

File Edit Selection View Go Run Terminal Help

learningpactumjs

EXPLORER

OPEN EDITORS

JS getPosts.test.js testsPactum01\jso...

LEARNINGPACTUMJS

node_modules

reports

testsPactum01

componentTesting

jsonplaceholdertests

JS getPosts.test.js

JS postAndFetch.test.js

JS PostsAPICrud.test.js

localjsonservertests

management

mockservertests

.gitignore

db1.json

package-lock.json

package.json

JS getPosts.test.js X

testsPactum01 > jsonplaceholdertests > JS getPosts.test.js > it("get posts from the link") callback

```
1 const {spec} = require("pactum")
2
3 it("get posts from the link",async ()=>{
4   await spec()
5   .get('https://jsonplaceholder.typicode.com/posts')
6   .expectStatus(200)
7   .expectJsonLike([[{id:1}]]
8 })
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ~

PS D:\app-files\vscode\learningpactumjs>

PS D:\app-files\vscode\learningpactumjs>

main 0 0 0

Jameel Asfer (1 month ago) Ln 5, Col 53 (42 selected) Spaces: 4 UTF-8 CRLF JavaScript Mobile Share Go Live

12:31 28-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

Invite

Upgrade

My Workspace

NewImport

GET Get the posts

Search collections

PactumJS learnings

jsonplaceholder tests

GET Get the posts

SimpleBooksAPI

GET

{{[phBaseUrl]}/posts}

Send

PactumJS learnings / jsonplaceholder tests / Get the posts

SaveShare

DocsParamsAuthHeaders (7)BodyScriptsSettings

Pre-req

Post-res

1

2

3

4

5

pm.test('testing the GET posts operation', ()=>{

pm.expect(pm.response.code).to.eql(200)

const res = pm.response.json()

console.log(res.length)

}

Cookies

Body

200 OK95 ms8.02 KB

JSON

1

2

3

4

5

6

7

8

9

10

11

12

[

{

"userId": 1,

"id": 1,

"title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",

"body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"

}

,

{

"userId": 1,

"id": 2,

"title": "qui est esse",

"body": "est rerum tempore vitae\nsequi sint nihil reprehenderit dolor beatae ea dolores neque\nfugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis\nqui aperiam non debitis possimus qui neque nisi nulla"

}

]

Cloud ViewFind and replaceConsoleTerminal

GET https://jsonplaceholder.typicode.com/posts

100

20095 ms

HomeWorkspacesAPI Network

Search PostmanCtrl K

InviteSettingsNotificationsUpgrade

My Workspace

NewImport

Search collections

PactumJS learnings

- jsonplaceholder tests
 - Get the posts
 - Get a single post
- SimpleBooksAPI

EnvironmentsHistoryFlowsFilesBETA

GETGet the postsGETGet a single post

PactumJS learnings / jsonplaceholder tests / Get a single post

SaveShare

GET{{[phBaseUrl]}/posts/:id}Send

DocsParamsAuthHeaders (7)BodyScriptsSettingsCookies

Query Params

	Key	Value	Description		Bulk Edit
	Key	Value	Description		

Path Variables

	Key	Value	Description		Bulk Edit
	id	1	Description		

Body200 OK281 ms1.31 KBJSON

```
1 {
2   "userId": 1,
3   "id": 1,
4   "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",
5   "body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"
6 }
```

Cloud ViewFind and replaceConsoleTerminal

GET https://jsonplaceholder.typicode.com/posts/:id4041387 ms

GET https://jsonplaceholder.typicode.com/posts/1200281 ms

PostbotRunnerStart ProxyCookiesVaultTrash

12:3828-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

Invite

Upgrade

My Workspace

NewImport

GET Get the posts

GET Get a single post

GET Get the posts of users

Search collections

PactumJS learnings

jsonplaceholder tests

Get the posts

Get a single post

Get the posts of users

SimpleBooksAPI

GET

{{iphBaseUrl}}/posts/?userId=1

Send

Docs

Params

Auth

Headers (7)

Body

Scripts

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/>	userId	1		
	Key	Value	Description	

Body

200 OK

614 ms

2.1 KB

JSON

Preview

Visualize

