

Open Year Round.
튜터 : 김현지



4주차



Postman 사용법



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(¹postman)

Postman

REST API 설계, 개발, 테스트를 할 수 있는 프로그램

(2 설치)

Download Postman | Get Started for Free



Download Postman

Download the app to quickly get started using the Postman API Platform. Or, if you prefer a browser experience, you can try the new web version of Postman.

The Postman app

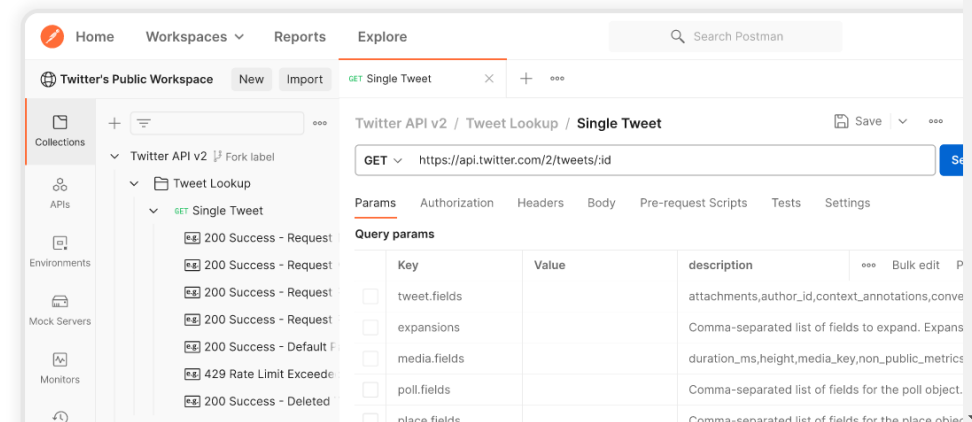
The ever-improving Postman app (a new release every week) gives you a full-featured Postman experience.

 Windows 64-bit

By downloading and using Postman, I agree to the [Privacy Policy](#) and [Terms](#).

