80:80 kennethreitz/httpbin`. Links for "the developer - Website" and "Send email to the developer" are also visible. The left sidebar shows the URL preview, query parameters, and path parameters.

The screenshot shows the same web client interface, but with the **Headers** tab selected. The response status is **200 OK** with a response time of **1.24 s** and a body size of **9.4 KB**. The headers are displayed in a table with columns **NAME** and **VALUE**.

NAME	VALUE
date	Wed, 12 Mar 2025 12:36:12 GMT
content-type	text/html; charset=utf-8
content-length	9593
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

The left sidebar shows the request headers: **Accept** (*/*), **Host** (<calculated at runtime>), **User-Agent** (insomnia/10.3.1), **Content-Type** (application/json), and **Accept-Encoding** (gzip).

2)

GET <https://httpbin.org/anything> Send 200 OK 1.05 s 345 B Just Now

Params (1) Body Auth Headers (3) Scripts Docs

URL PREVIEW
<https://httpbin.org/anything?>

QUERY PARAMETERS
Import from URL Bulk Edit
+ Add Delete all Description

name	value
------	-------

PATH PARAMETERS
Path parameters are url path segments that start with a colon ':'
e.g. ':id'

Preview

```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Host": "httpbin.org",
9     "User-Agent": "insomnia/10.3.1",
10    "X-Amzn-Trace-Id": "Root=1-67cdc9df-72d9a125380bb77100d479ae"
11  },
12  "json": null,
13  "method": "GET",
14  "origin": "177.9.9.111",
15  "url": "https://httpbin.org/anything"
16 }
```

\$.store.books[*].author

GET <https://httpbin.org/anything> Send 200 OK 859 ms 449 B Just Now

Params (1) Body Auth Headers (5) Scripts Docs

+ Add Delete all Description

NAME	VALUE
date	Wed, 12 Mar 2025 12:37:16 GMT
content-type	application/json
content-length	449
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

3)

POST ▼ https://httpbin.org/anything Send ▼ 200 OK 1.08 s 374 B Just Now ▼

Params 1 Body Auth Headers 3 Scripts Docs

URL PREVIEW
https://httpbin.org/anything?

QUERY PARAMETERS
Import from URL 🔗 Bulk Edit

+ Add 🗑️ Delete all 📄 Description

name	value	▼	📄	🗑️
------	-------	---	---	----

PATH PARAMETERS

📘 Path parameters are url path segments that start with a colon ':'
e.g. 'id' ✕

Preview ▼

```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Content-Length": "0",
9     "Host": "httpbin.org",
10    "User-Agent": "insomnia/10.3.1",
11    "X-Amzn-Trace-Id": "Root=1-67cdca3d-
12    17446f8f220d219a09c20ec5"
13  },
14   "json": null,
15   "method": "POST",
16   "origin": "177.9.9.111",
17   "url": "https://httpbin.org/anything"
18 }
```

🔗 \$store.books[*].author 📘

POST ▼ https://httpbin.org/anything Send ▼ 200 OK 1.62 s 450 B Just Now ▼

Params 1 Body 🟢 Auth Headers 5 Scripts Docs

+ Add 🗑️ Delete all 📄 Description

Accept	*/*	▼	📄	🗑️
Host	<calculated at runtime>			
User-Agent	insomnia/10.3.1	▼	📄	🗑️
Content-Type	application/json	▼	📄	🗑️
Accept-Encoding	gzip	▼	📄	🗑️

Preview ▼ Headers 6 Cookies Tests 0/0 → Mock 🔗 🔗

NAME	VALUE
date	Wed, 12 Mar 2025 12:37:57 GMT
content-type	application/json
content-length	450
server	unicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

📄 Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

4)

GET <https://httpbin.org/anything> Send 200 OK 717 ms 381 B Just Now

Params 1 Body Auth Headers 3 Scripts Docs

URL PREVIEW
<https://httpbin.org/anything?value=panda>

QUERY PARAMETERS Import from URL Bulk Edit
+ Add Delete all Description

key	value
value	panda

PATH PARAMETERS
Path parameters are url path segments that start with a colon ':' e.g. ':id'

Preview Headers 6 Cookies Tests 0/0 → Mock

```
1 {
2   "args": {
3     "value": "panda"
4   },
5   "data": "",
6   "files": {},
7   "form": {},
8   "headers": {
9     "Accept": "*/*",
10    "Host": "httpbin.org",
11    "User-Agent": "insomnia/10.3.1",
12    "X-Amzn-Trace-Id": "Root=1-67cdca81-2b6c3aee2351c7924e7a3ea8"
13  },
14  "json": null,
15  "method": "GET",
16  "origin": "177.9.9.111",
17  "url": "https://httpbin.org/anything?value=panda"
18 }
```

\$.store.books[*].author

GET <https://httpbin.org/anything> Send 200 OK 1.27 s 399 B Just Now

Params 1 Body Auth Headers 4 Scripts Docs

+ Add Delete all Description

NAME	VALUE
date	Wed, 12 Mar 2025 12:38:51 GMT
content-type	application/json
content-length	399
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

Source code and Raw data have the same textual structure.

Obs: the User-Agent is optional (Insomnia automatically puts the header in the HTTP method).

5)

DELETE <http://www.google.com/robots.txt> Send 200 OK 113 ms 8.8 KB Just Now

Params 1 Body Auth Headers 3 Scripts Docs

URL PREVIEW
<http://www.google.com/robots.txt>

QUERY PARAMETERS Import from URL Bulk Edit

+ Add Delete all Description

name	value
------	-------

PATH PARAMETERS

Path parameters are url path segments that start with a colon ':'
e.g. 'id'

Preview

```
1 User-agent: *
2 Disallow: /search
3 Allow: /search/about
4 Allow: /search/static
5 Allow: /search/howsearchworks
6 Disallow: /sdch
7 Disallow: /groups
8 Disallow: /index.html?
9 Disallow: /?
10 Allow: /?hl=
11 Disallow: /?hl=*
12 Allow: /?hl=*gws_rd=ssl$
13 Disallow: /?hl=*gws_rd=ssl
14 Allow: /?gws_rd=ssl$
15 Allow: /?pti=true$
16 Disallow: /imgres
17 Disallow: /u/
18 Disallow: /setprefs
19 Disallow: /default
20 Disallow: /m?
21 Disallow: /m/
22 Allow: /m/finance
23 Disallow: /wml?
24 Disallow: /wml/?
25 Disallow: /wml/search?
26 Disallow: /xhtml?
27 Disallow: /xhtml/?
28 Disallow: /xhtml/search?
29 Disallow: /xml?
30 Disallow: /imode?
31 Disallow: /imode/?
```

Preview:

User-agent: *

Disallow: /search

Allow: /search/about

Allow: /search/static

Allow: /search/howsearchworks

Disallow: /sdch

Disallow: /groups

Disallow: /index.html?

Disallow: /?

Allow: /?hl=

Disallow: /?hl=* &

Allow: /?hl=* & gws_rd=ssl\$

Disallow: /?hl=* & * & gws_rd=ssl

Allow: /?gws_rd=ssl\$

Allow: /?pt1=true\$

Disallow: /imgres

Disallow: /u/

Disallow: /setprefs

Disallow: /default

Disallow: /m?

Disallow: /m/

Allow: /m/finance

Disallow: /wml?

Disallow: /wml/?

Disallow: /wml/search?

Disallow: /xhtml?

Disallow: /xhtml/?

Disallow: /xhtml/search?

Disallow: /xml?

Disallow: /imode?

Disallow: /imode/?

Disallow: /imode/search?

Disallow: /jsky?

Disallow: /jsky/?

Disallow: /jsky/search?

Disallow: /pda?

Disallow: /pda/?

Disallow: /pda/search?