```
1 [
2   {
3     "userId": 1,
4     "id": 1,
5     "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",
6     "body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"
7   },
8   {
9     "userId": 1,
10    "id": 2,
11    "title": "qui est esse",
12    "body": "est rerum tempore vitae\nsequi sint nihil reprehenderit dolor beatae ea dolores neque\nfugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis\nqui aperiam non debitis possimus qui neque nisi nulla"
13  },
14  ]
```

Cloud View

Find and replace

Console

Terminal

All Logs

Clear

GET https://jsonplaceholder.typicode.com/posts/?userId=1

200 | 614 ms

File Edit Selection View Go Run Terminal Help

learningpactumjs

EXPLORER

OPEN EDITORS

JS postAndFetch.test.js testsPactum0...

LEARNINGPACTUMJS

node_modules

reports

testsPactum01

componentTesting

jsonplaceholdertests

JS getPosts.test.js

JS postAndFetch.test.js

JS PostsAPICrud.test.js

localjsonservertests

management

mockservertests

.gitignore

db1.json

package-lock.json

package.json

JS postAndFetch.test.js

testsPactum01 > jsonplaceholdertests > JS postAndFetch.test.js > describe('Posts API') callback > it('should create a post and then fetch it') callback > createResponse

```
1  const { spec } = require('pactum');
2  describe('Posts API', () => {
3    it('should create a post and then fetch it', async () => {
4      // Create a new post (POST)
5      const createResponse = await spec()
6        .post('https://jsonplaceholder.typicode.com/posts')
7        .withJson({
8          title: 'API Testing with Pactum',
9          body: 'This is a sample post',
10         userId: 1
11        })
12        .expectStatus(201)
13        .expectJsonLike({
14          id: 101,
15          title: 'API Testing with Pactum',
16          body: 'This is a sample post',
17          userId: 1
18        });
19      // Fetch the created post (GET)
20      await spec()
21        .get('https://jsonplaceholder.typicode.com/posts/101')
22        .expectStatus(200)
23        .expectJsonLike({
24          id: 101,
25          title: 'API Testing with Pactum',
26          body: 'This is a sample post',
27          userId: 1
28        });
29    });
30  });
31
```

main

Jameel Asfer (1 month ago) Ln 13, Col 9 Spaces: 4 UTF-8 CRLF JavaScript Mobile Share Go Live

12:43 28-01-2026

Home Workspaces API Network Search Postman Ctrl K Invite Upgrade No environment

My Workspace New Import GET Get the posts GET Get a single post GET Get the posts of users jsonplaceholder tests POST Post a new post Save Share

Search collections

PactumJS learnings

jsonplaceholder tests

GET Get the posts

GET Get a single post

GET Get the posts of users

POST Post a new post

SimpleBooksAPI

Files BETA

POST `{{jphBaseUrl}}/posts` Send

Docs Params Auth Headers (9) Body Scripts Settings Cookies

Pre-req

Post-res

```
1 pm.test('testing the POST a post operation', ()=>{
2   pm.expect(pm.response.code).to.eql(201)
3   const requestData = pm.request.body.raw;
4   const reqJson = JSON.parse(requestData)
5   const resJson = pm.response.json()
6
7   pm.expect(resJson.title).to.eql(reqJson.title);
8   pm.expect(resJson.body).to.eql(reqJson.body);
9   pm.expect(resJson.userId).to.eql(reqJson.userId);
10
11   console.log("Generated id : ", resJson.id)
12 }
13 }
```

Body JSON

