

## EXERCÍCIOS 1 - HTTP

### 1. Requerimento de GET para <https://httpbin.org>

Headers:

GET

https://httpbin.org

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 1700 ms

Size: 9.6 KB

Save Response

KEY	VALUE
Date ⓘ	Wed, 21 Apr 2021 18:21:29 GMT
Content-Type ⓘ	text/html; charset=utf-8
Content-Length ⓘ	9593
Connection ⓘ	keep-alive
Server ⓘ	gunicorn/19.9.0
Access-Control-Allow-Origin ⓘ	*
Access-Control-Allow-Credentials ⓘ	true

Body:

GET

https://httpbin.org

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 1700 ms

Size: 9.6 KB

Save Response

Pretty

Raw

Preview

Visualize

HTML

1

2

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```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>httpbin.org</title>
7   <link
8     href="https://fonts.googleapis.com/css?family=Open+Sans:400,700|Source+Code+Pro:300,600|Titillium+Web:400,600,700"
9     rel="stylesheet">
10  <link rel="stylesheet" type="text/css" href="/flasgger_static/swagger-ui.css">
11  <link rel="icon" type="image/png" href="/static/favicon.ico" sizes="64x64 32x32 16x16" />
12  <style>
13    html {
14      box-sizing: border-box;
15      overflow: -moz-scrollbars-vertical;
16      overflow-y: scroll;
17    }
18
19    *,
20    *:before,
21    *:after {
22      box-sizing: inherit;
23    }
```

Bootcamp

Auto-select agent

Runner

Trash

### 2. Requerimento de GET sobre <https://httpbin.org/anything>

## Header

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OKTime: 2.29 sSize: 751 B

Save Response

KEY	VALUE
Date ⓘ	Wed, 21 Apr 2021 18:47:20 GMT
Content-Type ⓘ	application/json
Content-Length ⓘ	521
Connection ⓘ	keep-alive
Server ⓘ	gunicorn/19.9.0
Access-Control-Allow-Origin ⓘ	*
Access-Control-Allow-Credentials ⓘ	true

## Body

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 2.29 s

Size: 751 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

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```
{

  "FirstName" : "Jorge"

  "LastName" : "Salhani",

  "UserName" : "jsalhani",

  "Password" : "123",

  "Email"      : "jsalhani@email.com"

}
```

Após a requisição, obtemos os seguintes resultados:

### Header:

POST <span>▼</span> https://httpbin.org/anything <span>Send <span>▼</span></span>	
Params Authorization Headers (7) Body ● Pre-request Script Tests Settings <span>Cookies</span>	
Body Cookies Headers (7) Test Results <span>Status: 200 OK Time: 21.45 s Size: 1.03 KB Save Response <span>▼</span></span>	
KEY	VALUE
Date ⓘ	Wed, 21 Apr 2021 19:44:18 GMT
Content-Type ⓘ	application/json
Content-Length ⓘ	827
Connection ⓘ	keep-alive
Server ⓘ	unicorn/19.9.0
Access-Control-Allow-Origin ⓘ	*
Access-Control-Allow-Credentials ⓘ	true

Body:

POST

https://httpbin.org/anything

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 21.45 sSize: 1.03 KBSave Response

PrettyRawPreviewVisualizeJSON

```
1 2
2  "args": {},
3  "data": "{\n\n  \"FirstName\" : \"Jorge\"\n\n  \"LastName\" : \"Salhani\",\n\n  \"UserName\" : \"jsalhani\",\n\n  \"Password\" : \"123\",\n\n  \"Email\"   : \"jsalhani@email.com\"\n\n}",
4  "files": {},
5  "form": {},
6  "headers": {
7    "Accept": "*/*",
8    "Accept-Encoding": "gzip, deflate, br",
9    "Cache-Control": "no-cache",
10   "Content-Length": "190",
11   "Content-Type": "application/json",
12   "Host": "httpbin.org",
13   "Postman-Token": "e9b42e54-78b8-49cd-829c-1edbfb33fad4",
14   "User-Agent": "PostmanRuntime/7.28.0",
15   "X-Amzn-Trace-Id": "Root=1-60808092-3f2aa3e22cf7a2072bde861e"
16 },
17 "json": null,
```

Na chave “data”, nosso conteúdo foi postado como requerido.

4. Requerimento GET sobre <https://httpbin.org/anything> com parâmetro **value : panda** retorna os seguintes resultados:

Header:

GET

https://httpbin.org/anything?value=panda

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

HeadersHide auto-generated headers

KEY	VALUE	DESCRIPTION	Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Type	application/json			
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>			
<input checked="" type="checkbox"/> Host	<calculated when request is sent>			
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.28.0			
<input checked="" type="checkbox"/> Accept	*/*			
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br			
<input checked="" type="checkbox"/> Connection	keep-alive			

Body:

GET

https://httpbin.org/anything?value=panda

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 1489 msSize: 1.06 KBSave Response

PrettyRawPreviewVisualizeJSON

```
1 2
2  "args": {
3    "value": "panda"
4  },
5  "data": "{\n\n  \"FirstName\" : \"Jorge\"\n\n  \"LastName\" : \"Salhani\",\n\n  \"UserName\" : \"jsalhani\",\n\n  \"Password\" : \"123\",\n\n  \"Email\"   : \"jsalhani@email.com\"\n\n}",
6  "files": {},
7  "form": {},
8  "headers": {
9    "Accept": "*/*",
10   "Accept-Encoding": "gzip, deflate, br",
11   "Cache-Control": "no-cache",
12   "Content-Length": "190",
13   "Content-Type": "application/json",
14   "Host": "httpbin.org",
15   "Postman-Token": "dd1a0b91-c245-4392-9bd8-08ac341a1261",
16   "User-Agent": "PostmanRuntime/7.28.0",
17   "X-Amzn-Trace-Id": "Root=1-608088ed-3da86f192b9f8d6c4fa7b562"
```

Notamos a construção do novo dado “” : ‘panda’ tal como informamos como parâmetro. Nesse caso, o requisito GET funciona de modo similar ao POST.

