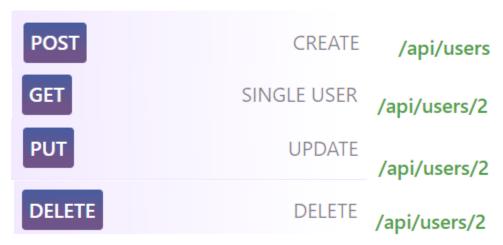
Serenity VS Karate Workshop

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Requests to be considered

From the requests offered in the REQRES API (https://reqres.in) 4 are selected corresponding to CRUD functions for a 'user'.



Where the slug '2' of RUD functions is the user ID, and CU functions need a body containing a JSON with user information, like this.

```
{
...."name": "morpheus",
...."job": "leader"
}
```

CR functions will be automated with Serenity, and UD ones with Karate.

Postman tests

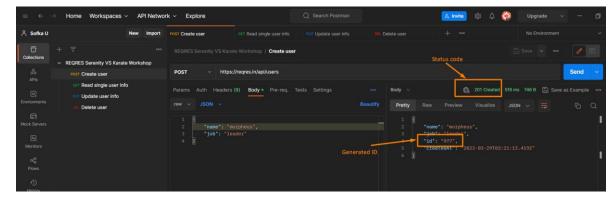
Create

There are 2 scenarios, when a valid JSON is sent and when it is not.

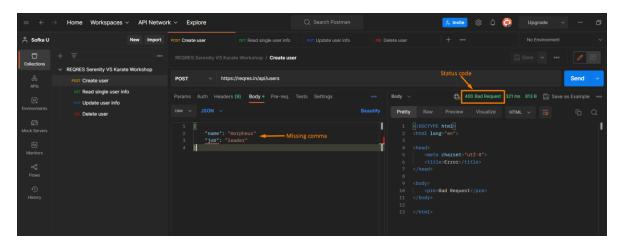
In the first, an ID is generated, and the status code corresponds to 201 Created. This is indifferent to the attributes that the JSON may have.

In the other, it returns an HTML file and a status code 400 Bad Request. If a comma is missing, this scenario is generated, for example.

First scenario



Second scenario



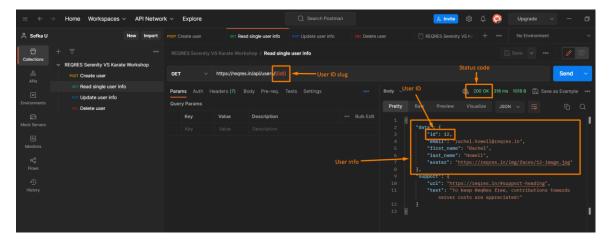
Read

There are 2 scenarios, when a user exists and when it doesn't.

The first one returns a JSON with the user information and a 200 OK status code.

In the second scenario, an empty JSON and a status code 400 Not Found is returned.

First scenario



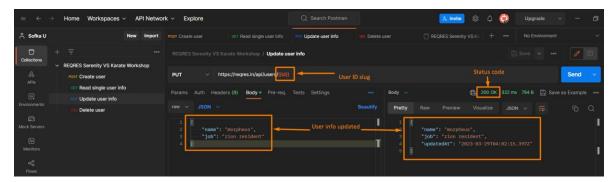
Second scenario



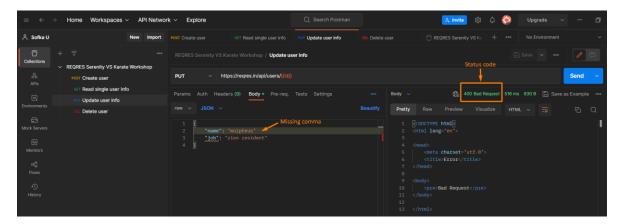
Update

In the same way as in the Create function, the attributes contained in the JSON sent are irrelevant. Therefore, the same 2 scenarios are generated. In addition, the user ID is also indifferent.