```
1 {
2   "userId": 1,
3   "title": "API Testing with Pactum",
4   "body": "This is a sample post",
5   "id": 181
6 }
```

201

Cloud View Find and replace Console Terminal All Logs Clear

POST https://jsonplaceholder.typicode.com/posts 201 | 2.77 s

"Generated id : " 181

Postman interface showing a REST client setup for a POST request.

My Workspace

- Search collections
- PactumJS learnings
 - jsonplaceholder tests
 - GET Get the posts
 - GET Get a single post
 - GET Get the posts of users
 - POST Post a new post**
 - SimpleBooksAPI

API Network

Search Postman Ctrl K

Invite Upgrade

GET Get the posts GET Get a single post GET Get the posts of users jsonplaceholder tests **POST Post a new post** + No environment

PactumJS learnings / jsonplaceholder tests / **Post a new post** Save Share

POST {{iphBaseUrl}} /posts Send

Docs Params Auth Headers (9) **Body** Scripts Settings Cookies

raw JSON Schema Beautify

1 {
2 "userId":1,
3 "title": "API Testing with Pactum",
4 "body": "This is a sample post"
5 }

Body JSON 201

1 {
2 "userId": 1,
3 "title": "API Testing with Pactum",
4 "body": "This is a sample post",
5 "id": 101
6 }

Cloud View Find and replace Console Terminal

POST https://jsonplaceholder.typicode.com/posts 201 | 2.77 s

"Generated id : " 101

VS Code interface showing a JavaScript test file named `PostsAPICrud.test.js` in the `testsPactum01` directory. The Explorer sidebar on the left shows the project structure, including `node_modules`, `reports`, `testsPactum01`, `componentTesting`, `jsonplaceholdertests`, `getPost.test.js`, `postAndFetch.test.js`, `PostsAPICrud.test.js` (selected), `localjsonservertests`, `management`, `mockservertests`, `.gitignore`, `db1.json`, `package-lock.json`, and `package.json`.

The main editor displays the following JavaScript code:

```
4 describe("Posts API CRUD ops", () => {
27
28   it("PUT ops", async () => {
29     const response = await spec()
30     .put(`https://jsonplaceholder.typicode.com/posts/1`)
31     .withJson({
32       id: 1,
33       title: 'Updated Title',
34       body: 'Updated Body',
35       userId: 1
36     })
37     .expectStatus(200)
38     .expectJsonLike({
39       title: 'updated title'
40     })
41   })
42
43   it("DELETE ops", async () => {
44     await spec()
45     .delete('https://jsonplaceholder.typicode.com/posts/1')
46     .expectStatus(200)
47   })
48 })
49
```

The status bar at the bottom indicates the file is on the `main` branch, with 0 changes. It also shows the editor is at line 45, column 12, using 4 spaces, UTF-8 encoding, and CRLF line endings. The language is set to JavaScript. The system tray at the bottom right shows the date and time as 12:57 on 28-01-2026.

HomeWorkspacesAPI Network

Search PostmanCtrl K

Invite

Upgrade

My Workspace

NewImport

GET Get the postsGET Get a single postGET Get the posts of usjsonplaceholder tePOST Post a new postPUT Edit a post

No environment

Search collections

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jsonplaceholder tests

GET Get the posts

GET Get a single post

GET Get the posts of users

POST Post a new post

PUT Edit a post

SimpleBooksAPI

Files

BETA

PUT

{{jphBaseUrl}} /posts/ :id

Send

DocsParamsAuthHeaders (9)BodyScriptsSettings

Cache-Controlno-cache

Postman-Tok...<calculated whe...

Content-Typetext/plain

This header was automatically added

The Content-Type header is added to help the server identify the media type of the request body that is present in this request.

Use the request body tab to control the value or to remove this header.

Body

200

JSON

1 {

2 "id": 1

3 }

Cloud ViewFind and replaceConsoleTerminal

Response Body

JSON

1 {

2 "id": 1

3 }

PostbotRunnerStart ProxyCookiesVaultTrash

13:0128-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

InviteSettingsNotificationsUpgrade

My WorkspaceNewImport

Collections

Environments

History

Flows

Files

BETA

Search collections

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jsonplaceholder tests

GET Get the posts

GET Get a single post

GET Get the posts of users

POST Post a new post

PUT Edit a post

SimpleBooksAPI

GET Get the posts

GET Get a single post

GET Get the posts of users

jsonplaceholder tests

POST Post a new post

PUT Edit a post

No environment

PactumJS learnings / jsonplaceholder tests / Edit a post

SaveShare

PUT{{[phBaseUrl]}/posts/1}

Send

DocsParamsAuthHeaders (9)BodyScriptsSettings

rawText

```
1 {
2   "id": 1,
3   "title": "Updated Title",
4   "body": "Updated Body",
5   "userId": 1
6 }
7
```

Cookies

Body200

```
{
  "id": 1
}
```

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

Response Body

JSON

```
1 {
2   "id": 1
3 }
```

PostbotRunnerStart ProxyCookiesVaultTrash

13:0228-01-2026

Postman interface showing a PUT request to `{{phBaseUrl}}/posts/1` with a JSON body:

