

File Edit Selection View Go Run Terminal Help

learningpactumjs

EXPLORER

OPEN EDITORS

JS lhCRUD.test.js testsPactum01\loca...

LEARNINGPACTUMJS

node_modules

reports

testsPactum01

componentTesting

jsonplaceholdertests

localjsonservertests

JS lhCRUD.test.js

JS lhDataMatching.test.js

JS lhDataMatching2.test.js

JS lhE2E.test.js

JS lhInteg.test.js

management

mockservertests

.gitignore

db1.json

package-lock.json

package.json

testsPactum01 > localjsonservertests > JS lhCRUD.test.js > describe('Local Posts API') callback > it('POST: create a post') callback > res

```
1  const { spec, request } = require('pactum');
2  request.setBaseUrl('http://localhost:3000');
3
4  describe('Local Posts API', () => {
5    let postId;
6
7    it('POST: create a post', async () => {
8      const res = await spec()
9        .post('/posts')
10         .withJson({
11           title: 'API Testing with Pactum',
12           body: 'This is a sample post',
13           userId: 1
14         })
15         .expectStatus(201);
16
17     postId = res.json.id;
18   });
19
20   it('GET: fetch the post', async () => {
21     await spec()
22       .get(`/posts/${postId}`)
23       .expectStatus(200)
24       .expectJsonLike({
25         title: 'API Testing with Pactum',
26         body: 'This is a sample post'
27       });
28   });
29 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powerShell + - - - - -

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

main 0 0 0

Jameel Asfer (1 month ago) Ln 8, Col 29 Spaces: 2 UTF-8 CRLF JavaScript Mobile Share Go Live

13:41 28-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

Invite

Upgrade

My Workspace

NewImport

localjsonserver tests

POST Post a new post

GET Get posts

Search collections

PactumJS learnings

jsonplaceholder tests

localjsonserver tests

POST Post a new post

GET Get posts

SimpleBooksAPI

PactumJS learnings / localjsonserver tests / Get posts

SaveShare

GET{{jsBaseUrl}} /posts

Send

DocsParamsAuthHeaders (7)BodyScriptsSettingsCookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

BodyJSON

200 OK5 ms540 B

```
[{"id": "1", "title": "Hello World", "body": "My first post", "author": "Jameel"}, {"id": "2", "title": "Hello India", "body": "My first post", "author": "Frances Jones"}]
```

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

GET http://localhost:3000/posts2008 ms

POST http://localhost:3000/posts20122 ms

GET http://localhost:3000/posts2005 ms

PostbotRunnerStart ProxyCookiesVaultTrash

13:4128-01-2026

HomeWorkspacesAPI Network

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My Workspace

NewImport

localjsonserver tests

POST Post a new post

GET Get posts

Search collections

PactumJS learnings

jsonplaceholder tests

localjsonserver tests

POST Post a new post

GET Get posts

SimpleBooksAPI

PactumJS learnings / localjsonserver tests / Post a new post

SaveShare

POST{{baseUrl}} /posts

Send

DocsParamsAuthHeaders (9)BodyScriptsSettingsCookies

rawJSONSchemaBeautify

```
1 {
2   "id": "3",
3   "title": "Hello Chennai",
4   "body": "My first post",
5   "author": "{{randomFullName}}"
6 }
```

Body201 Created75 ms428 B

```
1 {
2   "id": "3",
3   "title": "Hello Chennai",
4   "body": "My first post",
5   "author": "Emma Marquardt"
6 }
```

Cloud ViewFind and replaceConsoleTerminal

PostbotRunnerStart ProxyCookiesVaultTrash

19:2728-01-2026

File Edit Selection View Go Run Terminal Help

pm_x_pcjs

EXPLORER

OPEN EDITORS

PM_X_PCJS

Welcome

postmanDB.json lo... U

CoffeeHouseAPI

local-api

postmanDB.json U

node_modules

SimpleBooksAPI

.gitignore

package-lock.json

package.json

Welcome

postmanDB.json U X

local-api > {} postmanDB.json > [] posts > {} 1

1 {

2 "posts": [

3 {

4 "id": "1",

5 "title": "Hello World",

6 "body": "My first post",

7 "author": "Jameel"

8 },

9 {

10 "id": "2",

11 "title": "Hello India",

12 "body": "My first post",

13 "author": "Frances Jones"

14 },

15 {

16 "id": "3",

17 "title": "Hello Chennai",

18 "body": "My first post",

19 "author": "Emma Marquardt"

20 }

21]

22 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

node - local-api

PS D:\app-files\vscode\pm_x_pcjs\local-api> json-server --watch postmanDB.json --port 3000

Static files:
Serving ./public directory if it exists

Endpoints:
http://localhost:3000/posts

main*

Ln 9, Col 6 Spaces: 2 UTF-8 LF {} JSON Mobile Share Go Live

19:27 28-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

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My Workspace

NewImport

localjsonserver tests

POST Post a new post

GET Get posts

PUT Update post

GET Get a post

No environment

Search collections

PactumJS learnings

jsonplaceholder tests

localjsonserver tests

POST Post a new post

GET Get posts

PUT Update post

GET Get a post

SimpleBooksAPI

PactumJS learnings / localjsonserver tests / Get a post

SaveShare

GET{{jsBaseUrl}} /posts /id

Send

DocsParamsAuthHeaders (7)BodyScriptsSettingsCookies

Key	Value	Description	Bulk Edit
Key	Value	Description	

Key	Value	Description	Bulk Edit
id	1	Description	

Body

200 OK10 ms411 B

JSON

