



# ACTIVIDAD 21 – API TESTING

BOOTCAMP, TESTING Y AUTOMATIZACION

**PRESENTADO POR:**

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**MINDHUB- PROTALENTO**

**CALI-COLOMBIA**

**2024**

## PRIMER EJERCICIO #1

### JSON Data/URL

```
{
  "Nombre" : "Jorge Eduardo",
  "Apellido" : "Rivera Fernandez",
  "Edad" : 23,
  "Nombre de mascotas" : "Pinki, Orus, Chimuelo",
  "Nombre de mascotas" : null,
  "Gustos" : [
    "Leer",
    "Anime",
    "Peliculas",
    "Comida",
    "Viajar",
    "Motos y Carros",
  ]
}
```

Process

#1

September 18th 2024, 1:32:50 pm



VALID (RFC 8259)

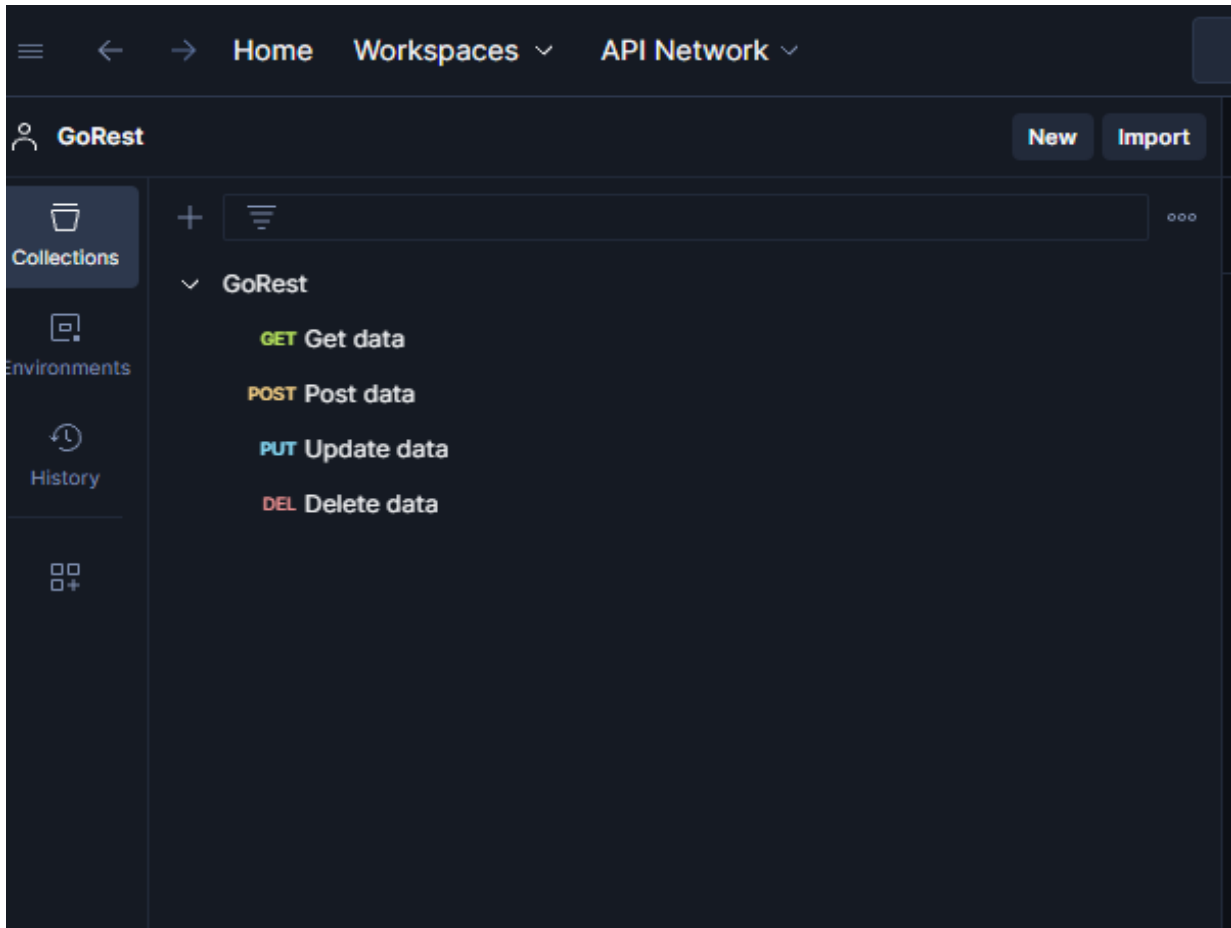
#### Fixer/Validator Output

- Info:** Removed trailing comma.
- Warning:** Duplicate key, names should be unique. [Code 23, Structure 17]