Disallow: /sprint_xhtml

Disallow: /sprint_wml

Disallow: /pqa

Disallow: /gwt/

Disallow: /purchases

Disallow: /local?

Disallow: /local_url

Disallow: /shihui?

Disallow: /shihui/

Disallow: /products?

Disallow: /product_

Disallow: /products_

Disallow: /products;

Disallow: /print

Disallow: /books/

Disallow: /bkshp?*q=*

Disallow: /books?*q=*

Disallow: /books?*output=*

Disallow: /books?*pg=*

Disallow: /books?*jtp=*

Disallow: /books?*jscmd=*

Disallow: /books?*buy=*

Disallow: /books?*zoom=*

Allow: /books?*q=related:*

Allow: /books?*q=editions:*

Allow: /books?*q=subject:*

Allow: /books/about

Allow: /booksrightsholders

Allow: /books?*zoom=1*

Allow: /books?*zoom=5*

Allow: /books/content?*zoom=1*

Allow: /books/content?*zoom=5*

Disallow: /ebooks/

Disallow: /ebooks?*q=*

Disallow: /ebooks?*output=*

Disallow: /ebooks?*pg=*

Disallow: /ebooks?*jscmd=*

Disallow: /ebooks?*buy=*

Disallow: /ebooks?*zoom=*

Allow: /ebooks?*q=related:*

Allow: /ebooks?*q=editions:*

Allow: /ebooks?*q=subject:*

Allow: /ebooks?*zoom=1*

Allow: /ebooks?*zoom=5*

Disallow: /patents?

Disallow: /patents/download/

Disallow: /patents/pdf/

Disallow: /patents/related/

Disallow: /scholar

Disallow: /citations?

Allow: /citations?user=

Disallow: /citations?*cstart=

Allow: /citations?view_op=new_profile

Allow: /citations?view_op=top_venues

Allow: /scholar_share

Disallow: /s?

Disallow: /maps?

Allow: /maps?*output=classic*

Allow: /maps?*file=

Disallow: /mapstt?

Disallow: /mapslt?

Disallow: /mapabcpoi?

Disallow: /maphp?

Disallow: /mapprint?

Disallow: /maps/

Allow: /maps/search/

Allow: /maps/dir/

Allow: /maps/d/

Allow: /maps/reserve

Allow: /maps/about

Allow: /maps/match

Allow: /maps/?entry=wc

Allow: /maps/place/

Allow: /maps/_/*

Allow: /search?*tbn=map

Allow: /maps/preview/

Allow: /maps/vt?

Disallow: /maps/api/js/

Allow: /maps/api/js

Disallow: /mld?

Disallow: /staticmap?

Disallow: /help/maps/streetview/partners/welcome/

Disallow: /help/maps/indoor maps/partners/

Disallow: /lochp?

Disallow: /center

Disallow: /ie?

Disallow: /blogsearch/

Disallow: /blogsearch_feeds

Disallow: /advanced_blog_search

Disallow: /uds/

Disallow: /chart?

Disallow: /transit?

Allow: /calendar\$

Allow: /calendar/about/

Disallow: /calendar/

Disallow: /cl2/feeds/

Disallow: /cl2/ical/

Disallow: /coop/directory

Disallow: /coop/manage

Disallow: /trends?

Disallow: /trends/music?

Disallow: /trends/hottrends?

Disallow: /trends/viz?

Disallow: /trends/embed.js?

Disallow: /trends/fetchComponent?

Disallow: /trends/beta

Disallow: /trends/topics

Disallow: /trends/explore?

Disallow: /trends/embed

Disallow: /trends/api

Disallow: /musica

Disallow: /musicad

Disallow: /musicas

Disallow: /musicl

Disallow: /musics

Disallow: /musicsearch

Disallow: /musicsp

Disallow: /musiclp

Disallow: /urchin_test/

Disallow: /movies?

Disallow: /wapsearch?

Allow: /safebrowsing/diagnostic

Allow: /safebrowsing/report_badware/

Allow: /safebrowsing/report_error/

Allow: /safebrowsing/report_phish/

Disallow: /reviews/search?

Disallow: /orkut/albums

Disallow: /cbk

Disallow: /recharge/dashboard/car

Disallow: /recharge/dashboard/static/

Disallow: /profiles/me

Allow: /profiles

Disallow: /s2/profiles/me

Allow: /s2/profiles

Allow: /s2/oz

Allow: /s2/photos

Allow: /s2/search/social

Allow: /s2/static

Disallow: /s2

Disallow: /transconsole/portal/

Disallow: /gcc/

Disallow: /aclk

Disallow: /cse?

Disallow: /cse/home

Disallow: /cse/panel

Disallow: /cse/manage

Disallow: /tbproxy/

Disallow: /imesync/

Disallow: /shenghuo/search?

Disallow: /support/forum/search?

Disallow: /reviews/polls/

Disallow: /hosted/images/

Disallow: /ppob/?

Disallow: /ppob?

Disallow: /accounts/ClientLogin

Disallow: /accounts/ClientAuth

Disallow: /accounts/o8

Allow: /accounts/o8/id

Disallow: /topicsearch?q=

Disallow: /xfx7/

Disallow: /squared/api

Disallow: /squared/search

Disallow: /squared/table

Disallow: /qnasearch?

Disallow: /app/updates

Disallow: /sidewiki/entry/

Disallow: /quality_form?

Disallow: /labs/popgadget/search

Disallow: /buzz/post

Disallow: /compressiontest/

Disallow: /analytics/feeds/

Disallow: /analytics/partners/comments/

Disallow: /analytics/portal/

Disallow: /analytics/uploads/

Allow: /alerts/manage

Allow: /alerts/remove

Disallow: /alerts/

Allow: /alerts/\$

Disallow: /ads/search?

Disallow: /ads/plan/action_plan?

Disallow: /ads/plan/api/

Disallow: /ads/hotels/partners

Disallow: /phone/compare/?

Disallow: /travel/clk

Disallow: /travel/entity

Disallow: /travel/search

Disallow: /travel/flights/s/

Disallow: /travel/hotels/entity

Disallow: /travel/hotels/*/entity

Disallow: /travel/hotels/stories

Disallow: /travel/hotels/*/stories

Disallow: /travel/story

Disallow: /hotelfinder/rpc

Disallow: /hotels/rpc

Disallow: /commercesearch/services/

Disallow: /evaluation/

Disallow: /chrome/browser/mobile/tour

Disallow: /compare/*/apply*

Disallow: /forms/perks/

Disallow: /shopping/suppliers/search

Disallow: /ct/

Disallow: /edu/cs4hs/

Disallow: /trustedstores/s/

Disallow: /trustedstores/tm2

Disallow: /trustedstores/verify

Disallow: /adwords/proposal

Disallow: /shopping?*

Disallow: /shopping/product/

Disallow: /shopping/seller

Disallow: /shopping/ratings/account/metrics

Disallow: /shopping/ratings/merchant/immersivedetails

Disallow: /shopping/reviewer

Disallow: /shopping/search

Disallow: /shopping/deals

Disallow: /storefront

Disallow: /storepicker

Allow: /about/careers/applications/

Allow: /about/careers/applications-a/

Allow: /about/careers/applications/teams/

Allow: /about/careers/applications-a/teams/

Allow: /about/careers/applications/locations/

Allow: /about/careers/applications-a/locations/

Allow: /about/careers/applications/benefits/

Allow: /about/careers/applications-a/benefits/

Allow: /about/careers/applications/students/
Allow: /about/careers/applications-a/students/
Allow: /about/careers/applications/jobs/results/\$
Allow: /about/careers/applications-a/jobs/results/\$
Allow: /about/careers/applications/cloud/
Allow: /about/careers/applications-a/cloud/
Allow: /about/careers/applications/hardware/
Allow: /about/careers/applications-a/hardware/
Allow: /about/careers/applications/eeo/
Allow: /about/careers/applications-a/eeo/
Allow: /about/careers/applications/how-we-hire/
Allow: /about/careers/applications-a/how-we-hire/
Allow: /about/careers/applications/interview-tips/
Allow: /about/careers/applications-a/interview-tips/
Disallow: /about/careers/applications/
Disallow: /about/careers/applications-a/
Disallow: /about/careers/applications/jobs/results?page=
Disallow: /about/careers/applications/jobs/results/?page=
Disallow: /about/careers/applications/jobs/results?*&page=
Disallow: /about/careers/applications/jobs/results/?*&page=
Disallow: /landing/signout.html
Disallow: /webmasters/sitemaps/ping?
Disallow: /ping?
Disallow: /gallery/
Disallow: /landing/now/ontap/
Allow: /searchhistory/
Allow: /maps/reserve
Allow: /maps/reserve/partners
Disallow: /maps/reserve/api/
Disallow: /maps/reserve/search
Disallow: /maps/reserve/bookings