## 5. Requerimento GET sobre [www.google.com/robots.txt](http://www.google.com/robots.txt)

Header:

GET	www.google.com/robots.txt	Send
Params	Authorization	Headers (5)
Body	Pre-request Script	Tests
Settings		Cookies
Body	Cookies	Headers (12)
Test Results		Status: 200 OK Time: 271 ms Size: 7.42 KB Save Response
Content-Type	text/plain	
Cross-Origin-Resource-Policy	cross-origin	
Content-Length	7212	
Date	Wed, 21 Apr 2021 20:38:06 GMT	
Expires	Wed, 21 Apr 2021 20:38:06 GMT	
Cache-Control	private, max-age=0	
Last-Modified	Tue, 20 Apr 2021 17:30:00 GMT	
X-Content-Type-Options	nosniff	
Server	sffe	
X-XSS-Protection	0	

Body:

GET	www.google.com/robots.txt	Send
Params	Authorization	Headers (5)
Body	Pre-request Script	Tests
Settings		Cookies
Body	Cookies	Headers (12)
Test Results		Status: 200 OK Time: 271 ms Size: 7.42 KB Save Response
Pretty	Raw	Preview
Visualize	Text	
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=*g	
12	Allow: /?hl=*gws_rd=ssl\$	
13	Disallow: /?hl=*gws_rd=ssl	
14	Allow: /?gws_rd=ssl\$	
15	Allow: /?ptl=true\$	
16	Disallow: /imgres	
17	Disallow: /u/	
18	Disallow: /preferences	

## 6. Requerimento GET sobre <https://httpbin.org/anything> com header User-Agent: elephant

## Header alterado:

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Headers

Hide auto-generated headers

	KEY	VALUE	DESCRIPTION		Bulk Edit	Presets
<input checked="" type="checkbox"/>	Host	<calculated when request is sent>				
<input checked="" type="checkbox"/>	User-Agent	PostmanRuntime/7.28.0				
<input checked="" type="checkbox"/>	Accept	*/*				
<input checked="" type="checkbox"/>	Accept-Encoding	gzip, deflate, br				
<input checked="" type="checkbox"/>	Connection	keep-alive				
<input checked="" type="checkbox"/>	User-Agent	elephant				
	Key	Value	Description			

## Header:

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 1539 ms

Size: 738 B

Save Response

KEY	VALUE
Date	Wed, 21 Apr 2021 20:45:57 GMT
Content-Type	application/json
Content-Length	508
Connection	keep-alive
Server	gunicorn/19.9.0
Access-Control-Allow-Origin	*
Access-Control-Allow-Credentials	true

