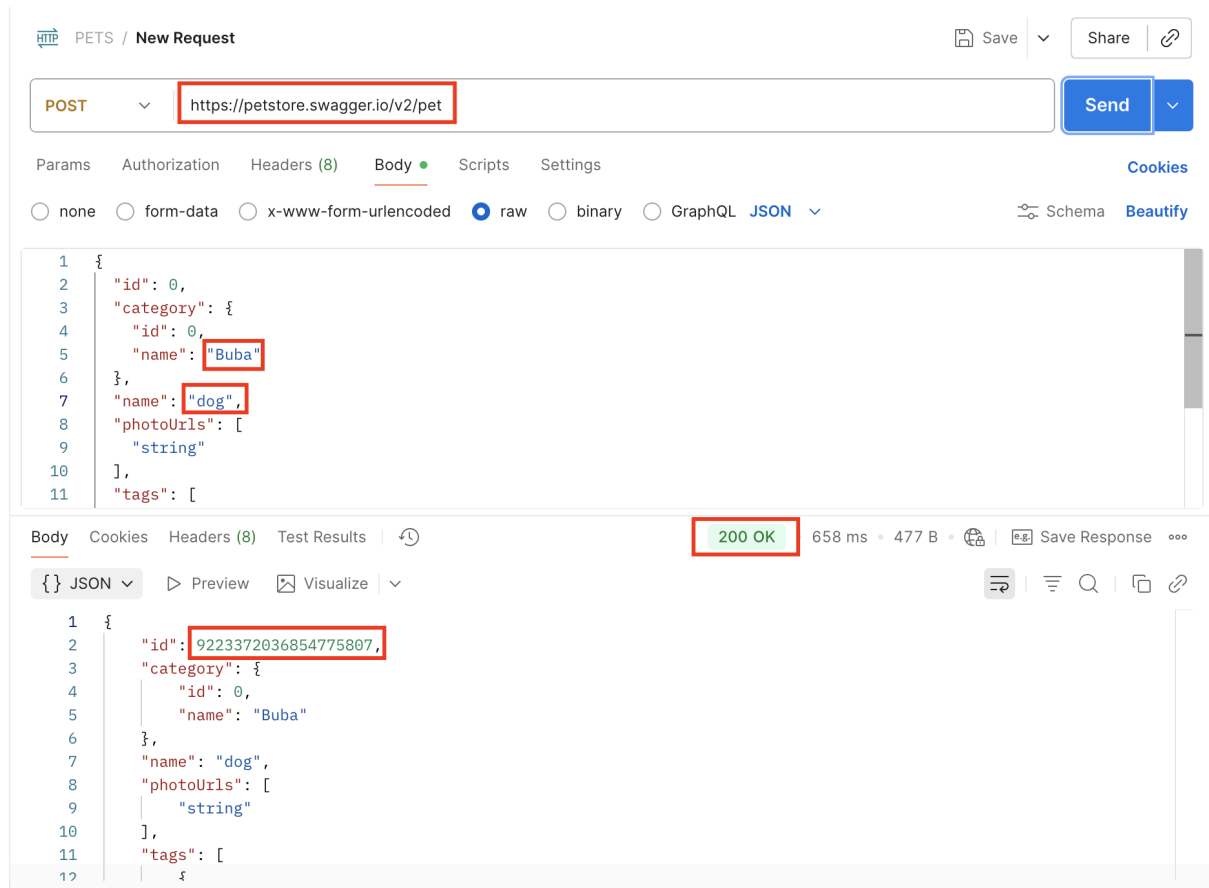


1.PETS

Petstore Swagger API Testing

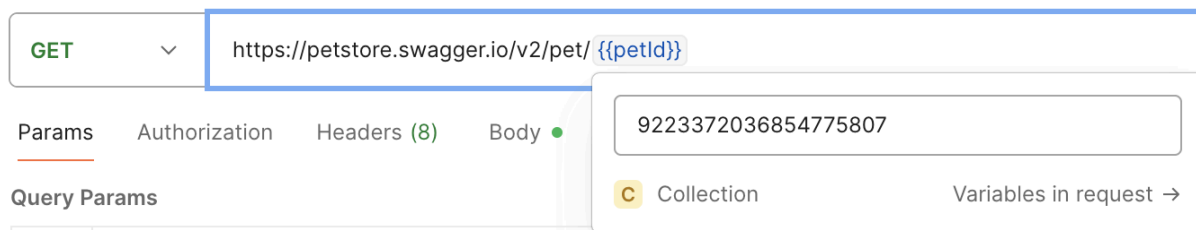
Tool: Postman

POST



GET

1)Get by ID (we have to save the ID into the parameter `{{petId}}` so that we can use this ID later)



GET https://petstore.swagger.io/v2/pet/{petId}

Send

Params Authorization Headers (8) Body Scripts Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (8) Test Results

200 OK

556 ms • 472 B



Save Response

{ } JSON Preview Visualize

```

1 {
2   "id": 9223372036854775807,
3   "category": {
4     "id": 0,
5     "name": "Buba"
6   },
7   "name": "dog",
8   "photoUrls": [
9     "string"
10  ],
11  "tags": [
12    {