Disallow: /maps/reserve/settings
Disallow: /maps/reserve/manage
Disallow: /maps/reserve/payment
Disallow: /maps/reserve/receipt
Disallow: /maps/reserve/sellersignup
Disallow: /maps/reserve/payments
Disallow: /maps/reserve/feedback
Disallow: /maps/reserve/terms
Disallow: /maps/reserve/m/
Disallow: /maps/reserve/b/
Disallow: /maps/reserve/partner-dashboard
Disallow: /about/views/
Disallow: /intl/*/about/views/
Disallow: /local/cars
Disallow: /local/cars/
Disallow: /local/dealership/
Disallow: /local/dining/
Disallow: /local/place/products/
Disallow: /local/place/reviews/
Disallow: /local/place/rap/
Disallow: /local/tab/
Disallow: /localservices/*
Allow: /finance
Allow: /js/
Disallow: /nonprofits/account/
Disallow: /viewer
Disallow: /landing/cmsnext-root/

AdsBot

User-agent: AdsBot-Google

Disallow: /maps/api/js/

Allow: /maps/api/js

Disallow: /maps/api/place/js/

Disallow: /maps/api/staticmap

Disallow: /maps/api/streetview

Crawlers of certain social media sites are allowed to access page markup when google.com/imgres* links are shared. To learn more, please contact images-robots-allowlist@google.com.

User-agent: Twitterbot

Allow: /imgres

Allow: /search

Disallow: /groups

Disallow: /hosted/images/

Disallow: /m/

User-agent: facebookexternalhit

Allow: /imgres

Allow: /search

Disallow: /groups

Disallow: /hosted/images/

Disallow: /m/

Sitemap: <https://www.google.com/sitemap.xml>

Source code and Raw data have the same textual structure as Preview.

DELETE

http://www.google.com/robots.txt

Send

200 OK

109 ms

9 KB

Just Now

Params1

Body

Auth

Headers4

Scripts

Docs

Preview

Headers14

Cookies

Tests0 / 0

Mock

Cancel

+ Add

Delete all

Description

Accept	*/*			
Host	<calculated at runtime>			
User-Agent	insomnia/10.3.1			
value	panda			

Bulk Edit

NAME	VALUE
Accept-Ranges	bytes
Vary	Accept-Encoding
Content-Type	text/plain
Cross-Origin-Resource-Policy	cross-origin
Cross-Origin-Opener-Policy-Report-Only	same-origin; report-to="static-on-bigtable"
Report-To	[{"group":"static-on-bigtable","max_age":2592000,"endpoints":[{"url":"https://csp.withgoogle.com/csp/report-to/static-on-bigtable"}]}
Content-Length	9210
Date	Wed, 12 Mar 2025 12:40:23 GMT
Expires	Wed, 12 Mar 2025 12:40:23 GMT
Cache-Control	private, max-age=0
Last-Modified	Wed, 12 Mar 2025 04:30:00 GMT

X-Content-Type-Options	nosniff
Server	sffe
X-XSS-Protection	0

Copy to Clipboard

6)

GET <https://httpbin.org/anything>

Send

200 OK

831 ms

397 B

Just Now

Params 1

Body

Auth

Headers 3

Scripts

Docs

URL PREVIEW

<https://httpbin.org/anything?User-Agent=elephant>

QUERY PARAMETERS

Import from URL

Bulk Edit

+ Add

Delete all

Description

User-Agent

elephant

PATH PARAMETERS

Path parameters are url path segments that start with a colon ':'
e.g. ':id'

Preview

Headers 6

Cookies

Tests 0/0

→ Mock

Co

Preview

```
1 {
2   "args": {
3     "User-Agent": "elephant"
4   },
5   "data": "",
6   "files": {},
7   "form": {},
8   "headers": {
9     "Accept": "*/*",
10    "Host": "httpbin.org",
11    "User-Agent": "insomnia/10.3.1",
12    "X-Amzn-Trace-Id": "Root=1-67cdcb74-08e00a5c7c59d2034702adeb"
13  },
14  "json": null,
15  "method": "GET",
16  "origin": "177.9.9.111",
17  "url": "https://httpbin.org/anything?User-Agent=elephant"
18 }
```

\$store.books[*].author

+ Add

Delete all

Description

Accept

/

Host

<calculated at runtime>

User-Agent

elephant

NAME	VALUE
date	Wed, 12 Mar 2025 17:25:53 GMT
content-type	application/json
content-length	368
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

7)

DELETE https://httpbin.org/anything Send 200 OK 188 ms 348 B Just Now

Params 1 Body Auth Headers 3 Scripts Docs

URL PREVIEW
https://httpbin.org/anything?

QUERY PARAMETERS Import from URL Bulk Edit

+ Add Delete all Description

name	value
------	-------

PATH PARAMETERS

i Path parameters are url path segments that start with a colon ':'
e.g. ':id'

Preview

```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Host": "httpbin.org",
9     "User-Agent": "insomnia/10.3.1",
10    "X-Amzn-Trace-Id": "Root=1-67cdcc21-54140cdb7abdb3225e023dbd"
11  },
12  "json": null,
13  "method": "DELETE",
14  "origin": "177.9.9.111",
15  "url": "https://httpbin.org/anything"
16 }
```

\$.store.books[*].author

Online Made with ♥ by Kong

DELETE https://httpbin.org/anything Send 200 OK 2.73 s 340 B Just Now

Params 1 Body Auth Headers 3 Scripts Docs

+ Add Delete all Description

header	value
Accept	*/*
Host	<calculated at runtime>

Preview

NAME	VALUE
date	Wed, 12 Mar 2025 17:26:48 GMT
content-type	application/json
content-length	340
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

8)

POSThttps://httpbin.org/anythingSend

200 OK195 ms425 B2 Minutes Ago

Params1BodyAuthHeaders3ScriptsDocs

JSON

```
1 {
2   "value": "panda"
3 }
```

Preview

```
1 {
2   "args": {},
3   "data": "{\\n\\t\\\"value\\\": \\\"panda\\\"\\n}",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Content-Length": "21",
9     "Host": "httpbin.org",
10    "User-Agent": "insomnia/10.3.1",
11    "X-Amzn-Trace-Id": "Root=1-67cdcfa-3d26b61b47e2b68b19f01288"
12  },
13  "json": {
14    "value": "panda"
15  },
16  "method": "POST",
17  "origin": "177.9.9.111",
18  "url": "https://httpbin.org/anything"
19 }
```