## Body:

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 1539 ms

Size: 738 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

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```
{
  "args": {},
  "data": "",
  "files": {},
  "form": {},
  "headers": {
    "Accept": "*/*",
    "Accept-Encoding": "gzip, deflate, br",
    "Cache-Control": "no-cache",
    "Content-Length": "0",
    "Host": "httpbin.org",
    "Postman-Token": "56935238-61dc-4c1d-8322-f6c546d79a5b",
    "User-Agent": "elephant",
    "X-Amzn-Trace-Id": "Root=1-60808f05-02c124751674d03926e5e801"
  },
  "json": null,
  "method": "GET",
  "origin": "54.86.50.139",
```

Notamos que, dentro da seção de *header* do documento requisitado temos a relação chave-valor **User-Agent : elephant** (linha 13) tal como requisitamos.

### 7. Requerimento DELETE sobre <https://httpbin.org/anything>

Realizando em primeiro lugar o requerimento GET sobre <https://httpbin.org/anything> obtemos os resultados:

## Header:

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Status: 404 Not FoundTime: 698 msSize: 463 BSave Response

KEY	VALUE
Date	Wed, 21 Apr 2021 20:52:06 GMT
Content-Type	text/html
Content-Length	233
Connection	keep-alive
Server	gunicorn/19.9.0
Access-Control-Allow-Origin	*
Access-Control-Allow-Credentials	true

## Body:

GET

https://httpbin.org/anything

Send

Params

Authorization

Headers (5)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (7)

Test Results

Save Response

698ms

Status: 404 Not Found

Time: 698 ms

Size: 463 B

Pretty

Raw

Preview

Visualize

HTML

1

!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN"

2

<title>404 Not Found</title>

3

<h1>Not Found</h1>

4

<p>The requested URL was not found on the server. If you entered the URL manually please check your spelling and try

5

again.</p>

Notamos que não foi possível encontrar o respectivo *link*, com status de acesso **404 Not Found**.

Realizando o requerimento de DELETE, obtemos os mesmos resultados

### 8. Removido

### 9. Requerimento de POST para <https://httpbin.org/anything> com *body* {"value": "panda"}

Caso façamos o requerimento POST sem a presença de *body* {"value": "panda"} obtemos o seguinte *header*:

## Header (sem especificação de *body*):

POST

https://httpbin.org/anything

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

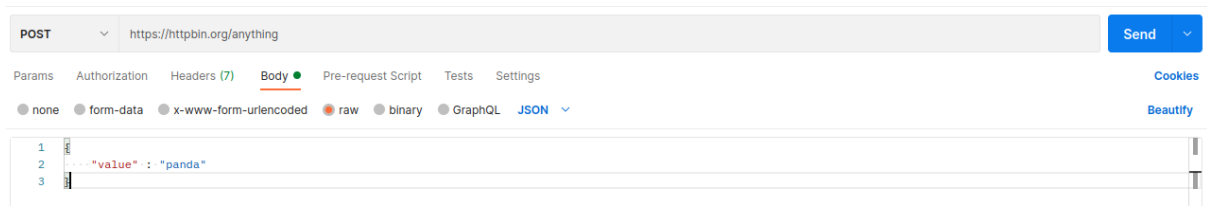
Cookies

Headers

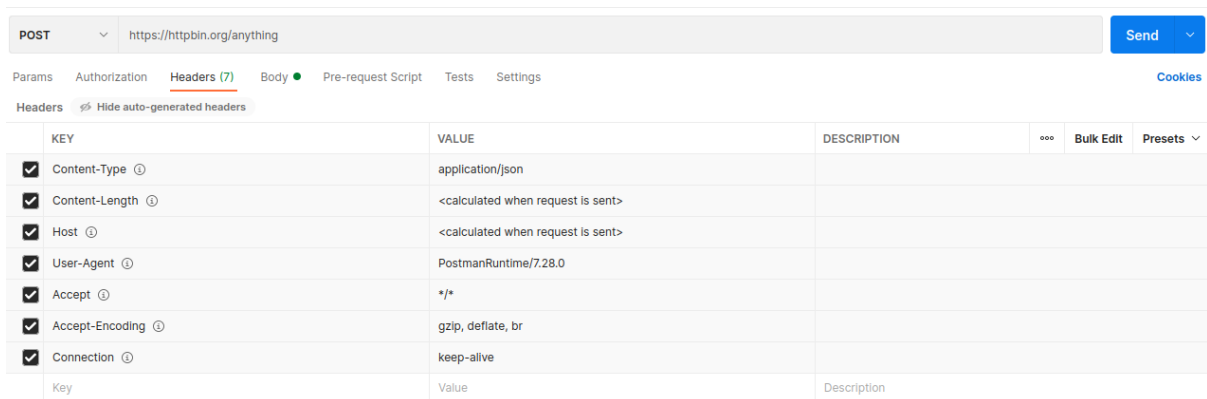
Hide auto-generated headers

KEY	VALUE	DESCRIPTION		Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Length ①	0				
<input checked="" type="checkbox"/> Host ①	<calculated when request is sent>				
<input checked="" type="checkbox"/> User-Agent ①	PostmanRuntime/7.28.0				
<input checked="" type="checkbox"/> Accept ①	*/*				
<input checked="" type="checkbox"/> Accept-Encoding ①	gzip, deflate, br				
<input checked="" type="checkbox"/> Connection ①	keep-alive				
Key	Value	Description			

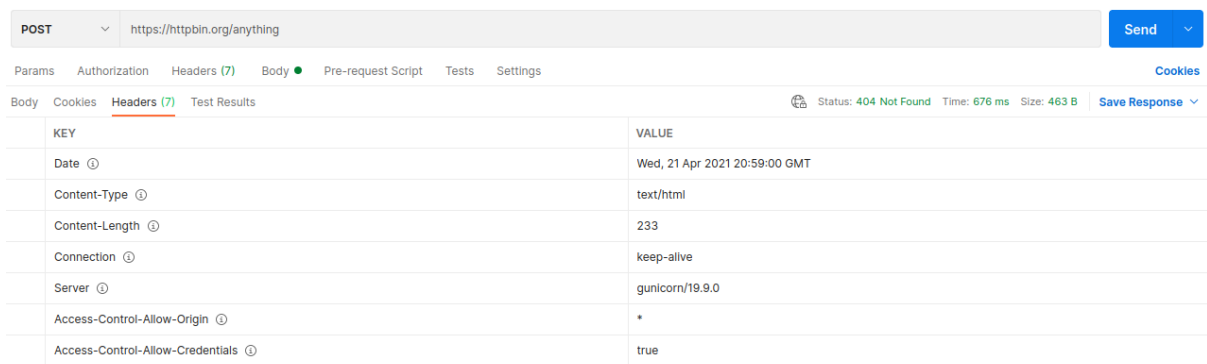