First scenario

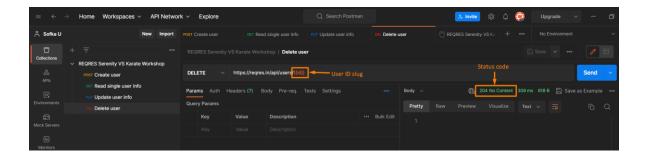


Second scenario



Delete

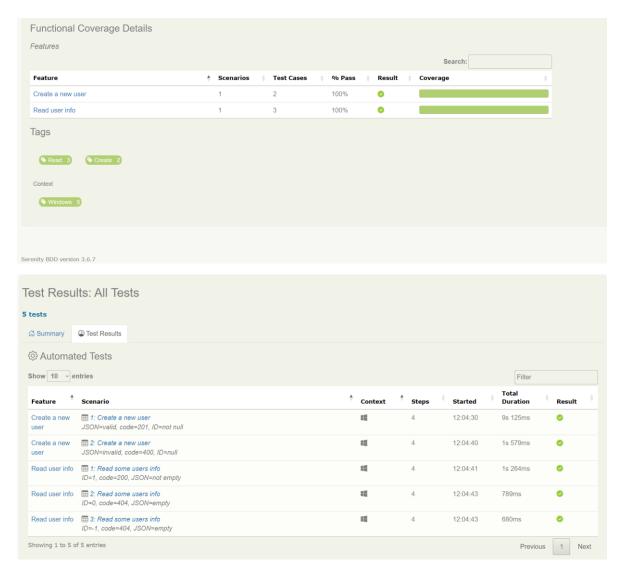
For the Delete function there is only one scenario, since the user ID is also indifferent, so always a status code 204 No Content and no content body is received.



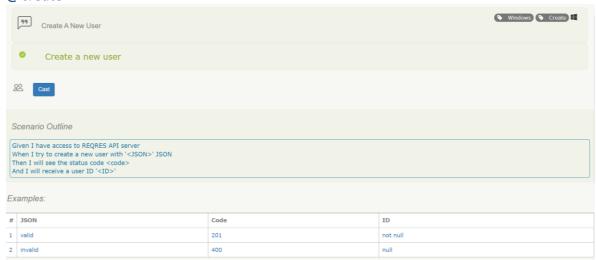
Karate and Serenity Reports

Serenity



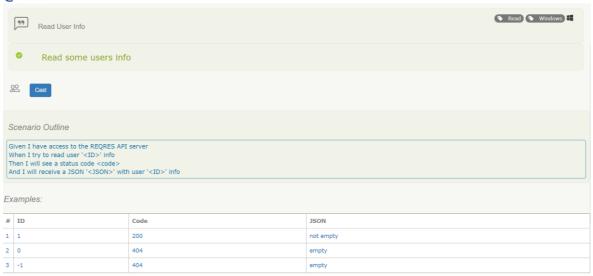


@Create



Steps	Outcome	0
1: Create a new user ({JSON=valid, code=201, ID=not null})	SUCCESS	9s 125ms
◎ Given I have access to REQRES API server	SUCCESS	104ms
■ When I try to create a new user with 'valid' JSON	SUCCESS	6s 573ms
Regres admin create user	SUCCESS	5s 978ms
■ REQRES Admin executes a POST on the resource /api/users/	SUCCESS	5s 806ms
POST https://regres.in/api/users/		22.00
REST Query	SUCCESS	001ms
▼ Then I will see the status code 201	SUCCESS	319ms
Status code Statu	SUCCESS	105ms
And I will receive a user ID 'not null'	SUCCESS	1s 964ms
User created	SUCCESS	1s 918ms
Steps	Outcome	Ø
1: Create a new user ({JSON=valid, code=201, ID=not null})	SUCCESS	9s 125ms
2: Create a new user ({JSON=invalid, code=400, ID=null})	SUCCESS	1s 579ms
⊙ Given I have access to REQRES API server	SUCCESS	021ms
▼ When I try to create a new user with 'invalid' JSON	SUCCESS	1s 244ms
Regres admin create user	SUCCESS	1s 153ms
▼ REQRES Admin executes a POST on the resource /api/users/	SUCCESS	1s 077ms
POST https://reqres.in/api/users/ REST Guery	SUCCESS	
▼ Then I will see the status code 400	SUCCESS	030ms
Status code	SUCCESS	008ms
▼ And I will receive a user ID 'null'	SUCCESS	261ms
⊘ User created	SUCCESS	212ms
	SUCCESS	11.12s
	3000233	11.125

