

ScreenShot:

Postman:

Postman interface showing a GET request to `https://reqres.in/api/users?page=2`. The response is a JSON object with the following structure:

```
1 {
2   "page": 2,
3   "per_page": 6,
4   "total": 12,
5   "total_pages": 2,
6   "data": [
7     {
8       "id": 7,
9       "email": "michael.lawson@reqres.in",
10      "first_name": "Michael",
11    }
12  ]
13 }
```

Status: 200 OK, Time: 327 ms, Size: 1.73 KB

Postman interface showing a POST request to `https://reqres.in/api/users`. The request body is a JSON object with the following structure:

```
1 {
2   "name": "morpheus",
3   "job": "leader"
4 }
```

The response is a JSON object with the following structure:

```
1 {
2   "name": "morpheus",
3   "job": "leader",
4   "id": "890",
5   "createdAt": "2023-08-22T07:11:18.253Z"
6 }
```

Status: 201 Created, Time: 437 ms, Size: 746 B

Home Workspaces API Network Explore Search Postman

simpillearn_aug10 New Import GET All user POST Create User PUT Update User No Environment

Collections

- GoRest
- New Collection
- OpenWeatherMap
- Project
- ReqRes
 - GET All user
 - POST Create User
 - PUT Update User
 - DEL Delete User
- Rest Countries

Environments

Monitors

History

ReqRes / Update User

PUT https://reqres.in/api/users/2 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   "name": "Morpheus",
3   "job": "Doctor"
4 }
```

Body Cookies Headers (15) Test Results (5/5) Status: 200 OK Time: 436 ms Size: 781 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "Morpheus",
3   "job": "Doctor",
4   "updatedAt": "2023-08-22T07:11:31.196Z"
5 }
```

Online Find and replace Console Runner Capture requests Cookies Trash

Home Workspaces API Network Explore Search Postman

simpillearn_aug10 New Import GET All user POST Create User PUT Update User DEL Delete User No Environment

Collections

- GoRest
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 - GET All user
 - POST Create User
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ReqRes / Delete User

DELETE https://reqres.in/api/users/2 Send

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

```
1 pm.test("Status code is 204", function () {
2   pm.response.to.have.status(204);
3 });
```

Script with Postbot BETA Write scripts easily with AI

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

Body Cookies Headers (12) Test Results (1/1) Status: 204 No Content Time: 498 ms Size: 620 B Save as Example

All Passed Skipped Failed

PASS Status code is 204

Online Find and replace Console Runner Capture requests Cookies Trash

Postman interface showing the 'ReqRes' collection and its 'Run results'.

ReqRes - Run results

Ran today at 12:42:09 · [View all runs](#)

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	none	1	2s 374ms	16	337 ms

All Tests Passed (16) Failed (0) Skipped (0) [View Summary](#)

Iteration 1

GET All user
https://reqres.in/api/users?page=2
200 OK 91 ms 1.784 KB

- PASS Response status code is 200
- PASS Validate the 'page' field is a non-negative integer
- PASS Validate the 'per_page' field is a non-negative integer
- PASS Validate the 'total' field is a non-negative integer
- PASS Verify that the 'data' array is present and contains at least one element

POST Create User
https://reqres.in/api/users
201 Created 426 ms 750 B

- PASS Response status code is 201
- PASS Response has required fields
- PASS Name is a non-empty string
- PASS Job is a non-empty string
- PASS Check that id is a non-empty string

```
C:\Windows\system32\cmd.exe
C:\Users\Rajib>newman run https://api.postman.com/collections/29056131-d9452b42-4c4b-4fa8-98fc-53204f1b743d?access_key=PMAT-01H8DYT2CKPKB7EHFYSQHJ7A07
newman
ReqRes
→ All user
  GET https://reqres.in/api/users?page=2 [200 OK, 1.79kB, 283ms]
→ Create User
  POST https://reqres.in/api/users [201 Created, 758B, 342ms]
→ Update User
  PUT https://reqres.in/api/users/2 [200 OK, 811B, 336ms]
→ Delete User
  DELETE https://reqres.in/api/users/2 [204 No Content, 634B, 321ms]



|                      | executed | failed |
|----------------------|----------|--------|
| iterations           | 1        | 0      |
| requests             | 4        | 0      |
| test-scripts         | 0        | 0      |
| prerequisite-scripts | 0        | 0      |
| assertions           | 0        | 0      |


total run duration: 1645ms
total data received: 1.19kB (approx)
average response time: 320ms [min: 283ms, max: 342ms, s.d.: 22ms]

C:\Users\Rajib>
```

Rest Assured:

eclipse-workspace - RestAssuredDemo/src/test/java/API/RestAssuredDemo/reqres.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

mavendemo

ProblemStatement

redbus

RestAssuredDemo

- src/main/java
- src/test/java
 - API.RestAssuredDemo
 - APIKeyDemo.java
 - BearerTokenDemo.java
 - Create_update_delete_Reso
 - DeleteDemo.java
 - getDemo.java
 - GETdemoBearerToken.java
 - PostDemo.java
 - PutDemo.java
 - PUTdemoBearerToken.java
 - reqres.java
 - SoapDemo.java
 - TestBase.java
 - UIDDemo.java
 - VerifyCurrencyName.java