## Body alterado:



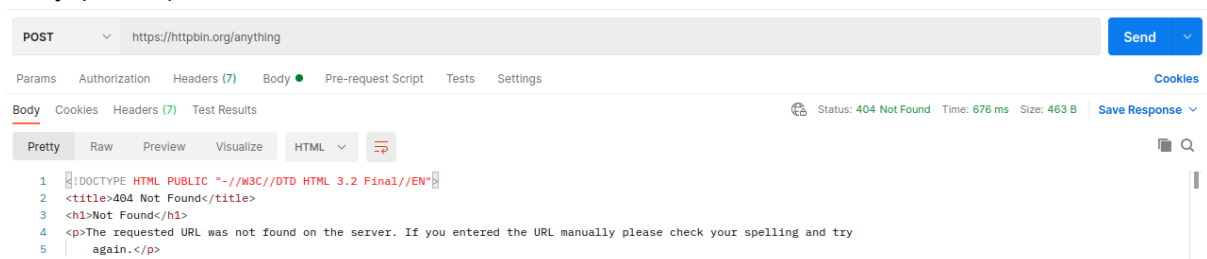
## Header automaticamente alterado:



## Header (obtido):



## Body (obtido):



Notamos a mudança automática do parâmetro *Content-Type* para JSON, assim como a mudança do parâmetro *Content-Length* de 0 para 233 após o requerimento POST.

10. Requerimento POST para <https://httpbin.org/anything> utilizando o *header* com *Content-Type* definido como *application/json*



## Header (alterado manualmente):

The screenshot shows the Postman interface for a POST request to `https://httpbin.org/anything`. The 'Headers' tab is selected, showing a list of headers. The 'Content-Type' header is manually set to `application/json`. Other headers like 'Content-Length', 'Host', 'User-Agent', 'Accept', 'Accept-Encoding', and 'Connection' are automatically generated by Postman.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Content-Type	<code>application/json</code>	
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	<code>PostmanRuntime/7.28.0</code>	
<input checked="" type="checkbox"/> Accept	<code>*/*</code>	
<input checked="" type="checkbox"/> Accept-Encoding	<code>gzip, deflate, br</code>	
<input checked="" type="checkbox"/> Connection	<code>keep-alive</code>	
<input checked="" type="checkbox"/> Content-Type	<code>application/json</code>	

Os resultados são idênticos aos do item 9., visto que o campo *Content-Type* é alterado automaticamente.

11. Requerimento GET para <https://httpbin.org/anything> com *header* preenchido no campo *Accept-Encoding: gzip*

## Header (alterado manualmente):

The screenshot shows the Postman interface for a GET request to `https://httpbin.org/anything`. The 'Headers' tab is selected, showing a list of headers. The 'Accept-Encoding' header is manually set to `gzip`. Other headers like 'Content-Type', 'Content-Length', 'Host', 'User-Agent', 'Accept', and 'Connection' are automatically generated by Postman.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Content-Type	<code>application/json</code>	
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	<code>PostmanRuntime/7.28.0</code>	
<input checked="" type="checkbox"/> Accept	<code>*/*</code>	
<input checked="" type="checkbox"/> Accept-Encoding	<code>gzip, deflate, br</code>	
<input checked="" type="checkbox"/> Connection	<code>keep-alive</code>	
<input checked="" type="checkbox"/> Content-Type	<code>application/json</code>	
<input checked="" type="checkbox"/> Accept-Encoding	<code>gzip</code>	

Os resultados são iguais aos dos itens 9. e 10., uma vez que *gzip* já era aceito por preenchimento automático de *header*

12. Requerimento POST para <https://httpbin.org/anything> usando como *body* o texto em extensão JSON

## Body sugerido:

The screenshot shows the Postman interface for a POST request to `https://httpbin.org/anything`. The 'Body' tab is selected, and the 'JSON' format is chosen. The suggested JSON body is displayed in a text area.