@Read



Given 1 have access to the REQRES API server SUCCESS 0.26ms When 1 try to read user '1' info SUCCESS 1s 0.20ms Request admin read info SUCCESS 908ms REQRES Admin executes a GET on the resource /api/users/1 SUCCESS 805ms GET https://reqres.in/api/users/1 SUCCESS 805ms GET https://reqres.in/api/users/1 SUCCESS 0.51ms Status code SUCCESS 0.51ms And 1 will receive a JSON 'not empty' with user '1' info SUCCESS 0.51ms Status code SUCCESS 0.54ms The 1 will receive a JSON 'not empty' with user '1' info SUCCESS 0.59ms When 1 have access to the REQRES API server SUCCESS 0.59ms When 1 try to read user '0' info SUCCESS 0.59ms Request admin read info SUCCESS 0.58ms Request admin executes a GET on the resource /api/users/0 SUCCESS 0.58ms PROPRES Admin executes a GET on the resource /api/users/0 SUCCESS 0.58ms Status code SUCCESS 0.53ms Outcome District code SUCCESS 0.53ms Success Status code SUCCESS 0.53ms User created SUCCESS 0.53ms Success Success Success 0.50ms Success Success Success 0.50ms Success Success Success 0.50ms Success Success 0.50ms Success Success 0.50ms	Steps	Outcome	②
When I by to read user' 1' info	▼ 1: Read some users info ({ID=1, code=200, JSON=not empty})	SUCCESS	1s 264ms
Regres admin read into SUCCESS SOBINE SUCC	◎ Given I have access to the REQRES API server	SUCCESS	026ms
P. REQRES Admin executes a GET on the resource /api/users/1 SUCCESS S	▼ When I try to read user '1' info	SUCCESS	1s 020ms
### CET Intps://regres.in/api/users/1 Tim I mill see a status code 200	▼ Regres admin read info	SUCCESS	908ms
SUCCESS OSIms Outcome Outcom	▼ REQRES Admin executes a GET on the resource /api/users/1	SUCCESS	805ms
Then I will see a status code 200 SUCCESS Of Inns	GET https://reqres.in/api/users/1	SUCCESS	
Status code	REST Query	3000233	
In and I will receive a JSON not empty' with user '1' info	▼ Then I will see a status code 200	SUCCESS	061ms
Steps		SUCCESS	016ms
1	▼ And I will receive a JSON 'not empty' with user '1' info	SUCCESS	123ms
1 1: Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=0, code=404, 350N=empty)) 3 : CESS 789ms 3 : Given 1 have access to the REQRES API server 5 : SUCCESS 639ms 7 : Repres admin read info 6 : CEST thips://reqres.in/api/users/0 6 : Status code 7 : Repres admin read info 6 : SUCCESS 036ms 6 : SUCCESS 036ms 6 : SUCCESS 036ms 6 : SUCCESS 036ms 7 : CEST County 7 : Then I will see a status code 404 9 : Status code 9 : Status code 1 : Read some users info ((ID=1, code=200, 350N=empty)) 1 : Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=1, code=200, 350N=empty)) 3 : Read some users info ((ID=1, code=200, 350N=empty)) 9 : CESS 032ms 9 : CESS 032ms 1 : Read some users info ((ID=1, code=200, 350N=empty)) 1 : Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=1, code=404, 350N=empty)) 3 : Read some users info ((ID=1, code=404, 350N=empty)) 4 : Repres admin read info 5 : SUCCESS 032ms 7 : Repres admin read info 5 : SUCCESS 032ms 7 : Repres admin read info 5 : Success 032ms 7 : Then I will see a status code 404 9 : Status code 1 : Then I will see a status code 404 9 : Status code 1 : Then I will see a status code 404 9 : Status code 1 : Then I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : Then I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 :	User info	SUCCESS	084ms