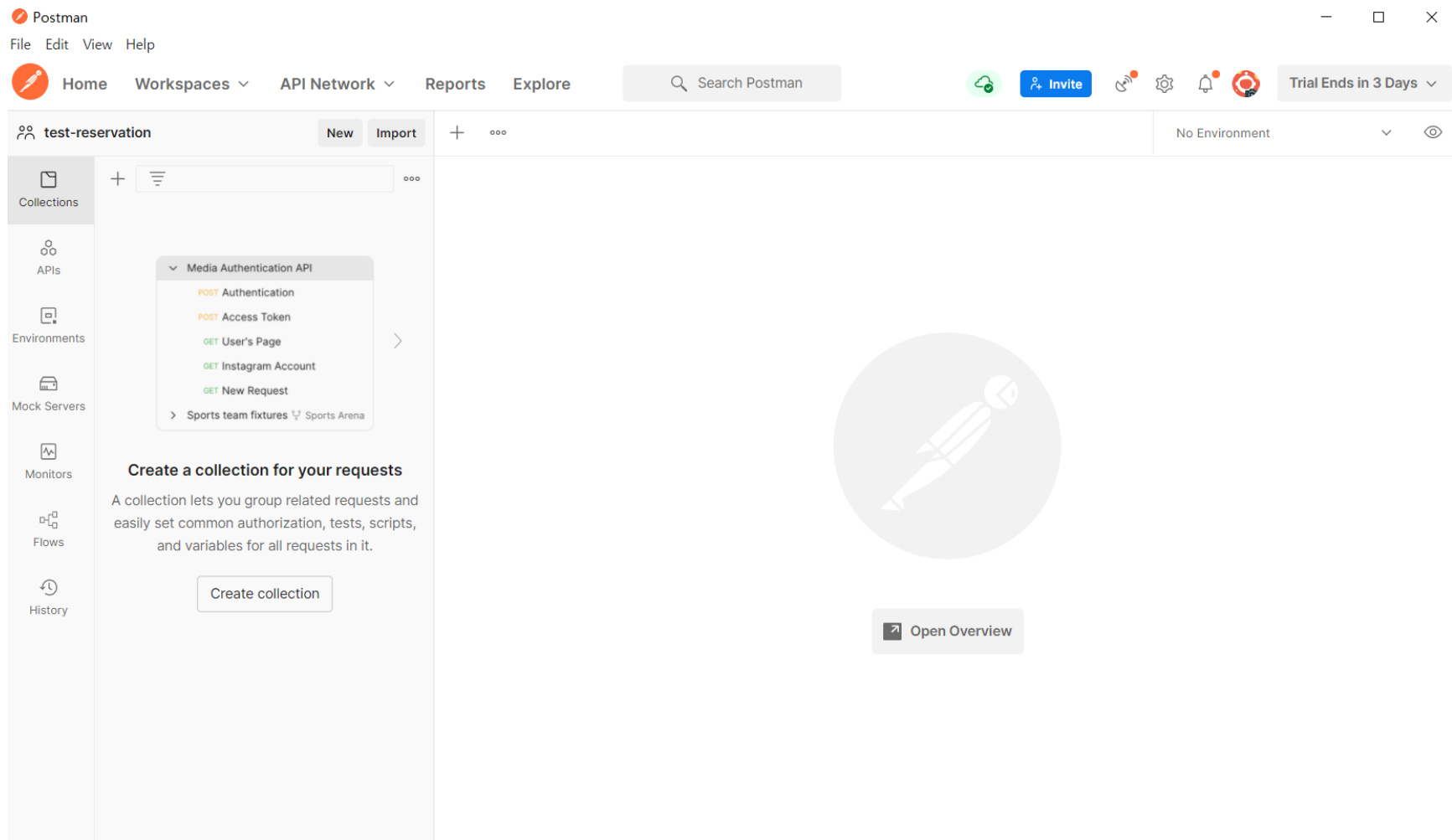
Version 9.9.3 · [Release Notes](#) · [Product Roadmap](#)

Not your OS? Download for Mac ([Intel Chip](#) / [Apple Chip](#)) or Linux



(2 사용)