```
1 {
2   "FirstName": "Jorge",
3   "LastName": "Salhani",
4   "UserName": "jsalhani",
5   "Password": "123"
6 }
```

Header:

POSThttps://httpbin.org/anything		Send
ParamsAuthorizationHeaders (7)Body●Pre-request ScriptTestsSettings		Cookies
BodyCookiesHeaders (7)Test Results		Status: 200 OKTime: 262 msSize: 1 KBSave Response
KEY	VALUE	
Date	Wed, 21 Apr 2021 21:38:30 GMT	
Content-Type	application/json	
Content-Length	795	
Connection	keep-alive	
Server	gunicorn/19.9.0	
Access-Control-Allow-Origin	*	
Access-Control-Allow-Credentials	true	

Body:

POSThttps://httpbin.org/anything		Send
ParamsAuthorizationHeaders (7)Body●Pre-request ScriptTestsSettings		Cookies
BodyCookiesHeaders (7)Test Results		Status: 200 OKTime: 262 msSize: 1 KBSave Response
PrettyRawPreviewVisualizeJSON		
<pre>1  { 2    "args": {}, 3    "data": "{\n  \"FirstName\": \"Jorge\", \n  \"LastName\": \"Salhani\", \n  \"UserName\": \"jsalhani\", \n  \"Password\": \"123\\n\", 4    \"files\": {}, 5    \"form\": {}, 6    \"headers\": { 7      \"Accept\": \"*/*\", 8      \"Accept-Encoding\": \"gzip, deflate, br\", 9      \"Cache-Control\": \"no-cache\", 10     \"Content-Length\": \"102\", 11     \"Content-Type\": \"application/json\", 12     \"Host\": \"httpbin.org\", 13     \"Postman-Token\": \"0c5e8970-d0bc-436a-a998-c2106a98785c\", 14     \"User-Agent\": \"PostmanRuntime/7.28.0\", 15     \"X-Amzn-Trace-Id\": \"Root=1-60809b56-7002dc6c23d11a30790e995b\" 16   }, 17   \"json\": { 18     \"FirstName\": \"Jorge\",</pre>		

13. Requerimento PUT para <https://httpbin.org/anything>

Header:

PUThttps://httpbin.org/anything		Send
ParamsAuthorizationHeaders (6)Body●Pre-request ScriptTestsSettings		Cookies
BodyCookiesHeaders (7)Test Results		Status: 200 OKTime: 1416 msSize: 751 BSave Response
KEY	VALUE	
Date	Wed, 21 Apr 2021 22:28:40 GMT	
Content-Type	application/json	
Content-Length	521	
Connection	keep-alive	
Server	gunicorn/19.9.0	
Access-Control-Allow-Origin	*	
Access-Control-Allow-Credentials	true	

## Body (*body* sem conteúdo):

The screenshot shows a Postman interface for a PUT request to `https://httpbin.org/anything`. The 'Body' tab is selected, and the 'Pretty' view is active. The body is empty, represented by a large curly brace `{}`. The status bar at the top right indicates 'Status: 200 OK', 'Time: 1416 ms', and 'Size: 751 B'. The 'Save Response' button is visible.

## Conteúdo do *body* (inserido):

The screenshot shows a Postman interface for a PUT request to `https://httpbin.org/anything`. The 'Body' tab is selected, and the 'raw' view is active. The body contains a JSON object: `{ "FirstName": "Jorge", "LastName": "Salhani", "UserName": "jsalhani", "Password": "123" }`. The status bar at the top right indicates 'Status: 200 OK', 'Time: 452 ms', and 'Size: 1 KB'. The 'Save Response' button is visible.

## Body (com conteúdo):

The screenshot shows a Postman interface for a PUT request to `https://httpbin.org/anything`. The 'Body' tab is selected, and the 'raw' view is active. The body contains a JSON object: `{ "args": {}, "data": {"FirstName": "Jorge", "LastName": "Salhani", "UserName": "jsalhani", "Password": "123"}, "files": {}, "form": {}, "headers": { "Accept": "*/*", "Accept-Encoding": "gzip, deflate, br", "Cache-Control": "no-cache", "Content-Length": "102", "Content-Type": "application/json", "Host": "httpbin.org", "Postman-Token": "f1807f12-76d0-4f30-8061-6a43e6cb1e53", "User-Agent": "PostmanRuntime/7.28.0", "X-Amzn-Trace-Id": "Root=1-6080a76e-377f176110b7e3c91ba18649"}, "json": { "FirstName": "Jorge", ... } }`. The status bar at the top right indicates 'Status: 200 OK', 'Time: 452 ms', and 'Size: 1 KB'. The 'Save Response' button is visible.

Notamos a inserção do conteúdo adicionado no *Body* no campo **Data**, na linha 3.

14. Requerimento GET para <https://www.twitter.com>

Header:

GET

https://www.twitter.com

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies (2)

Headers (18)

Test Results

Status: 200 OK

Time: 1086 ms

Size: 48.75 KB

Save Response

pragma	no-cache
server	tsa_b
strict-transport-security	max-age=631138519
transfer-encoding	chunked
x-connection-hash	b1ab4083750104b1c3ec043acd3b9d96
x-content-type-options	nosniff
x-frame-options	DENY
x-powered-by	Express
x-response-time	34
x-xss-protection	0

Cookies:

GET

https://www.twitter.com

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies (2)

Headers (18)

Test Results

Status: 200 OKTime: 1086 msSize: 48.75 KB

Save Response

Name	Value	Domain	Path	Expires	HttpOnly	Secure
personalizatk...	%22v1_nHYR ...	twitter.com	/	Fri, 21 Apr 20 ...	false	true
guest_id	v1%3A161904...	twitter.com	/	Fri, 21 Apr 20 ...	false	true

Body:

GET

https://www.twitter.com

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies (2)

Headers (18)

Test Results

Status: 200 OK Time: 1086 ms Size: 48.75 KB Save Response

Pretty

Raw

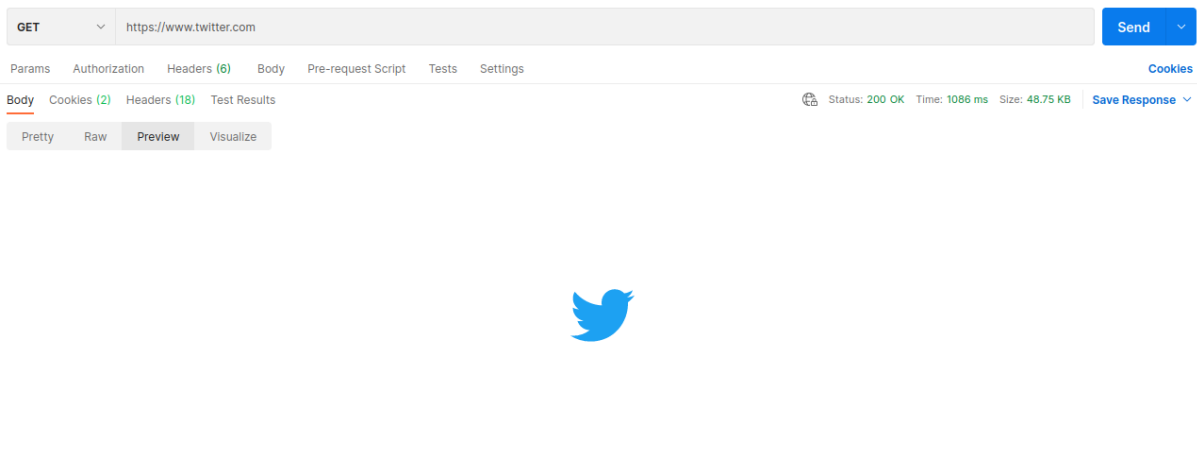
Preview

Visualize

HTML