1 1: Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=0, code=404, 350N=empty)) 3 : CESS 789ms 3 : Given 1 have access to the REQRES API server 5 : SUCCESS 639ms 7 : Repres admin read info 6 : CEST thips://reqres.in/api/users/0 6 : Status code 7 : Repres admin read info 6 : SUCCESS 036ms 6 : SUCCESS 036ms 6 : SUCCESS 036ms 6 : SUCCESS 036ms 7 : CEST County 7 : Then I will see a status code 404 9 : Status code 9 : Status code 1 : Read some users info ((ID=1, code=200, 350N=empty)) 1 : Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=1, code=200, 350N=empty)) 3 : Read some users info ((ID=1, code=200, 350N=empty)) 9 : CESS 032ms 9 : CESS 032ms 1 : Read some users info ((ID=1, code=200, 350N=empty)) 1 : Read some users info ((ID=1, code=200, 350N=empty)) 2 : Read some users info ((ID=1, code=404, 350N=empty)) 3 : Read some users info ((ID=1, code=404, 350N=empty)) 4 : Repres admin read info 5 : SUCCESS 032ms 7 : Repres admin read info 5 : SUCCESS 032ms 7 : Repres admin read info 5 : Success 032ms 7 : Then I will see a status code 404 9 : Status code 1 : Then I will see a status code 404 9 : Status code 1 : Then I will see a status code 404 9 : Status code 1 : Then I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : Then I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 : And I will receive a 350N 'empty' with user '1' info 9 : Status code 1 :	Stane	Outcome	Ø.
2: Read some users info ({ID=0, code=404, JSON=empty}) SUCCESS 789ms ⓒ Given I have access to the REQRES API server SUCCESS 639ms ☑ When I try to read user '0' info SUCCESS 630ms ☑ REQRES Admin read info SUCCESS 527ms ☑ REQRES Admin executes a GET on the resource /spl/users/0 SUCCESS 566ms ☑ Then I will see a status code 404 SUCCESS 0.14ms ☑ Then I will see a status code 405 SUCCESS 0.14ms ☑ And I will receive a JSON 'empty' with user '0' info SUCCESS 0.17ms ☑ Steps Outcome © ☑ 1: Read some users info ({ID=1, code=200, JSON=empty})) SUCCESS 0.17ms ☑ 2: Read some users info ({ID=1, code=200, JSON=empty})) SUCCESS 789ms ☑ 3: Read some users info ({ID=-1, code=404, JSON=empty})) SUCCESS 680ms ☑ Given I have access to the REQRES API server SUCCESS 582ms ☑ When I try to read user '-1' info SUCCESS 582ms ☑ Reques admin read info SUCCESS 582ms ☑ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 527ms			
● Given I have access to the REQRES API server SUCCESS 63ms ■ When I try to read user '0' info SUCCESS 630ms ■ Regres admin read info SUCCESS 587ms ■ REQRES Admin executes a GET on the resource /api/users/0 SUCCESS 566ms ■ GET hittps://regres.in/api/users/0 SUCCESS 036ms ■ Status code SUCCESS 014ms ■ Status code SUCCESS 014ms ■ And I will receive a JSON 'empty' with user '0' info SUCCESS 017ms Steps Outcome © ■ 1: Read some users info ((ID=1, code=200, JSON=empty)) SUCCESS 017ms ■ 2: Read some users info ((ID=0, code=404, JSON=empty)) SUCCESS 789ms ■ 3: Read some users info ((ID=-1, code=404, JSON=empty)) SUCCESS 680ms ■ Given I have access to the REQRES API server SUCCESS 522ms ■ Regres admin read info SUCCESS 522ms ■ Regres admin read info SUCCESS 522ms ■ Regres admin read info SUCCESS 522ms ■ Title of thit interactive a SET on the resource /api/users/-1 SUCCESS			
■ When I try to read user '0' info SUCCESS 587ms ■ Regres admin read info SUCCESS 587ms ■ REGRES Admin executes a GET on the resource /api/users/0 SUCCESS 566ms ■ GET https://regres.in/api/users/0 SUCCESS 036ms ■ Then I will as a status code 404 SUCCESS 0.14ms ● Status code SUCCESS 0.35ms ■ Just created SUCCESS 0.37ms ■ User created SUCCESS 0.37ms ■ Li Read some users info ([ID=1, code=404, JSON=empty)) SUCCESS 789ms ■ Read some users info ([ID=0, code=404, JSON=empty)) SUCCESS 520ms ■ When I try to read user's info ([ID=1, code=404, JSON=empty)) SUCCESS 522ms ■ Regres admin read info SUCCESS 522ms ■ Regres admin read info SUCCESS 522ms <td></td> <td></td> <td></td>			