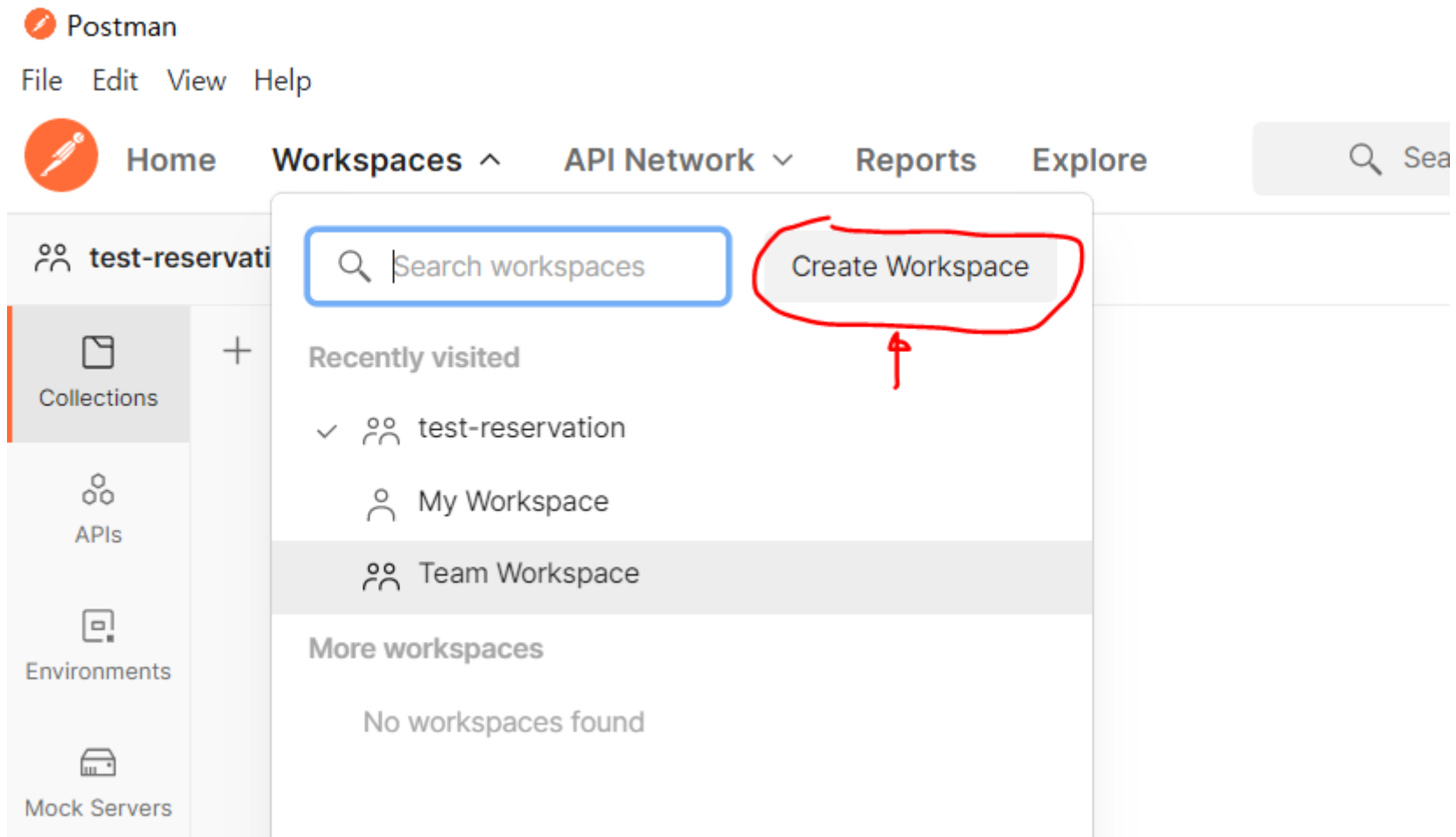
회원가입 → 로그인



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사용)

workspace 생성

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사용)

create workspace

Postman

File Edit View Help

Home Workspaces API Network Reports Explore Search Postman

Trial Ends in 3 Days

Create workspace

Name

test

Summary

Add a brief summary about this workspace.

Visibility

Determines who can access this workspace.