```
1 <!DOCTYPE html>
2 <html dir="ltr" lang="en">
3 <meta charset="utf-8" />
4 <meta name="viewport" content="width=device-width,initial-scale=1,maximum-scale=1,user-scalable=0,viewport-fit=cover" />
5 <link rel="preconnect" href="//abs.twimg.com" />
6 <link rel="dns-prefetch" href="//abs.twimg.com" />
7 <link rel="preconnect" href="//api.twitter.com" />
8 <link rel="dns-prefetch" href="//api.twitter.com" />
9 <link rel="preconnect" href="//pbs.twimg.com" />
10 <link rel="dns-prefetch" href="//pbs.twimg.com" />
11 <link rel="preconnect" href="//t.co" />
12 <link rel="dns-prefetch" href="//t.co" />
13 <link rel="preconnect" href="//video.twimg.com" />
14 <link rel="dns-prefetch" href="//video.twimg.com" />
15 <link rel="preload" as="script" crossorigin="anonymous"
16   href="https://abs.twimg.com/responsive-web/client-web-legacy/polyfills.98da7185.js"
17   nonce="MDE1NDg2NmItMGRlYi00YmU3LWJmNjktZDc2MmM4MmYwNjdm" />
18 <link rel="preload" as="script" crossorigin="anonymous"
```

## Preview:

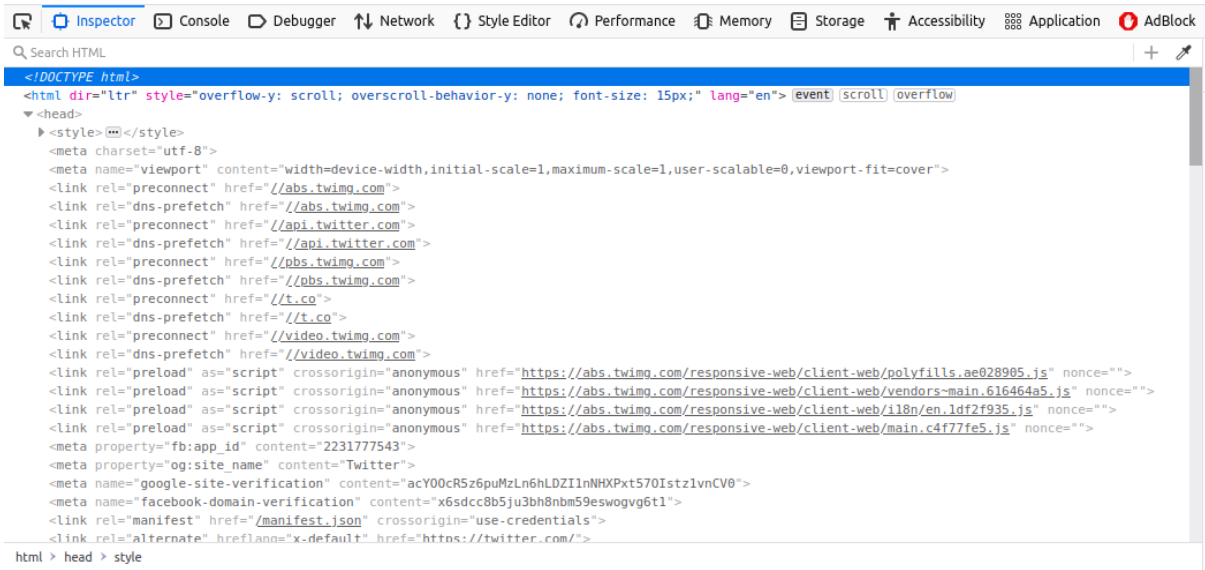


## Página web (browser):



Embora na visualização em *Preview* não contenha os mesmos elementos, podemos vê-los no console do browser

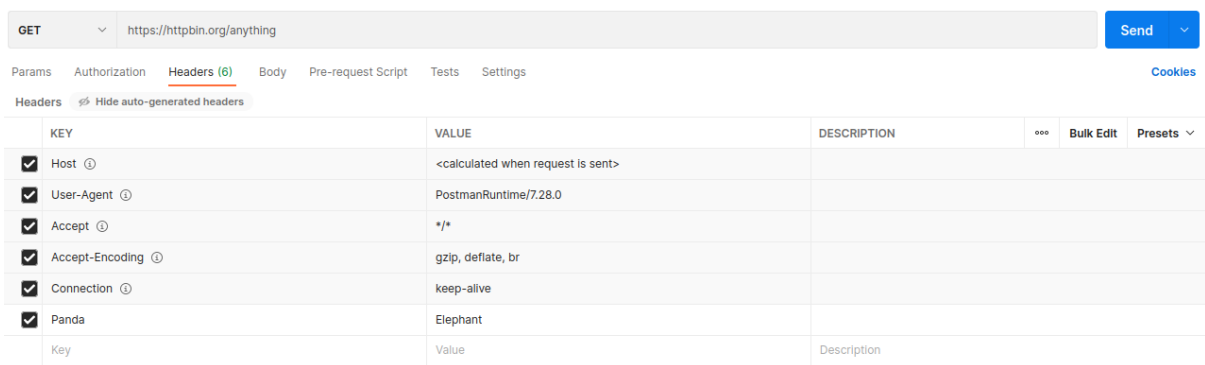
Browser HTML Inspector:



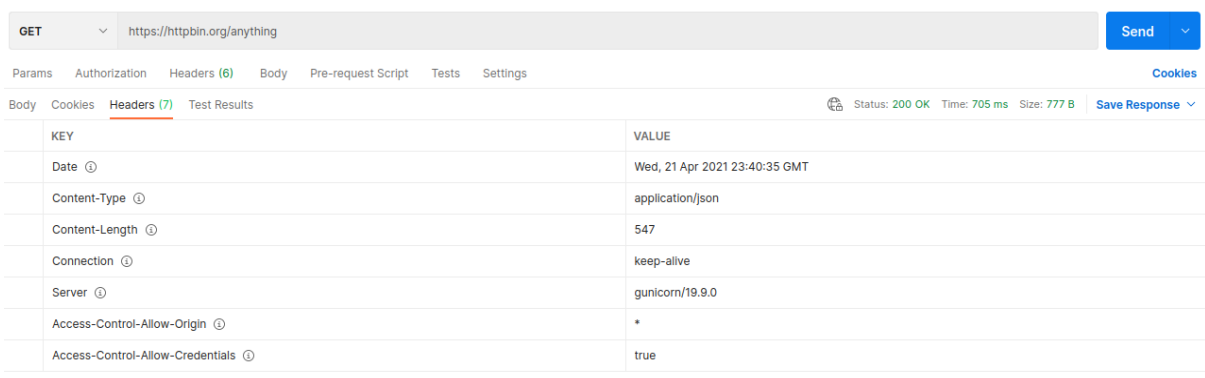
Comparando o requisito obtido no Postman notamos que ambos os conteúdos são iguais.

15. Requerimento qualquer para <https://httpbin.org/anything> com *header {panda:elephant}*

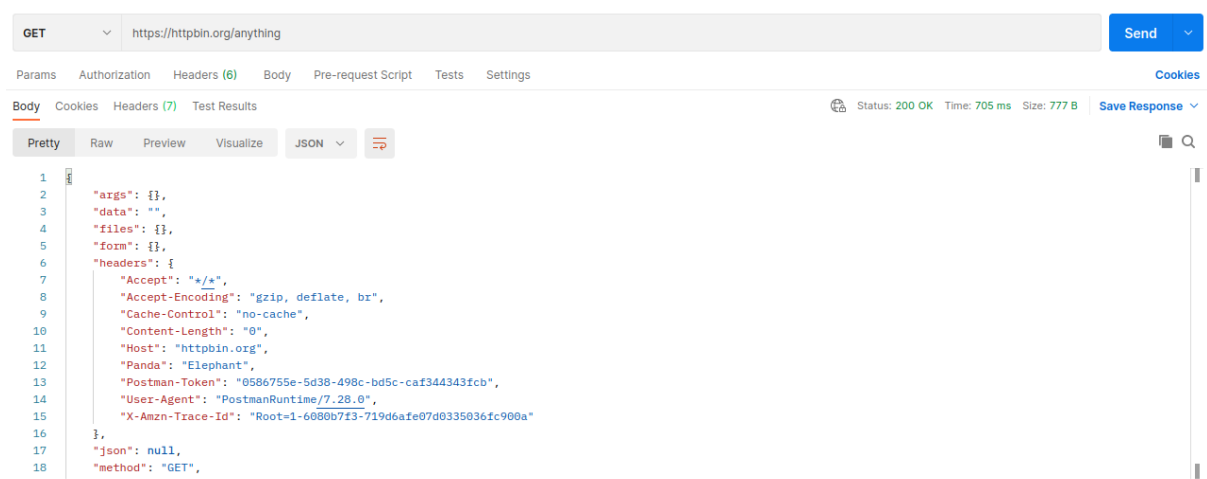
Header (modificado):



Header (obtido):



## Body:



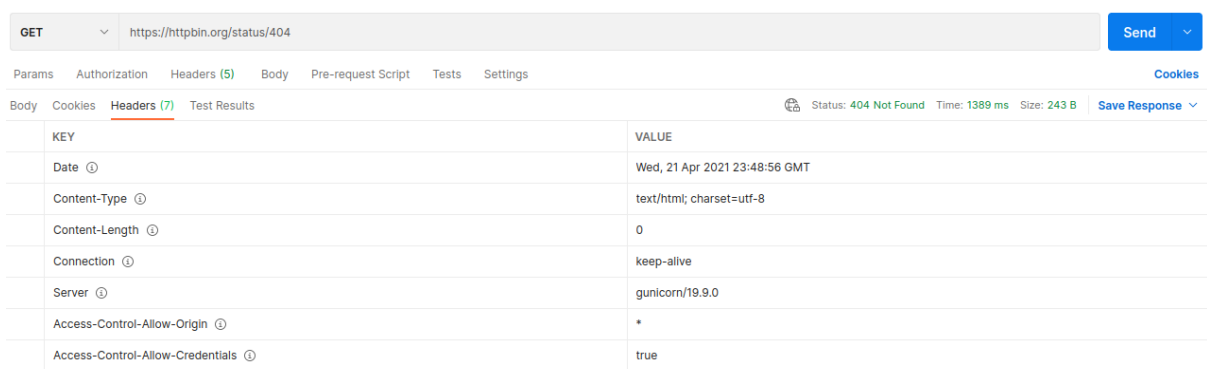