POSThttps://httpbin.org/anythingSend

200 OK195 ms425 B2 Minutes Ago

Params1BodyAuthHeaders3ScriptsDocs

+ AddDelete allDescription

Accept	*/*
Host	<calculated at runtime>
User-Agent	insomnia/10.3.1

Preview

```
1 {
2   "args": {},
3   "data": "{\\n\\t\\\"value\\\": \\\"panda\\\"\\n}",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Content-Length": "21",
9     "Host": "httpbin.org",
10    "User-Agent": "insomnia/10.3.1",
11    "X-Amzn-Trace-Id": "Root=1-67cdcfa-3d26b61b47e2b68b19f01288"
12  },
13  "json": {
14    "value": "panda"
15  },
16  "method": "POST",
17  "origin": "177.9.9.111",
18  "url": "https://httpbin.org/anything"
19 }
```

POSThttps://httpbin.org/anythingSend

200 OK195 ms425 B3 Minutes Ago

Params1BodyAuthHeaders3ScriptsDocs

+ AddDelete allDescription

Accept	*/*
Host	<calculated at runtime>
User-Agent	insomnia/10.3.1

Preview

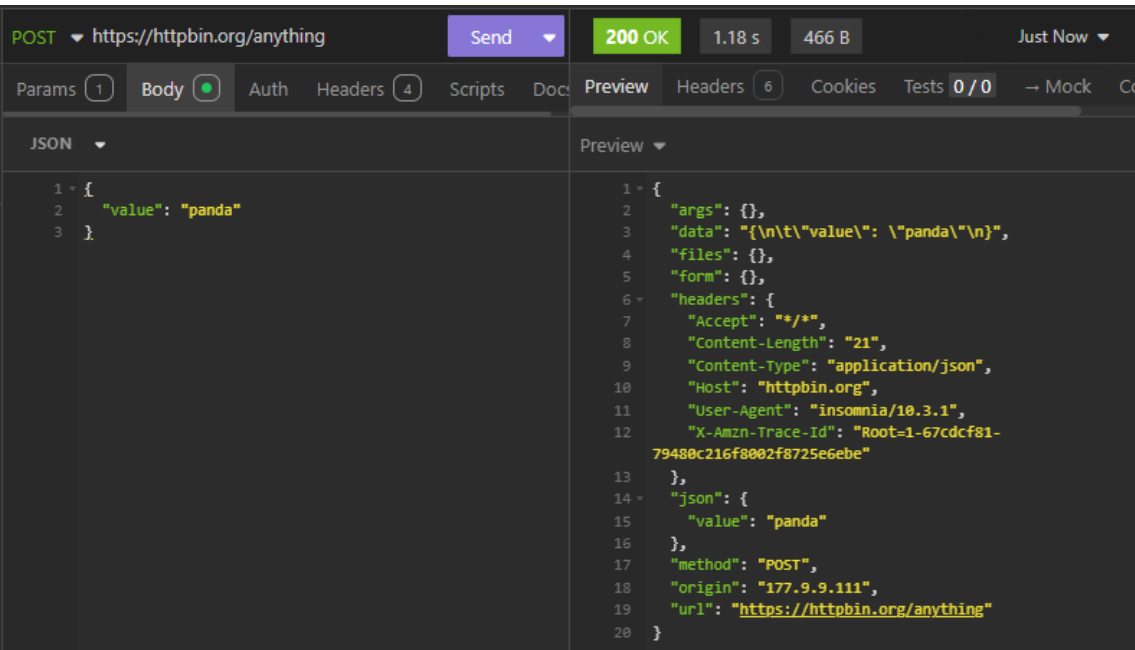
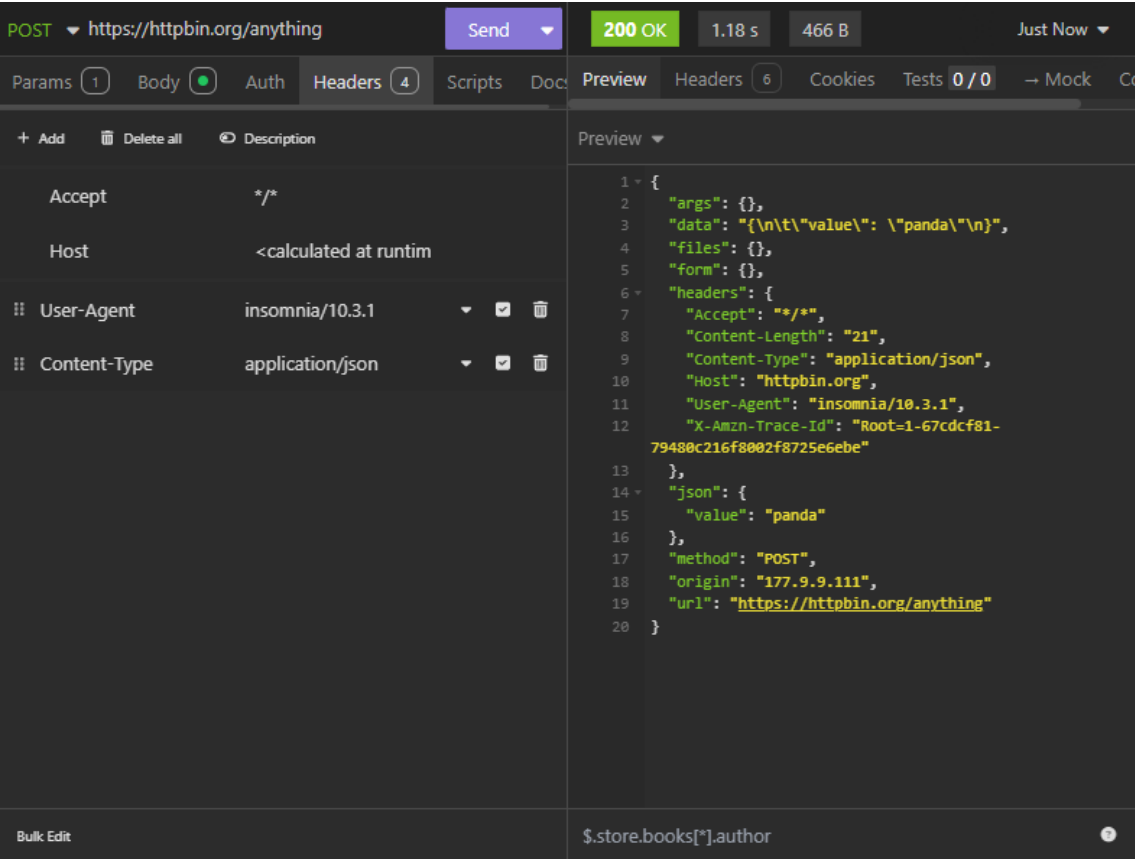
NAME	VALUE
date	Sun, 09 Mar 2025 17:28:26 GMT
content-type	application/json
content-length	425
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

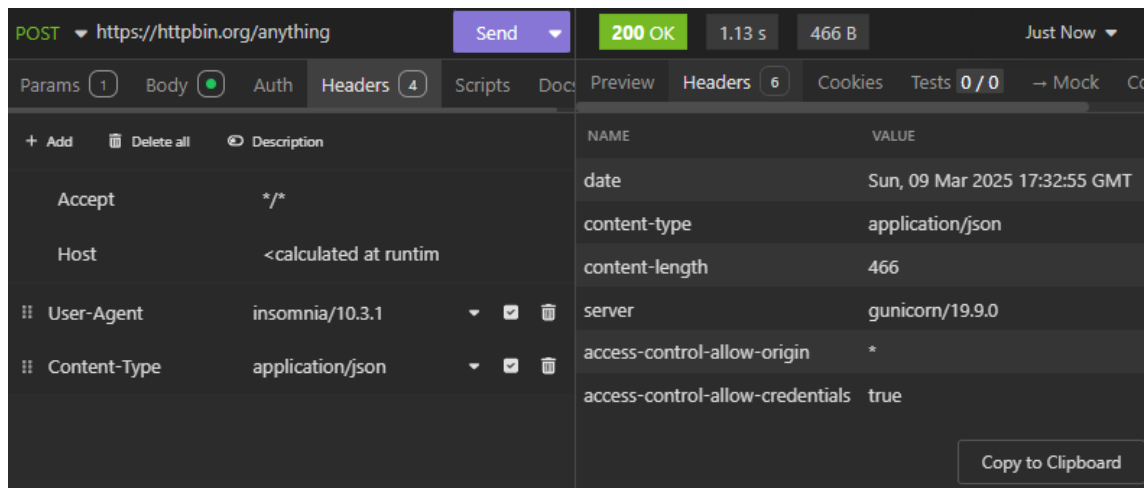
Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

The insomnia itself automatically could interpret that the information sent was in json format.