```
1 {
2   "id": "1",
3   "title": "Hello World",
4   "body": "My first post",
5   "author": "Asfer"
6 }
```

Cloud ViewFind and replaceConsoleTerminal

PostbotRunnerStart ProxyCookiesVaultTrash

19:3028-01-2026

VS Code interface showing a JavaScript file named `lhCRUD.test.js` in the `testsPactum01` directory. The file contains Jest tests for a Local Posts API.

EXPLORER

- OPEN EDITORS
 - `lhCRUD.test.js` (selected)
- LEARNINGPACTUMJS
 - node_modules
 - reports
 - testsPactum01
 - componentTesting
 - jsonplaceholdertests
 - localjsonservertests
 - `lhCRUD.test.js` (selected)
 - `lhDataMatching.test.js`
 - `lhDataMatching2.test.js`
 - `lhE2E.test.js`
 - `lhInteg.test.js`
 - management
 - mockservertests
 - .gitignore
 - db1.json
 - package-lock.json
 - package.json

Code Editor

```
4 describe('Local Posts API', () => {  
30   it('PUT: update the post', async () => {  
31     await spec()  
32     .put(`/posts/${postId}`)  
33     .withJson({  
34       id: postId,  
35       title: 'Updated Title',  
36       body: 'Updated Body',  
37       userId: 1  
38     })  
39     .expectStatus(200);  
40   });  
41  
42   it('DELETE: delete the post', async () => {  
43     await spec()  
44     .delete(`/posts/${postId}`)  
45     .expectStatus(200);  
46   });  
47 });  
48
```

Status Bar

main | Jameel Asfer (1 month ago) | Ln 38, Col 8 (114 selected) | Spaces: 2 | UTF-8 | CRLF | JavaScript | Mobile Share | Go Live

19:31
28-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

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My Workspace

NewImport

localjsonserver test

POST Post a new post

GET Get posts

PUT Update post

GET Get a post

DEL Delete a post

No environment

Search collections

PactumJS learnings

jsonplaceholder tests

localjsonserver tests

POST Post a new post

GET Get posts

PUT Update post

GET Get a post

DEL Delete a post

SimpleBooksAPI

PactumJS learnings / localjsonserver tests / Get a post

SaveShare

GET{{jsBaseUrl}} /posts /id

Send

DocsParamsAuthHeaders (7)BodyScriptsSettingsCookies

Query Params

	Key	Value	Description	Bulk Edit
	Key	Value	Description	

Path Variables

	Key	Value	Description	Bulk Edit
	id	3	Description	

Body

404 Not Found9 ms387 B

Raw

1 Not Found

Cloud ViewFind and replaceConsoleTerminal

PostbotRunnerStart ProxyCookiesVaultTrash

19:3228-01-2026

File Edit Selection View Go Run Terminal Help

learningpactumjs

EXPLORER

OPEN EDITORS

JS lhDataMatching.test.js testsPactum01\localjs...

LEARNINGPACTUMJS

- node_modules
- reports
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 - lhCRUD.test.js
 - lhDataMatching.test.js
 - lhDataMatching2.test.js
 - lhE2E.test.js
 - lhInteg.test.js
 - management
 - mockserverTests
- .gitignore
- db1.json
- package-lock.json
- package.json

JS lhDataMatching.test.js

```
testsPactum01 > localjsonserverTests > JS lhDataMatching.test.js > describe('data matching') callback > it('validate single post using data matching(like)') callback
1  const { spec, request, matchers } = require('pactum');
2  const { like, eachLike } = require('pactum-matchers');
3
4  request.setBaseUrl('http://localhost:3000');
5
6  describe('data matching', () => {
7
8      it('validate single post using data matching(like)', async () => {
9          const postPayload = {
10              title: 'My Test Post',
11              body: 'This is a dynamic post body'
12          };
13
14          await spec()
15              .post('/posts')
16              .withJson(postPayload)
17              .expectStatus(201)
18              .stores('postId', 'id')
19
20          await spec()
21              .get('/posts/${postId}')
22              .expectStatus(200)
23              .expectJsonMatch({
24                  id: like('${postId}'),
25                  title: like(postPayload.title),
26                  body: like(postPayload.body)
27              })
28      })
29  })
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powerShell + -