```
1 {
2   "args": {},
3   "data": "",
4   "files": {},
5   "form": {},
6   "headers": {
7     "Accept": "*/*",
8     "Accept-Encoding": "gzip, deflate, br",
9     "Cache-Control": "no-cache",
10    "Content-Length": "0",
11    "Host": "httpbin.org",
12    "Panda": "Elephant",
13    "Postman-Token": "0586755e-5d38-498c-bd5c-caf344343fcb",
14    "User-Agent": "PostmanRuntime/7.28.0",
15    "X-Amzn-Trace-Id": "Root=1-6080b7f3-719d6afe07d6335036fc900a"
16  },
17   "json": null,
18   "method": "GET",
19 }
```

Notamos que independente do conteúdo presente no *Header*, o requerimento o adiciona como chave:valor, tal como notamos na linha 12 no *Body* obtido pela requisição.

16. Requerimento GET para <https://httpbin.org/status/404> e <https://httpbin.org/status/200>

Primeiro, utilizando <https://httpbin.org/status/404>

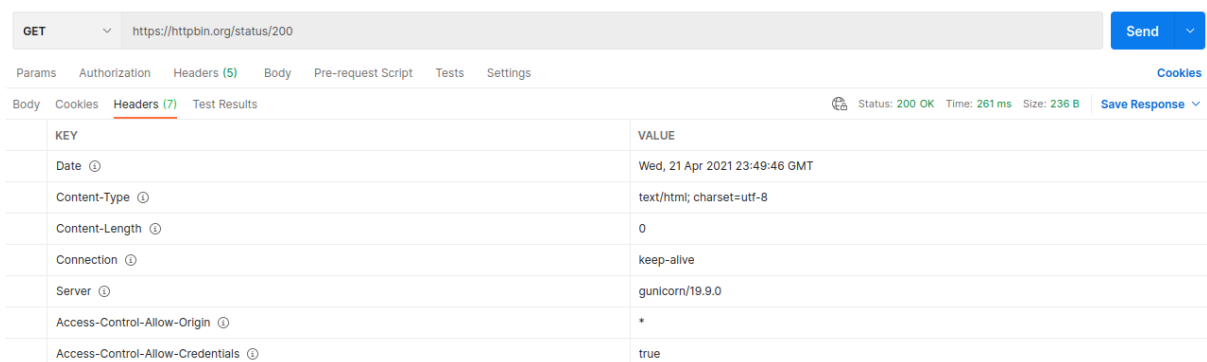
## Header:



KEY	VALUE
Date	Wed, 21 Apr 2021 23:48:56 GMT
Content-Type	text/html; charset=utf-8
Content-Length	0
Connection	keep-alive
Server	gunicorn/19.9.0
Access-Control-Allow-Origin	*
Access-Control-Allow-Credentials	true

Em seguida, utilizando <https://httpbin.org/status/200>

## Header:



KEY	VALUE
Date	Wed, 21 Apr 2021 23:49:46 GMT
Content-Type	text/html; charset=utf-8
Content-Length	0
Connection	keep-alive
Server	gunicorn/19.9.0
Access-Control-Allow-Origin	*
Access-Control-Allow-Credentials	true

Em ambos os casos, o elemento *Body* não retorna conjunto de dados. O resultado de cada status pode ser visualizado no canto superior direito em cada um dos *Headers*, mostrando **status: 404 not found** e **status: 200 ok**, respectivamente