9)



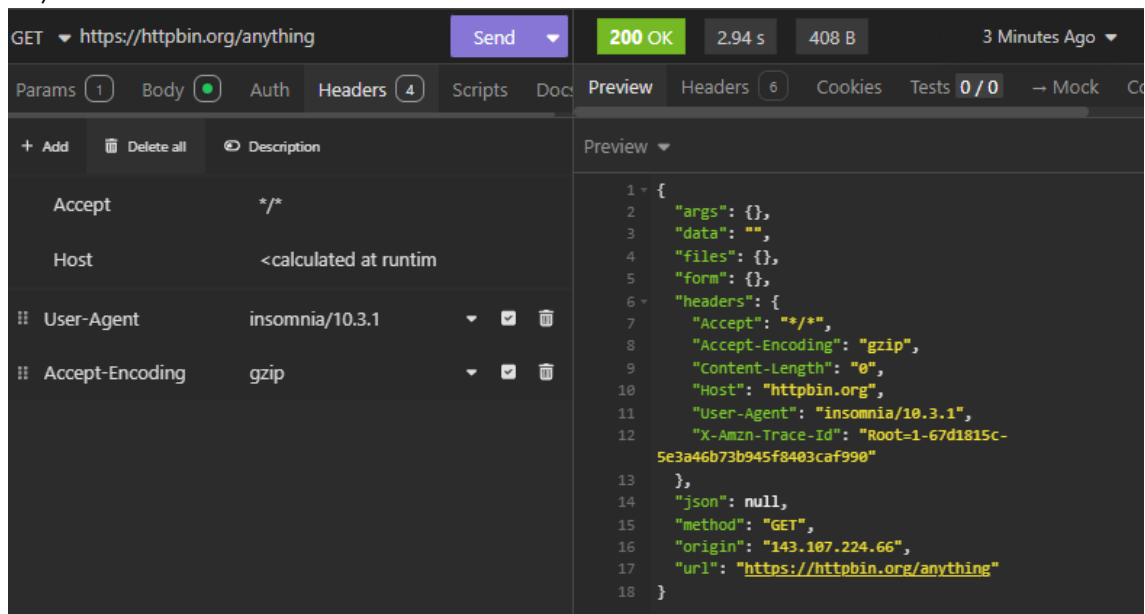


Source code and Raw data have the same textual structure as Preview.

The insomnia itself automatically could interpret that the information sent was in json format.

The difference between the requisitions in exercises 8 and 9 would be the fact that the server could interpret the data sent or as a string only or, properly, in json format. This situation involves the Content-Type header, which is responsible for specifying the content that will be sent to the URL web page. For good practices reasons, the format followed and recommended by the exercise 9 is preferable, because it illustrates, correctly, the data format that the server would interpret in an unambiguous way, avoiding, with this, unexpected feedback situations of the web application.

10)



GET <https://httpbin.org/anything> Send 200 OK 2.94 s 408 B 3 Minutes Ago

Params 1 Body 0 Auth Headers 4 Scripts Docs

+ Add Delete all Description

NAME	VALUE
Accept	*/*
Host	<calculated at runtime>
User-Agent	insomnia/10.3.1
Accept-Encoding	gzip
date	Wed, 12 Mar 2025 12:43:10 GMT
content-type	application/json
content-length	408
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

The requisition for gzip was denied by the server itself, probably because of internal reasons of support provided by the website in the interface used in the exercises (or, because of the Insomnia default configuration settings defined during the installation).

11)

POST <https://httpbin.org/anything> Send 200 OK 197 ms 811 B Just Now

Params 1 Body 0 Auth Headers 4 Scripts Docs

JSON

```

1 {
2   "name": "Davi Gabriel",
3   "email": "davi.gd@example.com",
4   "age": 18,
5   "city": "São Carlos",
6   "hobbies": "reading, writing, programming",
7   "birthday": "26 May"
8 }

```

Preview

```

1 {
2   "args": {},
3   "data": "{\n  \"name\": \"Davi Gabriel\", \n\n  \"email\": \"davi.gd@example.com\", \n\n  \"age\": 18, \n\n  \"city\": \"São Carlos\", \n\n  \"hobbies\": \"reading, writing, programming\", \n\n  \"birthday\": \"26 May\" \n\n}",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Content-Length": "169",
9     "Content-Type": "application/json",
10    "Host": "httpbin.org",
11    "User-Agent": "insomnia/10.3.1",
12    "X-Amzn-Trace-Id": "Root=1-67cdd777-3685cd7b25dff45c421fd577"
13  },
14   "json": {
15     "age": 18,
16     "birthday": "26 May",
17     "city": "São Carlos",
18     "email": "davi.gd@example.com",
19     "hobbies": "reading, writing, programming",
20     "name": "Davi Gabriel"
21   },
22   "method": "POST",
23   "origin": "177.9.9.111",
24   "url": "https://httpbin.org/anything"
25 }

```

Beautify JSON \$store.books[*].author

POST https://httpbin.org/anything Send 200 OK 197 ms 811 B Just Now

Params 1 Body Auth Headers 4 Scripts Docs Preview Headers 6 Cookies Tests 0/0 → Mock

+ Add Delete all Description

NAME	VALUE
date	Sun, 09 Mar 2025 18:01:27 GMT
content-type	application/json
content-length	811
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

Source code and Raw data have the same textual structure as Preview.

12)

PUT https://httpbin.org/anything Send 200 OK 187 ms 414 B Just Now

Params 1 Body Auth Headers 4 Scripts Docs Preview Headers 6 Cookies Tests 0/0 → Mock

JSON

```
1 ...
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
```

```
{
  "args": {},
  "data": "",
  "files": {},
  "form": {},
  "headers": {
    "Accept": "*/*",
    "Content-Length": "0",
    "Content-Type": "application/json",
    "Host": "httpbin.org",
    "User-Agent": "insomnia/10.3.1",
    "X-Amzn-Trace-Id": "Root=1-67cdd822-660579d34cd0c6642cb15a40"
  },
  "json": null,
  "method": "PUT",
  "origin": "177.9.9.111",
  "url": "https://httpbin.org/anything"
}
```

PUT https://httpbin.org/anything Send 200 OK 187 ms 414 B Just Now

Params 1 Body Auth Headers 4 Scripts Docs Preview Headers 6 Cookies Tests 0/0 → Mock

+ Add Delete all Description

NAME	VALUE
date	Sun, 09 Mar 2025 18:04:18 GMT
content-type	application/json
content-length	414
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

Copy to Clipboard

13) Twitter header (Insomnia):

GET <https://www.twitter.com> Send 400 Bad Request 1.18 s 2.5 KB 2 Minutes Ago

Params 1 Body 0 Auth Headers 4 Scripts Docs

URL PREVIEW
<https://www.twitter.com/>

QUERY PARAMETERS
Import from URL Bulk Edit

+ Add Delete all Description

name	value

PATH PARAMETERS
Path parameters are url path segments that start with a colon ':'
e.g. ':id'