```

PUT

PUT https://petstore.swagger.io/v2/pet/

Send

Params Authorization Headers (8) Body Scripts Settings

Cookies

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



Schema

Beautify

```

1 {
2   "id": {petId},
3   "category": {
4     "id": 0,
5     "name": "Luna"
6   },
7   "name": "dog",
8   "photoUrls": [
9     "string"

```

Body Cookies Headers (8) Test Results

200 OK

1.29 s • 477 B



Save Response

{ } JSON Preview Visualize

```

1 {
2   "id": 9223372036854775807,
3   "category": {
4     "id": 0,
5     "name": "Luna"
6   },
7   "name": "dog",
8   "photoUrls": [
9     "string"
10  ],
11  "tags": [
12    {
13      "id": 0,
14      "name": "string"

```

DELETE

HTTP PETS / Delete pet Save Share

DELETE ▼ https://petstore.swagger.io/v2/pet/ {{petid}} Send ▼

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (8) Test Results 200 OK 1.55 s • 387 B • Save Response ...

{} JSON ▼ Preview Visualize ▼

```
1 {
2   "code": 200,
3   "type": "unknown",
4   "message": "9223372036854775807"
5 }
```

To make sure that we have actually deleted the pet we can use “get”:

GET

HTTP PETS / check if the pet is deleted Save Share

GET ▼ https://petstore.swagger.io/v2/pet/ {{petid}} Send ▼

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (8) Test Results 404 Not Found 248 ms • 384 B • Save Response ...

{} JSON ▼ Preview Debug with AI ▼

```
1 {
2   "code": 1,
3   "type": "error",
4   "message": "Pet not found"
5 }
```

GET

Find pet by status using params:

HTTP PETS / find pet by Status Save Share

GET https://petstore.swagger.io/v2/pet/findByStatus?status=sold Send

Params • Authorization Headers (6) Body Scripts Settings Cookies

Query Params

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> status	sold			

Body Cookies Headers (8) Test Results 200 OK 1.46 s • 13.11 KB Save Response

{ } JSON Preview Visualize

```
1  [
2    {
3      "id": 8004,
4      "category": {
5        "id": 8,
6        "name": "Tasty Wooden Keyboard"
7      },
8      "name": "UpdatedPetName",
9      "photoUrls": [
10       "https://picsum.photos/seed/vRMQoTWIX/1477/1578",
11       "https://picsum.photos/seed/oV5aZFN/481/1377"
12     ],
13     "tags": [
14       {
15         "id": 2,
16         "name": "Unbranded Steel Soap"
17       }
18     ],
19     "status": "sold"
20   },
21 ]
```

Adding a pet one more time:

POST:

PETS / Add new pet Copy

POST

https://petstore.swagger.io/v2/pet

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Schema

Beautify

1

{

2

"id": 0,

3

"category": {

4

"id": 0,

5

"name": "Buba"

6

},

7

"name": "dog",

8

"photoUrls": [

9

"string"

10

]

11

"tags": [

12

{

13

"id": 0,

14

"name": "cat"

15

}

16

]

17

}

Body

Cookies

Headers (8)

Test Results

200 OK

850 ms

477 B

Save Response

{}

JSON

Preview

Visualize

1

{

2

"id": 9223372036854775807,

3

"category": {

4

"id": 0,

5

"name": "Buba"

6

},

7

"name": "dog",

8

"photoUrls": [

9

"string"

10

],

11

"tags": [

12

{

13

"id": 0,

14

"name": "cat"

15

}

16

]

17

}

POST:

Changing an existing pet using POST and params:

PETS / Update pet using POST

POST

https://petstore.swagger.io/v2/pet/{petId}?name=Nona&status=available

Send

Params

Authorization

Headers (7)

Body

Scripts

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/>	name	Nona		Type
<input checked="" type="checkbox"/>	status	available		
	Key	Value	Description	

Body

Cookies

Headers (8)

Test Results

200 OK

1.15 s

387 B

Save Response

{}

JSON

Preview

Visualize

1

{

2

"code": 200,

3

"type": "unknown",

4

"message": "9223372036854775807"

5

}

Check if data has updated:

GET

The screenshot shows a REST client interface for a GET request. The URL is `https://petstore.swagger.io/v2/pet/{petId}`. The response status is **200 OK**. The response body is JSON, showing a pet object with an ID of 9223372036854775807, category 'dog', and status 'available'. The 'name' field is highlighted as 'Nona'.