17. Requerimento POST sobre <https://httpbin.org/anything> para adicionar *username* e *password*

A adição pode ser feita diretamente como *query string*. Assim, temos

Parâmetros:

POST	https://httpbin.org/anything?username=jorge&password=123123	Send
Params	Authorization	Headers (7)
Body	Pre-request Script	Tests
Settings		Cookies
Query Params		
	KEY	VALUE
<input checked="" type="checkbox"/>	username	jorge
<input checked="" type="checkbox"/>	password	123123
	Key	Value
	Description	Description

Header:

POST	https://httpbin.org/anything?username=jorge&password=123123	Send
Params	Authorization	Headers (6)
Body	Pre-request Script	Tests
Settings		Cookies
Body		
Cookies		
Headers (7)		
Test Results		
Status: 200 OK Time: 254 ms Size: 837 B Save Response		
	KEY	VALUE
	Date	Thu, 22 Apr 2021 00:06:18 GMT
	Content-Type	application/json
	Content-Length	607
	Connection	keep-alive
	Server	gunicorn/19.9.0
	Access-Control-Allow-Origin	*
	Access-Control-Allow-Credentials	true

Body:

POST	https://httpbin.org/anything?username=jorge&password=123123	Send
Params	Authorization	Headers (6)
Body	Pre-request Script	Tests
Settings		Cookies
Body		
Cookies		
Headers (7)		
Test Results		
Status: 200 OK Time: 254 ms Size: 837 B Save Response		
Pretty	Raw	Preview
Visualize	JSON	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
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14		
15		
16		
17		
18		

Notamos a presença da associação chave:valor nas linhas de 2 a 5 contendo nosso *username* e *password* adicionados.