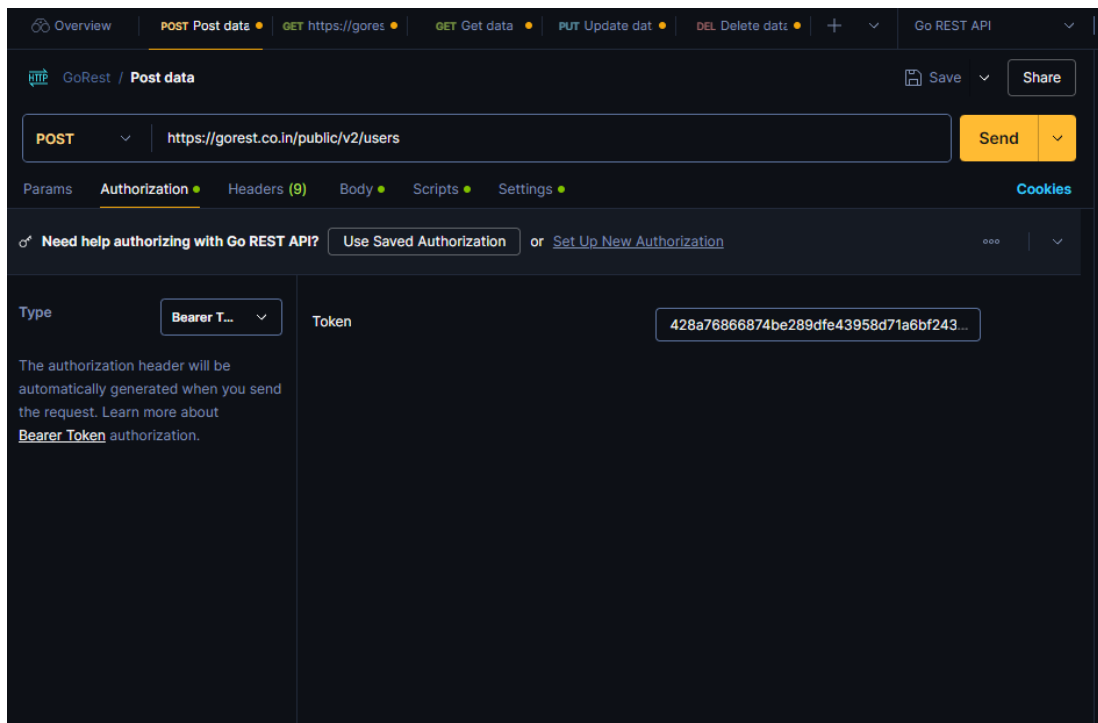
#### Formatted JSON Data

```
{
  "Nombre": "Jorge Eduardo",
  "Apellido": "Rivera Fernandez",
  "Edad": 23,
  "Nombre de mascotas": "Pinki, Orus, Chimuelo",
  "Nombre de mascotas": null,
  "Gustos": [
    "Leer",
    "Anime",
    "Peliculas",
    "Comida",
    "Viajar",
    "Motos y Carros"
  ]
}
```

## SEGUNDO EJERCICIO #2 WORKSPACE



## POST:



GoRest / Post data

POST https://gorest.co.in/public/v2/users Send

Params Authorization Headers (9) Body Scripts Settings Cookies

Pre-request

Post-response

```
1 pm.test("Successful POST request", function () {
2   pm.expect(pm.response.code).to.be.oneOf([200, 201]);
3 });
4
```

Test scripts are written in JavaScript, and are run after the response is received. Learn more about [tests scripts](#)

Snippets

- Get an environment variable
- Get a global variable
- Get a variable
- Get a collection variable
- Set an environment variable
- Set a global variable
- Set a collection variable
- Clear an environment variable
- Clear a global variable
- Clear a collection variable
- Send a request
- Status code: Code is 200

GET:

GoRest / Get data

GET https://gorest.co.in/public/v2/users Send

Params Authorization Headers (6) Body Scripts Settings Cookies

Pre-request

Post-response

```
1 {
2   "name": "Tenali Ramakrishna",
3   "gender": "male",
4   "email": "tenali.ramakrishna@15ce.com",
5   "status": "active"
6 }
```

Test scripts are written in JavaScript, and are run after the response is received. Learn more about [tests scripts](#)

Snippets

- Get an environment variable
- Get a global variable
- Get a variable
- Get a collection variable

Body Cookies Headers (13) Test Results 522 • 39.60 s • 7.63 KB Save Response

Pretty Raw Preview Visualize HTML

```
1 <!DOCTYPE html>
2 <!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif-->
3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif-->
5 <!--[if gt IE 8]><!--
6 <html class="no-js" lang="en-US">
7 <!--<![endif-->
8
9 <head>
10
```

GoRest / **Get data** Save Share

**GET** https://gorest.co.in/public/v2/users Send

Params **Authorization** Headers (7) Body Scripts Settings Cookies

Need help authorizing with Go REST API?

Type **Bearer T...** Token 428a76866874be289dfe43958d71a6bf243...