```
{
  "id": 1,
  "title": "Updated Title",
  "body": "Updated Body",
  "userId": 1
}
```

The response status is 200. The response body is also shown in JSON format:

```
{
  "id": 1,
  "title": "Updated Title",
  "body": "Updated Body",
  "userId": 1
}
```

At the bottom, the Console tab is active, displaying the message:

No logs yet

Send a request to view its details in the console.

HomeWorkspacesAPI Network

Search PostmanCtrl K

InviteSettingsNotificationsUpgrade

My Workspace

NewImport

GET Get the postsGET Get a single postGET Get the posts of usersPOST Post a new postPUT Edit a post

No environment

Collections

Search collections

PactumJS learnings

jsonplaceholder tests

GET Get the postsGET Get a single postGET Get the posts of usersPOST Post a new postPUT Edit a post

SimpleBooksAPI

FilesBETA

PUT

{{ipchBaseUrl}}/posts/1

Send

DocsParamsAuthHeaders (9)BodyScriptsSettingsCookies

Test Results

200 OK344 ms1.17 KB

Filter Results

PASSEDtesting the PUT posts operation

Pre-req

Post-res

```
1 pm.test('testing the PUT posts operation', ()=>{
2   pm.expect(pm.response.code).to.eql(200)
3   const requestData = pm.request.body.raw;
4   const reqJson = JSON.parse(requestData)
5   const resJson = pm.response.json()
6
7   pm.expect(resJson.title).to.eql(reqJson.title);
8   pm.expect(resJson.body).to.eql(reqJson.body);
9   pm.expect(resJson.userId).to.eql(reqJson.userId);
10 })
```

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

Request Body

JSON

```
1 {
2   "id": 1,
3   "title": "Updated Title",
4   "body": "Updated Body",
5   "userId": 1
6 }
```

PostbotRunnerStart ProxyCookiesVaultTrash

13:0928-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

InviteSettingsNotificationsUpgrade

My Workspace

NewImport

GET Get the postsGET Get a single postGET Get the posts of usersPOST Post a new postPUT Edit a post

No environment

Search collections

PactumJS learnings

jsonplaceholder tests

GET Get the postsGET Get a single postGET Get the posts of usersPOST Post a new postPUT Edit a post

SimpleBooksAPI

PUT

{{ipchBaseUrl}}/posts/1

Send

DocsParamsAuthHeaders (9)BodyScriptsSettingsCookies

Test Results

200 OK344 ms1.17 KB

PASSEDtesting the PUT posts operation

Pre-req

Post-res

```
1 pm.test('testing the PUT posts operation', ()=>{
2   pm.expect(pm.response.code).to.eql(200)
3   const requestData = pm.request.body.raw;
4   const reqJson = JSON.parse(requestData)
5   const resJson = pm.response.json()
6
7   pm.expect(resJson.title).to.eql(reqJson.title);
8   pm.expect(resJson.body).to.eql(reqJson.body);
9   pm.expect(resJson.userId).to.eql(reqJson.userId);
10 })
```

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

Response Body

JSON

```
1 {
2   "id": 1,
3   "title": "Updated Title",
4   "body": "Updated Body",
5   "userId": 1
6 }
```

PostbotRunnerStart ProxyCookiesVaultTrash

13:0928-01-2026

Postman interface showing a DELETE request configuration and execution results.

My Workspace | New | Import | GET Get the posts | GET Get a single pc | GET Get the posts < | POST Post a new pi | PUT Edit a post | jsonplaceholder | DEL Delete a pos' | No environment

Search collections

- PactumJS learnings
 - jsonplaceholder tests
 - GET Get the posts
 - GET Get a single post
 - GET Get the posts of users
 - POST Post a new post
 - PUT Edit a post
 - GET Delete a post**
 - SimpleBooksAPI

DELETE | `{{jphBaseUrl}}/posts/1` | **Send**

Scripts

```
1 pm.test('testing the GET posts operation', ()=>{
2   |   pm.expect(pm.response.code).to.eql(200)
3   | })
```

Body | **JSON** | `{}`

200 OK | 1.35 s | 1.11 KB

Console

```
DELETE https://jsonplaceholder.typicode.com/posts/1
```

200 | 1349 ms