☐ Personal
Only you can access

☐ Private
Only invited team members can access

☒ Team
All team members can access

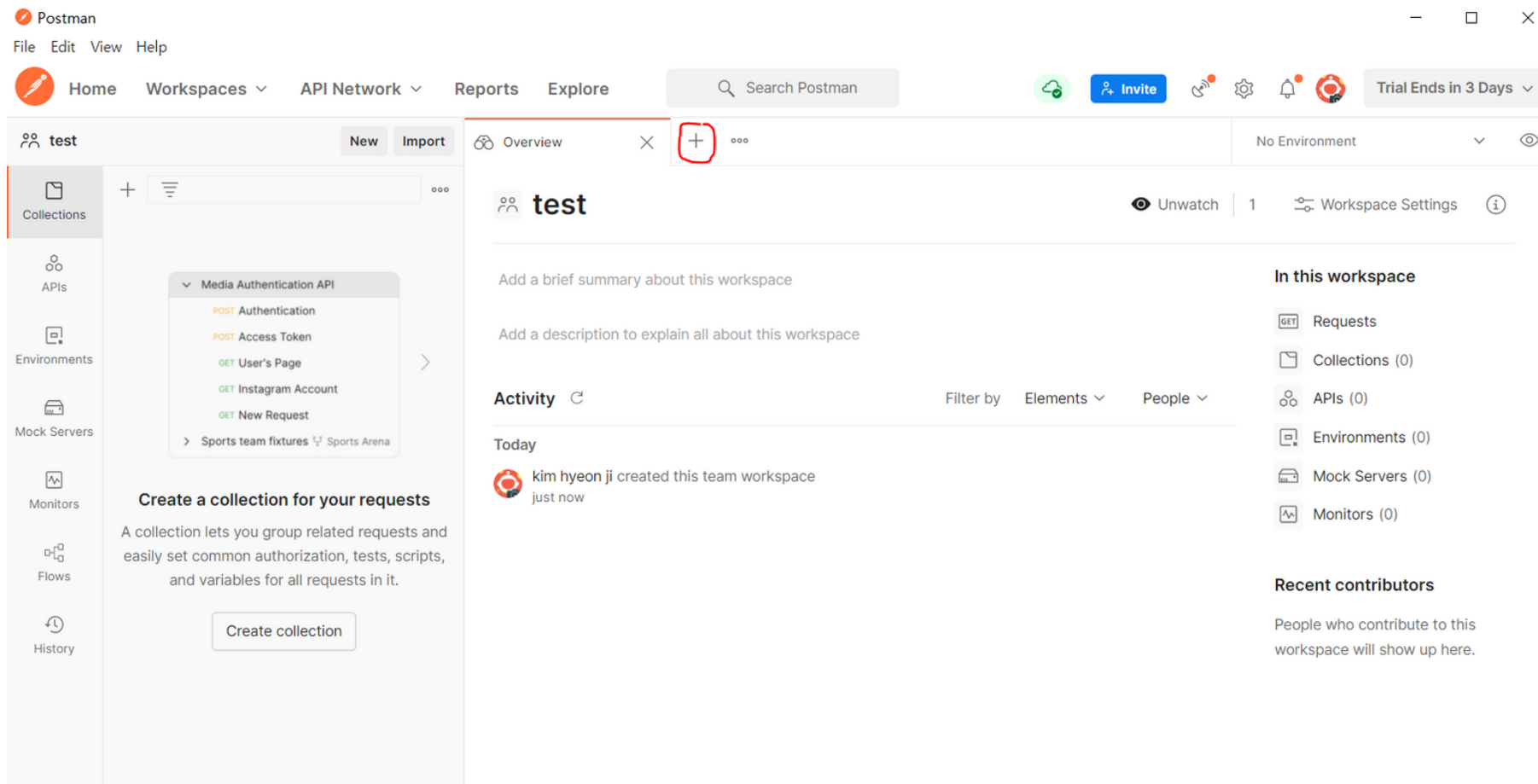
☐ Public
Everyone can view

Create Workspace Cancel

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사용

[+] 버튼 클릭

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사용)

요청 URL, 메소드 방식 입력 후 send

요청 사이트: <https://jsonplaceholder.typicode.com/>
→ REST API 요청, 응답 테스트

Method 방식: GET

요청 URL: <https://jsonplaceholder.typicode.com/users>

```
[  
  {  
    "id": 1,  
    "name": "Leanne Graham",  
    "username": "Bret",  
    "email": "Sincere@april.biz",  
    "address": {  
      "street": "Kulas Light",  
      "suite": "Apt. 556",  
      "city": "Gwenborough",  
      "zipcode": "92998-3874",  
      "geo": {  
        "lat": "-37.3159",  
        "lng": "81.1496"  
      }  
    }  
  }  
]
```

(3 사용)

GET 방식으로 설정 → 요청 URL 입력 → Send

Overview GET https://jsonplaceh... No Environment

https://jsonplaceholder.typicode.com/users Save


GET https://jsonplaceholder.typicode.com/users Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Response



Click Send to get a response

(3 사용)

응답 확인

The screenshot displays a REST client interface with the following components:

- Overview Tab:** Shows the request method (GET) and URL (https://jsonplaceholder.typicode.com/users).
- Params Tab:** Displays a table for Query Params.
- | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-----|-------|-------------|-----|-----------|
| Key | Value | Description | | |
- Body Tab:** Shows the response body in JSON format, with the first object circled in red.