Body Cookies Headers (13) Test Results 522 39.60 s 7.63 KB Save Response

**Pretty** Raw Preview Visualize **HTML**

```
1 <!DOCTYPE html>
2 <!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif-->
3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang="en-US">
7 <!--<![endif-->
8
9 <head>
10
11
12 <title>gorest.co.in | 522: Connection timed out</title>
13 <meta charset="UTF-8" />
14 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
15 <meta http-equiv="X-UA-Compatible" content="IE=Edge" />
16 <meta name="robots" content="noindex, nofollow" />
```

Runner Start Proxy Cookies Trash

PUT:

GoRest / **Update data** Save Share

**PUT** https://gorest.co.in/public/v2/users/{{ userID }} Send

Params **Authorization** Headers (9) Body Scripts Settings Cookies

Need help authorizing with Go REST API? Use Saved Authorization or Set Up New Authorization

Type **Bearer T...** Token 428a76866874be289dfe43958d71a6bf243...

The authorization header will be automatically generated when you send

**Pretty** Raw Preview Visualize **HTML**

```
1 <!DOCTYPE html>
2 <!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif-->
3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif-->
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12 <title>gorest.co.in | 522: Connection timed out</title>
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15 <meta http-equiv="X-UA-Compatible" content="IE=Edge" />
16 <meta name="robots" content="noindex, nofollow" />
```

Runner Start Proxy Cookies Trash

GoRest / Update data

PUT `https://gorest.co.in/public/v2/users/{{ userID }}` Send

Params Authorization Headers (9) Body Scripts Settings Cookies

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

```

1 {
2   "name": "Tenali Ramakrishna",
3   "gender": "male",
4   "email": "tenali.ramakrishna@15ce.com",
5   "status": "active"
6 }

```

Body Cookies Headers (13) Test Results 522 • 39.60 s • 7.63 KB Save Response

Pretty Raw Preview Visualize HTML

```

1 <!DOCTYPE html>
2 <!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif]-->
3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif]-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif]-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang="en-US">
7 <!--<![endif]-->
8
9 <head>
10

```

## DELET:

GoRest / Delete data

DELETE `https://gorest.co.in/public/v2/users/{{ userID }}` Send

Params Authorization Headers (7) Body Scripts Settings Cookies

Type Bearer T... Token 428a76866874be289dfe43958d71a6bf243...

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization

Body Cookies Headers (13) Test Results (0/1) 522 • 39.55 s • 7.64 KB Save Response

Pretty Raw Preview Visualize HTML

```

1 <!DOCTYPE html>
2 <!--[if lt IE 7]> <html class="no-js ie6 oldie" lang="en-US"> <![endif]-->
3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif]-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif]-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang="en-US">
7 <!--<![endif]-->
8
9 <head>
10
11
12 <title>gorest.co.in | 522: Connection timed out</title>
13 <meta charset="UTF-8" />
14 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
15 <meta http-equiv="X-UA-Compatible" content="IE=Edge" />

```

Runner Start Proxy Cookies Trash

GoRest / Delete data

DELETE  Send

Params Authorization Headers (9) **Body** Scripts Settings Cookies Beautify

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON**

```
1 {
2   "name": "Tenali Ramakrishna",
3   "gender": "male",
4   "email": "tenali.ramakrishna@15ce.com",
5   "status": "active"
6 }
```

Body Cookies Headers (13) Test Results (0/1) 522 • 39.55 s • 7.64 KB • Save Response

Pretty Raw Preview Visualize **HTML**

```
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3 <!--[if IE 7]> <html class="no-js ie7 oldie" lang="en-US"> <![endif-->
4 <!--[if IE 8]> <html class="no-js ie8 oldie" lang="en-US"> <![endif-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang="en-US">
7 <!--<![endif-->
8
9 <head>
10
11
```

Runner Start Proxy Cookies Trash

## TESTING AUTOMATION

Home Workspaces API Network Search Postman Invite Upgrade

GoRest New Import Overview POST Post data GET https://gc GET Get data PUT Update d DEL Delete da GoRest Go REST API

Collections GoRest

- POST Post data
- GET Get data
- PUT Update data
- DEL Delete data

GoRest - Run results Run Again Automate Run New Run Export Results

Ran today at 14:27:52 View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	Go REST API	1	1s 193ms	4	124 ms

All Tests Passed (4) Failed (0) Skipped (0) View Summary

Iteration 1

**POST Post data**  
https://postman-rest-api-learner.glitch.me/info 200 OK 108 ms 319 B  
PASS Successful POST request

**GET Get data**  
https://postman-rest-api-learner.glitch.me/info?id=1 200 OK 163 ms 249 B  
PASS Status code is 200

**PUT Update data**  
https://postman-rest-api-learner.glitch.me/info?id=1 200 OK 111 ms 333 B  
PASS Successful PUT request

**DELETE Delete data**  
https://postman-rest-api-learner.glitch.me/info?id=1 200 OK 113 ms 267 B  
PASS Successful DELETE request

Online Find and replace Console Runner Start Proxy Cookies Trash