Preview Headers 23 Cookies 1 Tests 0 / 0 → Mock

NAME	VALUE
date	Tue, 11 Mar 2025 01:02:31 GMT
content-type	text/html; charset=utf-8
perf	7402827104
expiry	Tue, 31 Mar 1981 05:00:00 GMT
pragma	no-cache
set-cookie	ct0=; Max-Age=-1741654950; Expires=Thu, 01 Jan 1970 00:00:01 GMT; Path=/; Domain=.x.com; Secure; SameSite=Lax
x-powered-by	Express
cache-control	no-cache, no-store, must-revalidate, pre-check=0, post-check=0
last-modified	Tue, 11 Mar 2025 01:02:31 GMT
x-frame-options	DENY
x-transaction-id	8c19011644c08f51
x-xss-protection	0
x-content-type-options	nosniff

Contente
-security-
policy

```
connect-src 'self' blob: https://fonts.googleapis.com/css
https://mapsresources-pa.googleapis.com https://maps.googleapis.com
https://www.gstatic.com/maps/ https://*.pscp.tv https://*.twimg.com
https://*.video.pscp.tv https://aa.twitter.com https://aa.x.com
https://accounts.google.com/gsi/ https://ads-api.twitter.com https://ads-
api.x.com https://api-stream.twitter.com https://api-stream.x.com
https://api.twitter.com https://api.x.ai https://api.x.com https://api.x.com
https://caps.twitter.com https://caps.x.com https://grok.x.com
https://jf.twitter.com https://jf.x.com https://jf-t.x.com https://pay.twitter.com
https://pay.x.com https://sentry.io https://ton-staging.atla.twitter.com
https://ton-staging.atla.x.com https://ton-staging.pdxa.twitter.com https://ton-
staging.pdxa.x.com https://ton.twitter.com https://ton.x.com https://twitter.com
https://upload.twitter.com https://upload.x.com https://www.google-
analytics.com https://x.com https://*.adtrafficquality.google
https://*.googlesyndication.com https://*.doubleclick.net
https://adservice.google.com https://www.googleadservices.com
https://pagead2.googlesyndication.com https://www.google.com
https://google.com https://via.intercom.io https://api.intercom.io
https://api.au.intercom.io https://api.eu.intercom.io https://api-iam.intercom.io
https://api-iam.eu.intercom.io https://api-iam.au.intercom.io https://api-
ping.intercom.io https://nexus-websocket-a.intercom.io wss://nexus-
```

websocket-a.intercom.io https://nexus-websocket-b.intercom.io wss://nexus-websocket-b.intercom.io https://nexus-europe-websocket.intercom.io wss://nexus-europe-websocket.intercom.io https://nexus-australia-websocket.intercom.io wss://nexus-australia-websocket.intercom.io https://uploads.intercomcdn.com https://uploads.intercomcdn.eu https://uploads.au.intercomcdn.com https://uploads.eu.intercomcdn.com https://uploads.intercomusercontent.com https://production.plaid.com/ https://sandbox.plaid.com/ https://ingestion.dv.socure.io https://network.dv.socure.io/ https://analytics.dv.socure.io/ https://checkoutshopper-live.adyen.com wss://*.pscp.tv https://vmap.snappytv.com https://vmapstage.snappytv.com https://vmaprel.snappytv.com https://vmap.grabyo.com https://dhdsnappytv-vh.akamaihd.net https://pdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net https://mmdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net https://mmdhdsnappytv-vh.akamaihd.net https://dwo3ckksxlb0v.cloudfront.net https://media.riffsy.com https://*.giphy.com https://media.tenor.com https://c.tenor.com https://ads-twitter.com https://analytics.twitter.com https://analytics.x.com ; default-src 'self'; form-action 'self' https://twitter.com https://*.twitter.com https://x.com https://*.x.com https://localhost.twitter.com:3443 https://localhost.x.com:3443 https://intercom.help https://api-iam.intercom.io https://api-iam.eu.intercom.io https://api-iam.au.intercom.io; font-src 'self' https://*.twimg.com https://js.intercomcdn.com https://fonts.intercomcdn.com; frame-src 'self' https://accounts.google.com/ https://accounts.google.com/gsi/ https://cards-frame.twitter.com https://cdn.plaid.com/ https://client-api.arkoselabs.com/ https://content.googleapis.com/ https://iframe.arkoselabs.com/ https://mobile.twitter.com https://mobile.x.com https://pay.twitter.com https://pay.x.com https://google.com https://www.google.com https://intercom-sheets.com https://www.intercom-reporting.com https://www.youtube.com https://player.vimeo.com https://fast.wistia.net https://console.googletagmanager.com https://*.doubleclick.net https://*.adtrafficquality.google https://*.safeframe.googleadsyndication.com https://www.googleadservices.com https://googleadservices.com https://adservice.google.com https://*.googlesyndication.com https://td.doubleclick.net https://payments-dev.x.com/ https://payments-staging.x.com/ https://payments-prod.x.com/ https://sdn.payments-dev.x.com/ https://sdn.payments-staging.x.com/ https://sdn.payments-prod.x.com/ https://money-dev.x.com/ https://money-staging.x.com/ https://money.x.com/ https://sdn.money-dev.x.com/ https://sdn.money-staging.x.com/ https://sdn.money.x.com/ https://p2pcreditcardiframesandbox.crbcos.com https://p2pcreditcardiframe.crbcos.com https://verify-sandbox.plaid.com/ https://twitter.com https://x.com https://recaptcha.net/recaptcha/; img-src 'self' blob: data: https://www.google.com/maps/place/ https://*.cdn.twitter.com https://*.cdn.x.com https://ton.twitter.com https://ton.x.com https://*.twimg.com https://analytics.twitter.com https://analytics.x.com