Response Body (JSON):

```
1 {  
2     
3   "id": 1,  
4   "name": "Leanne Graham",  
5   "username": "Bret",  
6   "email": "Sincere@april.biz",  
7   "address": {  
8     "street": "Kulas Light",  
9     "suite": "Apt. 556",  
10    "city": "Gwenborough".  
}
```

Response Metadata: Status: 200 OK, Time: 236 ms, Size: 6.58 KB.

(3 사용)

Query string이 포함된 get 방식 호출

https://jsonplaceholder.typicode.com/comments?postId=1

Overview GET https://jsonplaceh... + ... No Environment

https://jsonplaceholder.typicode.com/comments?postId=1 Save </>

GET https://jsonplaceholder.typicode.com/comments?postId=1 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	postId	1			
	Key	Value	Description		

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사용

Query string이 포함된 get 방식 호출

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BodyCookiesHeaders (24)Test Results

Status: 200 OKTime: 906 msSize: 155.1 KBSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   {
3     "postId": 1,
4     "id": 1,
5     "name": "id labore ex et quam laborum",
6     "email": "Eliseo@gardner.biz",
7     "body": "laudantium enim quasi est quidem magnam voluptate ipsam eos\ntempora quo necessitatibus\ndolor quam autem
8       quasi\nreiciendis et nam sapiente accusantium"
9   },
10  {
11    "postId": 1,
12    "id": 2,
13    "name": "quo vero reiciendis velit similique earum",
14    "email": "Jayne_Kuhic@sydney.com",
15    "body": "est natus enim nihil est dolore omnis voluptatem numquam\net omnis occaecati quod ullam at\nvoluptatem error
16      expedita pariatur\nnihil sint nostrum voluptatem reiciendis et"
17  },
18  {
19    "postId": 1,
20    "id": 3,
```

Capture RequestsBootcampRunnerTrash

json이 사용된 post 방식의 호출 jsonplaceholder.typicode.com/posts

The screenshot displays a REST client interface with a POST request to `http://jsonplaceholder.typicode.com/posts`. The request body is a JSON object: `{ "title": "foo", "body": "bar", "userId": 1 }`. The response status is 201 Created, with a time of 457 ms and a size of 1.11 KB. The response body is shown in a pretty-printed JSON format: `{ "title": "foo", "body": "bar", "userId": 1, "id": 101 }`.

Overview | POST http://jsonplaceh... | POST http://jsonplaceh... | + ... | No Environment

http://jsonplaceholder.typicode.com/posts | Save | Edit | </>

POST | http://jsonplaceholder.typicode.com/posts | Send

Params | Authorization | Headers (8) | Body | Pre-request Script | Tests | Settings | Cookies | Beautify

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON

```
1 {
2   ... "title" : "foo",
3   ... "body" : "bar",
4   ... "userId" : 1
5 }
```

Body | Cookies | Headers (24) | Test Results | Status: 201 Created | Time: 457 ms | Size: 1.11 KB | Save Response

Pretty | Raw | Preview | Visualize | JSON

```
1 {
2   "title": "foo",
3   "body": "bar",
4   "userId": 1,
5   "id": 101
6 }
```

(3 사용)

json이 사용된 post 방식의 호출

Content-Type이 application/json으로 자동 추가

Headers		Hide auto-generated headers				
	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets ▾
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>				
<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/7.28.4				
<input checked="" type="checkbox"/>	Accept ⓘ	*/*				
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br				
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive				
	Key	Value	Description			

(end)

thank you.