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

main 0 0 0

Jameel Asfer (1 month ago) Ln 20, Col 21 Spaces: 4 UTF-8 CRLF JavaScript Mobile Share Go Live

19:44 28-01-2026

HomeWorkspacesAPI Network

Search PostmanCtrl K

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My Workspace

NewImport

data matching

POST Post a post

Search collections

PactumJS learnings

- jsonplaceholder tests
- localjsonserver tests
 - general
 - data matching
 - POST Post a post
 - SimpleBooksAPI

PactumJS learnings / localjsonserver tests / data matching / Post a post

SaveShare


Send

POST{{jsBaseUrl}}/posts

DocsParamsAuthHeaders (9)BodyScriptsSettingsCookiesResponseHistory

rawJSONSchemaBeautify

```
1 {
2   "title": "My Test Post",
3   "body": "This is a dynamic post body"
4 }
5
```



Click Send to get a response

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

No logs yet

Send a request to view its details in the console.

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

My Workspace New Import

Search collections

PactumJS learnings

- jsonplaceholder tests
- localjsonserver tests
 - general
 - data matching
 - POST Post a post
- SimpleBooksAPI

POST Post a post

PactumJS learnings / localjsonserver tests / data matching / Post a post

POST {{baseUrl}}/posts Send

Docs Params Auth Headers (9) Body Scripts Settings Cookies

Pre-req

Post-res

```
1 pm.test("status code - POST operation", () => {
2   pm.response.to.have.status(201);
3 })
4
5 const res = pm.response.json()
6
7 // Store postId
8 pm.environment.set("postId", res.id);
9
10 pm.test("data matching - POST operation", ()=>{
11   pm.expect(res.id).to.be.a("number");
12   pm.expect(res.title).to.be.a("string");
13   pm.expect(res.body).to.be.a("string");
14 })
15
```

Body JSON

```
1 {
2   "id": "9c7f",
3   "title": "My Test Post",
4   "body": "This is a dynamic post body"
5 }
```

201 Created - 8 ms - 413 B

Cloud View Find and replace Console Terminal

POST http://localhost:3000/posts 201 8 ms

HomeWorkspacesAPI Network

Search PostmanCtrl K

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Upgrade

My Workspace

NewImport

POST Post a post

No environment

Search collections

PactumJS learnings

- jsonplaceholder tests
- localjsonserver tests
 - general
 - data matching
 - POST Post a post
 - SimpleBooksAPI

Environments

History

Flows

Files

BETA

POST

{{baseUrl}}/posts

Send

DocsParamsAuthHeaders (9)BodyScriptsSettings

Pre-req

Post-res

```
1  pm.test("status code - POST operation", () => {
2    pm.response.to.have.status(201);
3  })
4
5  const res = pm.response.json()
6
7  // Store postId
8  pm.environment.set("postId", res.id);
9
10 pm.test("data matching - POST operation", ()=>{
11   pm.expect(res.id).to.be.a("string");
12   pm.expect(res.title).to.be.a("string");
13   pm.expect(res.body).to.be.a("string");
14 }
15
```

Cookies

Test Results

201 Created13 ms413 B

Filter Results

PASSEDstatus code - POST operation

PASSEDdata matching - POST operation

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

POST http://localhost:3000/posts2018 ms

POST http://localhost:3000/posts20113 ms

HomeWorkspacesAPI Network

Search PostmanCtrl K

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My Workspace

NewImport

POST Post a post

No environment

Search collections

PactumJS learnings

- jsonplaceholder tests
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- SimpleBooksAPI

POST

{{baseUrl}}/posts

Send

DocsParamsAuthHeaders (9)BodyScriptsSettingsCookies

Pre-req

Post-res

```
1  pm.test("status code - POST operation", () => {
2    pm.response.to.have.status(201);
3  })
4
5  const res = pm.response.json()
6
7  // Store postId
8  pm.environment.set("postId", res.id);
9
10 pm.test("data matching - POST operation", ()=>{
11   pm.expect(res.id).to.be.a("string");
12   pm.expect(res.title).to.be.a("string");
13   pm.expect(res.body).to.be.a("string");
14 })
15
```

Body

201 Created13 ms413 B

JSON

```
1  {
2    "id": "8fe5",
3    "title": "My Test Post",
4    "body": "This is a dynamic post body"
5  }
```

Cloud ViewFind and replaceConsoleTerminal

All LogsClear

POST http://localhost:3000/posts2018 ms

POST http://localhost:3000/posts20113 ms