https://cm.g.doubleclick.net https://www.google-analytics.com
https://maps.googleapis.com https://www.periscope.tv https://www.pscp.tv
https://ads-twitter.com https://ads-api.twitter.com https://ads-api.x.com blob:
data: https://js.intercomcdn.com https://static.intercomassets.com
https://downloads.intercomcdn.com https://downloads.intercomcdn.eu
https://downloads.au.intercomcdn.com
https://uploads.intercomusercontent.com https://gifs.intercomcdn.com
https://video-messages.intercomcdn.com https://messenger-apps.intercom.io
https://messenger-apps.eu.intercom.io https://messenger-apps.au.intercom.io
https://*.intercom-attachments-1.com https://*.intercom-attachments.eu
https://*.au.intercom-attachments.com https://*.intercom-attachments-2.com
https://*.intercom-attachments-3.com https://*.intercom-attachments-4.com
https://*.intercom-attachments-5.com https://*.intercom-attachments-6.com
https://*.intercom-attachments-7.com https://*.intercom-attachments-8.com
https://*.intercom-attachments-9.com https://static.intercomassets.eu
https://static.au.intercomassets.com https://media.riffsy.com
https://*.giphy.com https://media.tenor.com https://c.tenor.com
https://*.pscp.tv https://*.periscope.tv https://prod-periscope-profile.s3-us-
west-2.amazonaws.com https://platform-lookaside.fbsbx.com
https://scontent.xx.fbcdn.net https://scontent-sea1-1.xx.fbcdn.net
https://*.googleusercontent.com https://t.co/1/i/adsct
https://*.googleusercontent.com https://*.gstatic.com
https://*.googlesyndication.com https://*.adtrafficquality.google
https://www.google.com/ads/measurement/
https://*.google.com/ads/measurement/ https://googleads.g.doubleclick.net
https://google.com https://www.google.com https://plaid-merchant-
logos.plaid.com https://plaid-counterparty-logos.plaid.com; manifest-src 'self';
media-src 'self' data: blob: https://twitter.com https://x.com
https://*.twimg.com https://*.vine.co https://*.pscp.tv https://*.video.pscp.tv
https://js.intercomcdn.com https://downloads.intercomcdn.com
https://downloads.intercomcdn.eu https://downloads.au.intercomcdn.com
https://dhdsnappytv-vh.akamaihd.net https://pdhdsnappytv-vh.akamaihd.net
https://mdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-
vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net
https://mmdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-
vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net
https://mmdhdsnappytv-vh.akamaihd.net
https://dwo3ckksxlb0v.cloudfront.net; object-src 'none'; script-src 'self' 'unsafe-
inline' https://maps.googleapis.com https://*.twimg.com
https://recaptcha.net/recaptcha/
http://www.gstatic.com/cast/sdk/libs/caf_receiver/v3/cast_receiver_framework.
js https://accounts.google.com/gsi/client https://apis.google.com/js/api.js
https://appleid.cdn-
apple.com/appleauth/static/jsapi/appleid/1/en_US/appleid.auth.js
https://client-api.arkoselabs.com/ https://static.ads-twitter.com
https://twitter.com https://www.google-analytics.com
https://www.gstatic.com/cast/sdk/libs/caf_receiver/v3/cast_receiver_framework.
js https://x.com https://sdn.payments-dev.x.com/assets/loader.min.js

```

https://sdn.payments-staging.x.com/assets/loader.min.js
https://sdn.payments-prod.x.com/assets/loader.min.js https://sdn.money-
dev.x.com/assets/loader.min.js https://sdn.money-
staging.x.com/assets/loader.min.js
https://sdn.money.x.com/assets/loader.min.js
https://sdk.dv.socure.io/latest/device-risk-sdk.js
https://cdn.plaid.com/link/v2/stable/link-initialize.js
https://securepubads.g.doubleclick.net https://www.googletagservices.com
https://*.googletagservices.com https://pagead2.googlesyndication.com
https://adservice.google.com https://www.googleadservices.com
https://ads.google.com https://tpc.googlesyndication.com
https://*.tpc.googlesyndication.com https://www.google.com
https://googleads.g.doubleclick.net https://app.intercom.io
https://widget.intercom.io https://js.intercomcdn.com 'wasm-unsafe-eval'
'nonce-N2RmNTNiNzQtMmYzMS00MzE1LWFhZjQtOTkwMzY1OTY3ZmE4'; style-
src 'self' 'unsafe-inline' https://accounts.google.com/gsi/style
https://*.twimg.com; worker-src 'self' blob:; report-uri
https://x.com/i/csp_report?a=O5RXE%3D%3D%3D&ro=false


```

strict-transport-security	max-age=631138519
cross-origin-opener-policy	unsafe-none
cross-origin-embedder-policy	unsafe-none
x-response-time	11
x-connection-hash	43e91942f351ce2517d9a926a7 5164e59bb3ef775f7a63808f146 51d307be5ac
cf-cache-status	DYNAMIC
vary	accept-encoding
server	cloudflare tsa_b
cf-ray	91e720739ee77dec-GRU

Twitter header (browser [Chrome]):

▼ Geral	
URL Da Solicitação:	https://x.com/
Método Da Solicitação:	GET
Código De Status:	● 200 OK
Endereço Remoto:	162.159.140.229:443
Política Do Referenciador:	strict-origin-when-cross-origin

▼ Cabeçalhos de resposta

Cache-Control:	no-cache, no-store, must-revalidate, pre-check=0, post-check=0
Cf-Cache-Status:	DYNAMIC 
Cf-Ray:	91e71e8feba1ae81-GRU
Content-Encoding:	gzip


content-security-policy:

connect-src 'self' blob: https://fonts.googleapis.com/css https://mapsresources-pa.googleapis.com https://maps.googleapis.com https://www.gstatic.com/maps/ https://*.pscp.tv https://*.twimg.com https://*.video.pscp.tv https://aa.twitter.com https://aa.x.com https://accounts.google.com/gsi/ https://ads-api.twitter.com https://ads-api.x.com https://api-stream.twitter.com https://api-stream.x.com https://api.twitter.com https://api.x.ai https://api.x.com https://api.x.com https://caps.twitter.com https://caps.x.com https://grok.x.com https://jf.twitter.com https://jf.x.com https://jft.x.com https://pay.twitter.com https://pay.x.com https://sentry.io https://ton-staging.atla.twitter.com https://ton-staging.atla.x.com https://ton-staging.pdxa.twitter.com https://ton-staging.pdxa.x.com https://ton.twitter.com https://ton.x.com https://twitter.com https://upload.twitter.com https://upload.x.com https://www.google-analytics.com https://x.com https://*.adtrafficquality.google https://*.googlesyndication.com https://*.doubleclick.net https://adservice.google.com https://www.googleadservices.com https://pagead2.googlesyndication.com https://www.google.com https://google.com https://via.intercom.io https://api.intercom.io https://api.au.intercom.io https://api.eu.intercom.io https://api-iam.intercom.io https://api-iam.eu.intercom.io https://api-iam.au.intercom.io https://api-ping.intercom.io https://nexus-websocket-a.intercom.io wss://nexus-websocket-a.intercom.io https://nexus-websocket-b.intercom.io wss://nexus-websocket-b.intercom.io https://nexus-europe-websocket.intercom.io wss://nexus-europe-websocket.intercom.io https://nexus-australia-websocket.intercom.io wss://nexus-australia-websocket.intercom.io https://uploads.intercomcdn.com https://uploads.intercomcdn.eu https://uploads.au.intercomcdn.com https://uploads.eu.intercomcdn.com https://uploads.intercomusercontent.com https://production.plaid.com/ https://sandbox.plaid.com/ https://ingestion.dv.socure.io https://network.dv.socure.io/ https://analytics.dv.socure.io/ https://checkoutshopper-live.adyen.com wss://*.pscp.tv https://vmap.snappytv.com https://vmapstage.snappytv.com https://vmaprel.snappytv.com https://vmap.grabyo.com https://dhdsnappytv-vh.akamaihd.net https://pdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net https://mmdhdsnappytv-vh.akamaihd.net https://mdhdsnappytv-vh.akamaihd.net https://mpdhdsnappytv-vh.akamaihd.net https://mmdhdsnappytv-vh.akamaihd.net https://dwo3ckksxlb0v.cloudfront.net https://media.riffsy.com https://*.giphy.com https://media.tenor.com https://c.tenor.com https://ads-twitter.com https://analytics.twitter.com https://analytics.x.com ; default-src 'self'; form-action 'self' https://twitter.com https://*.twitter.com https://x.com https://*.x.com https://localhost.twitter.com:3443 https://localhost.x.com:3443 https://intercom.help https://api-iam.intercom.io https://api-iam.eu.intercom.io https://api-iam.au.intercom.io; font-src 'self' https://*.twimg.com https://js.intercomcdn.com https://fonts.intercomcdn.com; frame-src 'self'

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src 'none'; script-src 'self' 'unsafe-inline' https://maps.googleapis.com
https://*.twimg.com https://recaptcha.net/recaptcha/
http://www.gstatic.com/cast/sdk/libs/caf_receiver/v3/cast_receiver_framework.js
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https://www.google.com https://googleads.g.doubleclick.net https://app.intercom.io
https://widget.intercom.io https://js.intercomcdn.com 'wasm-unsafe-eval' 'nonce-
OTk1YTllZjYtM2RjZS00MjZkLTlkZDlyMTExNjEzZGUz'; style-src 'self' 'unsafe-inline'
https://accounts.google.com/gsi/style https://*.twimg.com; worker-src 'self' blob;; report-
uri https://x.com/i/csp_report?a=O5RXE%3D%3D%3D&ro=false