GET `https://petstore.swagger.io/v2/pet/{petId}` Send

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results 200 OK 781 ms • 477 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "id": 9223372036854775807,
3   "category": {
4     "id": 0,
5     "name": "Nona"
6   },
7   "name": "dog",
8   "photoUrls": [
9     "string"
10  ],
11  "tags": [
12    {
13      "id": 0,
14      "name": "string"
15    }
16  ],
17  "status": "available"
18 }
```

2.USERS

POST

Create a new user:

The screenshot shows a REST client interface for a POST request. The URL is `https://petstore.swagger.io/v2/user`. The response status is **200 OK**. The response body is JSON, showing a user object with ID 8899, username '0lha', and status 0. The response also includes a code of 200, type 'unknown', and a message '8899'.

POST `https://petstore.swagger.io/v2/user` Send

Params Authorization Headers (8) Body Scripts Settings Cookies

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

```
1 {
2   "id": 8899,
3   "username": "0lha",
4   "firstName": "0lha",
5   "lastName": "0lha",
6   "email": "0lha",
7   "password": "0lha",
8   "phone": "0lha",
9   "userStatus": 0
10 }
11
```

Body Cookies Headers (8) Test Results 200 OK 1.05 s • 372 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "code": 200,
3   "type": "unknown",
4   "message": "8899"
5 }
```

Adding new variables:

Variable	Value	Q	...
<div><div>▼</div><div>{{petId}}</div><div></div></div>	9223372036854775807	Share	
<div><div></div><div>{{userId}}</div><div></div></div>	8899		
<div><div></div><div>username</div><div></div></div>	Olha		
Add variable			

GET:

Try to log in using variables and params:

🔗 USERS / log in

Save Share

GET

https://petstore.swagger.io/v2/user/login?username= {{username}} &password= {{username}}

Send

Params

Authorization Headers (6) Body Scripts Settings

Cookies

Query Params

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> username	{{username}}			
<input checked="" type="checkbox"/> password	{{username}}			
Key	Value	Description		

Body Cookies Headers (10) Test Results

200 OK 901 ms • 471 B Save Response

{}

JSON

Preview Visualize

1 {

2 "code": 200,

3 "type": "unknown",

4 "message": "logged in user session:1762797736799"

5 }

GET:

Try to log out using variables and params:

HTTP USERS / **logout** Save Share

GET https://petstore.swagger.io/v2/user/logout Send

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (8) Test Results 200 OK 767 ms • 370 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "code": 200,
3   "type": "unknown",
4   "message": "ok"
5 }
```

DELETE:

HTTP USERS / **Delete user** Save Share

DELETE https://petstore.swagger.io/v2/user/{{username}} Send

Params Authorization Headers (8) Body • Scripts Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		


Body Cookies Headers (8) Test Results 200 OK 257 ms • 372 B Save Response


{ } JSON Preview Visualize



```
1 {
2   "code": 200,
3   "type": "unknown",
4   "message": "01ha"
5 }
```


Run a Postman collection using the Runner to test multiple API requests and check responses:

USERS - Run results


 Run Again

 New Run

 Automate Run 

Share

...

 Ran today at 08:36:55 PM · [View all runs](#)

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	petstore	1	2s 828ms	0	362 ms

All Tests

Passed (0)

Failed (0)

Skipped (0)

[View Summary](#)

Iteration 1

1

POST Add a new user

https://petstore.swagger.io/v2/user

200 · 865 ms · 372 B ·

No tests found

GET login

https://petstore.swagger.io/v2/user/login?username=Olha&password=Olha

200 · 171 ms · 471 B ·

No tests found

GET logout

https://petstore.swagger.io/v2/user/logout

200 · 175 ms · 370 B ·

No tests found

DELETE Delete user

https://petstore.swagger.io/v2/user/Olha

200 · 236 ms · 372 B ·

No tests found

3.TESTS - Status code+response time + negative test.

1)"Status code is 200"

2)"Response time is less than 200ms"

The screenshot shows the Postman interface for a POST request to `https://petstore.swagger.io/v2/user`. The 'Scripts' tab is active, displaying a pre-request script and a post-response script. The post-response script contains two tests: 'Status code is 200' and 'Response time is less than 200ms'. The 'Test Results' tab shows that the first test passed, but the second test failed with the message 'AssertionError: expected 1415 to be below 200'. The response status is '200 OK'.

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 200ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(200);
6 });
```

Test Results (1/2):

- PASSED Status code is 200
- FAILED Response time is less than 200ms | AssertionError: expected 1415 to be below 200

3)"Response time is less than 1000ms"

The screenshot shows the Postman interface for the same POST request. The 'Scripts' tab is active, displaying the same pre-request script and a modified post-response script. The post-response script contains two tests: 'Status code is 200' and 'Response time is less than 1000ms'. The 'Test Results' tab shows that both tests passed. The response status is '200 OK'.

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 1000ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(1000);
6 });
```

Test Results (2/2):

- PASSED Status code is 200
- PASSED Response time is less than 1000ms

4)Negative test:

The screenshot shows a REST client interface with the following details:

- URL:** `https://petstore.swagger.io/v2/user`
- Method:** `POST`
- Scripts Tab:** Contains two test scripts:

```
1 pm.test("Status code is 200", function () {  
2   pm.response.to.have.status(404);  
3 });  
4 pm.test("Response time is less than 1000ms", function () {  
5   pm.expect(pm.response.responseTime).to.be.below(200);  
6 });
```

A red arrow points to the `404` status code in the first script.
- Test Results:**
 - FAILED** Status code is 200 | AssertionError: expected response to have status code 404 but got 200
 - PASSED** Response time is less than 1000ms