- JRE System Library [JavaSE-1.7]
- Maven Dependencies
- src
- target
- capitals.xml
- log4j.properties
- pom.xml
- saucedemo
- SeleniumBasics
- > Simplilearn [test main]
- simplilearnMaven
- swiggy

reqres.java

log4j.properties

TestBase.java

1 package API.RestAssuredDemo;

Console

Results of running class reqres

<terminated> reqres [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (22-Aug-2023, 11:34:21 am - 11:34:35 am) [pid: 8408]

[RemoteTestNG] detected TestNG version 7.0.1

log4j:ERROR Could not find value for key log4j.appender.dest1

log4j:ERROR Could not instantiate appender named "dest1".

INFO 2023-08-22 11:34:33,339 0 LogDemo [main] Resource verified Successfully

INFO 2023-08-22 11:34:34,271 932 LogDemo [main] Resource created

INFO 2023-08-22 11:34:34,955 1616 LogDemo [main] Resource updated

INFO 2023-08-22 11:34:35,629 2290 LogDemo [main] Resource Deleted Successfully

PASSED: GETreq

PASSED: createResource

PASSED: updateResource

PASSED: deleteResource

=====

Default test

Tests run: 4, Failures: 0, Skips: 0

=====

=====

Default suite

Total tests run: 4, Passes: 4, Failures: 0, Skips: 0

=====

Writable

Smart Insert

80 : 30 : 1714

...

Jmeter:

getDemo.jmx (D:\Jmeter\getDemo.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

00:00:01 0 0/1

Test Plan

- Thread Group
 - GET Request
 - View Results Tree
 - POST Request
 - PUT Request
 - DELETE Request

HTTP Request

Name: GET Request

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

GET Path: /api/users?page=2 Content encoding:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?
-------	-------	-------------	--------------	-----------------

Detail Add Add from Clipboard Delete Up Down

getDemo.jmx (D:\Jmeter\getDemo.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

00:00:01 0 0/1

Test Plan

- Thread Group
 - GET Request
 - View Results Tree
 - POST Request
 - PUT Request
 - DELETE Request

HTTP Request

Name: POST Request

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

POST Path: /api/users Content encoding:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

```
1 {
2   "name": "morpheus",
3   "job": "leader"
4 }
```

getDemo.jmx (D:\Jmeter\getDemo.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Test Plan

- Thread Group
 - GET Request
 - View Results Tree
 - POST Request
 - PUT Request
 - DELETE Request

HTTP Request

Name: PUT Request

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

PUT Path: /api/users/2 Content encoding:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

```
1 {
2   "name": "morpheus",
3   "job": "zion resident"
4 }
```

getDemo.jmx (D:\Jmeter\getDemo.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Test Plan

- Thread Group
 - GET Request
 - View Results Tree
 - POST Request
 - PUT Request
 - DELETE Request

HTTP Request

Name: DELETE Request

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

DELETE Path: /api/users/2 Content encoding:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?
-------	-------	-------------	--------------	-----------------

Detail Add Add from Clipboard Delete Up Down

getDemo.jmx (D:\Jmeter\getDemo.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Test Plan

- Thread Group
 - GET Request
 - View Results Tree
 - POST Request
 - PUT Request
 - DELETE Request

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes

Search: ☐ Case sensitive ☐ Regular exp.

Text

- ✓ GET Request
- ✓ POST Request
- ✓ PUT Request
- ✓ DELETE Request

Sampler result

☐ Scroll automatically?

Raw

Email - Rajib Maity - Outlook x Mphasis | Phase-3: Test x Live Classes x Reques - A hosted REST-API x Execution x

a.blazemeter.com/app/#/accounts/1702210/workspaces/1763617/projects/2041942/masters/69295240/summary

YouTube Karan PC - downloa... Unified Access Email - Rajib Maity... Yammer - Feed Get Into PC - Down... Cric7.net | Live Cric... TechBench by WZT... Learning on Simplil...

BlazeMeter Functional Performance Mock Services API Monitoring Search Rajib Maity

Home Default workspace Projects Tests Reports Test Data Create Test Active Runs 1

Default project / reqres_jmeter

reqres_jmeter

Scenario reqres_jmeter Location Central India (Pune, Azure) Filter By Transactions Select Transactions Show results in: Milliseconds Seconds

Summary Timeline Report Request Stats Engine Health Errors Logs Original Test Configuration

20 VU Max Users 88.34 Hits/s Avg. Throughput 0.01 % Errors 217.47 ms Avg. Response Time 284 ms 90% Response Time 81.39 KiB/s Avg. Bandwidth

Duration 12 minutes Test Type JMeter

Started Aug 22, 2023, 9:41:08 AM Response Codes 2xx 5xx

ETA in 9 minutes Locations Central India (Pune, Azure)

Tags Define Tags...

Report Notes: Enter report notes... Save Note

Load Response Time