Content-Type:	text/html; charset=utf-8
Cross-Origin-Embedder-Policy:	unsafe-none
Cross-Origin-Opener-Policy:	unsafe-none
Date:	Tue, 11 Mar 2025 01:01:13 GMT
Expiry:	Tue, 31 Mar 1981 05:00:00 GMT
Last-Modified:	Tue, 11 Mar 2025 01:01:13 GMT
Perf:	7402827104
Pragma:	no-cache
Server:	cloudflare tsa_b
Set-Cookie:	ct0=; Max-Age=-1741654872; Expires=Thu, 01 Jan 1970 00:00:01 GMT; Path=/; Domain=.x.com; Secure; SameSite=Lax

Strict-Transport-Security:	max-age=631138519 
Vary:	accept-encoding
X-Connection-Hash:	0b6aaa327d901b794e12cf4eb8452e3669abae348cf9a857f3bad671eeafb5f3
X-Content-Type-Options:	nosniff
X-Frame-Options:	DENY
X-Powered-By:	Express
X-Response-Time:	13
X-Transaction-Id:	2111ac2efce04887
X-Xss-Protection:	0

▼ Cabeçalhos de solicitação	
:authority:	x.com
:method:	GET
:path:	/
:scheme:	https
Accept:	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Accept-Encoding:	gzip, deflate, br, zstd
Accept-Language:	pt-BR,pt;q=0.9,en-US;q=0.8,en;q=0.7
Cache-Control:	max-age=0
Cookie:	guest_id=v1%3A169819747068836419; night_mode=2; guest_id_marketing=v1%3A169819747068836419; guest_id_ads=v1%3A169819747068836419; external_referer=padhuUp37zjgzgv1mFWxj12Ozwit7owXlQl8e8t2xd8A2w%3D; __cf_bm=VvxFLQd4TbtmDg7QMQ1NkU8JWkfchvEVetoNnltqnaA-1741654782-1.0.1.1-ez03NVomSC_dAEQqCwJl1yUj_ih_EdYR0HqtB2DGVajj45UJHfLAV2pbtEHjqG6Ho5RE8RGQf7Z8qky5kdtz0kTczFh3BkuHdsPeNZ_aRs; gt=1899263929399824503; personalization_id="v1_Zgj8G5B+GQfofahNfly8rg=="
Priority:	u=0, i
Sec-Ch-Ua:	"Not(A:Brand";v="99", "Google Chrome";v="133", "Chromium";v="133"
Sec-Ch-Ua-Mobile:	?0
Sec-Ch-Ua-Platform:	"Windows"
Sec-Fetch-Dest:	document
Sec-Fetch-Mode:	navigate
Sec-Fetch-Site:	same-origin
Sec-Fetch-User:	?1
Upgrade-Insecure-Requests:	1
User-Agent:	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36

As we can see, the HTML returned is not the same as the one received in the browser. This difference is due to several factors, such as the default Content-Type settings in the different tools used in the experiment. Additionally, the URL provided in Insomnia appears to have been redirected to an unavailable site, resulting in a 400 Bad Request error.

Another relevant factor is the presence of cookies on the Twitter domain when accessed via browser. This suggests that the site has security mechanisms in place to prevent unauthorized access, particularly automated ones, such as bots. As a result, twitter.com may enforce authentication and security measures to restrict access, prioritizing logged-in users.

Finally, the browser executes JavaScript to fully load the Twitter interface and dynamically render the feed. In contrast, Insomnia only processes the raw HTML, without executing scripts or loading dynamic content.

14)

Insomnia client interface showing a successful PATCH request to `https://httpbin.org/anything`. The response is a 200 OK status with a 179 ms response time and 452 B body size. The response body is a JSON object containing the request details:

```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Batman": "superman",
9     "Content-Length": "0",
10    "Dilvan": "abreu",
11    "Host": "httpbin.org",
12    "Panda": "elephant",
13    "User-Agent": "insomnia/10.3.1",
14    "X-Amzn-Trace-Id": "Root=1-67ce2a85-30de7de75d015a5f23935516"
15  },
16  "json": null,
17  "method": "PATCH",
18  "origin": "177.9.9.111",
19  "url": "https://httpbin.org/anything"
20 }
```

Insomnia client interface showing the response headers for the PATCH request. The headers are:

NAME	VALUE
date	Wed, 12 Mar 2025 17:31:42 GMT
content-type	application/json
content-length	454
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

It happens that the nonsense header variables are interpreted as json variables, so the web page applies it as valid relations inside the application and tries to set a context within it.

15)
<https://httpbin.org/status/404> request's result:

GET ▼ <https://httpbin.org/status/404> Send ▼ 404 Not Found 379 ms 0 B Just Now ▼

Params 1 Body ● Auth Headers 3 Scripts Docs

+ Add Delete all Description

Accept */*

Host <calculated at runtime>

User-Agent insomnia/10.3.1

Preview Headers 6 Cookies Tests 0 / 0 → Mock Co

Preview ▼

No body returned for response

GET ▼ <https://httpbin.org/status/404> Send ▼ 404 Not Found 4.18 s 0 B Just Now ▼

Params 1 Body ● Auth Headers 3 Scripts Docs

+ Add Delete all Description

Accept */*

Host <calculated at runtime>

User-Agent insomnia/10.3.1

Preview Headers 6 Cookies Tests 0 / 0 → Mock Co

NAME	VALUE
date	Wed, 12 Mar 2025 17:32:37 GMT
content-type	text/html; charset=utf-8
content-length	0
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

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<https://httpbin.org/status/200> request's result:

GET ▼ <https://httpbin.org/status/200> Send ▼ 200 OK 283 ms 0 B Just Now ▼

Params 1 Body ● Auth Headers 3 Scripts Docs

+ Add Delete all Description

Accept */*

Host <calculated at runtime>

User-Agent insomnia/10.3.1

Preview Headers 6 Cookies Tests 0 / 0 → Mock Co

Preview ▼

No body returned for response

GET <https://httpbin.org/status/200> Send 200 OK 9.13 s 0 B Just Now

Params (1) Body Headers (3) Scripts Docs Preview Headers (6) Cookies Tests 0/0 → Mock

+ Add Delete all Description

Accept	*/*
Host	<calculated at runtime>
User-Agent	insomnia/10.3.1

NAME	VALUE
date	Wed, 12 Mar 2025 17:33:04 GMT
content-type	text/html; charset=utf-8
content-length	0
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

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16)

GET <https://httpbin.org/anything> Send 200 OK 1.6 s 458 B Just Now

Params (1) Body Auth Headers (4) Scripts Preview Headers (6) Cookies Tests 0/0 → Mock

Basic

ENABLED ☒

USERNAME Davi

PASSWORD

USE ISO 8859-1 ☒

```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Authorization": "Basic RGF2aToyMDA2",
9     "Content-Length": "0",
10    "Content-Type": "application/json",
11    "Host": "httpbin.org",
12    "User-Agent": "insomnia/10.3.1",
13    "X-Amzn-Trace-Id": "Root=1-67ce470d-0f8239497247b4af0f04786b"
14  },
15  "json": null,
16  "method": "GET",
17  "origin": "177.9.9.111",
18  "url": "https://httpbin.org/anything"
19 }
```

GET <https://httpbin.org/anything> Send 200 OK 4.32 s 460 B Just Now

Params (1) Body Auth Headers (4) Scripts Preview Headers (6) Cookies Tests 0/0 → Mock

Basic

ENABLED ☒

USERNAME Davi

PASSWORD

USE ISO 8859-1 ☐

NAME	VALUE
date	Wed, 12 Mar 2025 17:34:24 GMT
content-type	application/json
content-length	460
server	gunicorn/19.9.0
access-control-allow-origin	*
access-control-allow-credentials	true

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To set a username and a password in the request demanded, in insomnia, first is necessary to access the Auth section, then choose the Basic tools and, finally, put any username and password.

The answer that the GET HTTP method shows is in the line 8, in this case, where it has the following format:

“Authorization”: “Basic” + base64(username:password)

Obs: it follows the json format, as default.