▼ Regres admin read info SUCCESS \$87ms ▼ REQRES Admin executes a GET on the resource /api/users/0 SUCCESS \$66ms ● GET https://regres.in/api/users/0 SUCCESS 0.36ms ▼ Then I will see a status code 404 SUCCESS 0.14ms ▼ And I will receive a JSON 'empty' with user '0' info SUCCESS 0.33ms ▼ User created SUCCESS 0.17ms Steps Outcome © ▼ 1: Read some users info ({{ID=1, code=200, JSON=empty}}) SUCCESS 1s 264ms ▼ 2: Read some users info ({{ID=0, code=404, JSON=empty}}) SUCCESS 789ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 680ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 680ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 680ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 582ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 582ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty}}) SUCCESS 582ms ▼ 3: Read some users info ({{ID=1, code=404, JSON=empty			
■ REQRES Admin executes a GET on the resource /api/users/0 GET https://reqres.in/api/users/0 RESIDENT Then I will see a status code 404 SUCCESS O36ms SUCCESS O14ms SUCCESS O14ms SUCCESS O14ms SUCCESS O14ms SUCCESS O17ms Steps Outcome O1 to success O17ms Steps Outcome O1 to success O17ms Steps Outcome O1 to success O17ms Steps O1 to success O25ms			
### Success Then I will see a status code 404			567.115
Then I will see a status code 404		3000233	3001113
Status code SUCCESS 014ms ✓ And I will receive a JSON 'empty' with user '0' info SUCCESS 033ms ✓ User created SUCCESS 017ms Steps Outcome ⊙ I : Read some users info ({ID=1, code=200, JSON=not empty}) SUCCESS 1s 264ms I : Read some users info ({ID=0, code=404, JSON=empty}) SUCCESS 789ms ✓ 3: Read some users info ({ID=1, code=404, JSON=empty}) SUCCESS 680ms ✓ Given I have access to the REQRES API server SUCCESS 982ms ✓ When I try to read user '-1' info SUCCESS 582ms ✓ Reqres admin read info SUCCESS 582ms ✓ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms ✓ Then I will see a status code 404 SUCCESS 027ms ✓ Status code SUCCESS 046ms ✓ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ✓ User created SUCCESS 025ms		SUCCESS	
Nad I will receive a JSON 'empty' with user '0' info SUCCESS 033ms User created SUCCESS 017ms Steps Outcome © 1: Read some users info ({ID=1, code=200, JSON=not empty})) SUCCESS 1s 264ms 1: Read some users info ({ID=1, code=404, JSON=empty})) SUCCESS 789ms 2: Read some users info ({ID=1, code=404, JSON=empty})) SUCCESS 680ms 3: Read some users info ({ID=1, code=404, JSON=empty})) SUCCESS 680ms Given I have access to the REQRES API server SUCCESS 582ms Vise Regres admin read info SUCCESS 582ms REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms FIRST Outery SUCCESS 027ms © Status code SUCCESS 010ms And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms User created SUCCESS 025ms	▼ Then I will see a status code 404	SUCCESS	036ms
Steps Outcome 1 1: Read some users Info ({ID=1, code=200, ISON=not empty}) SUCCESS 1s 264ms 2: Read some users Info ({ID=0, code=404, JSON=empty}) 3: Read some users Info ({ID=-1, code=404, JSON=empty}) SUCCESS 3: Read some users Info ({ID=-1, code=404, JSON=empty}) Given I have access to the REQRES API server SUCCESS When I try to read user '-1' info SUCCESS When I try to read user '-1' info SUCCESS REQRES Admin executes a GET on the resource /api/users/-1 GET https://reqres.in/api/users/-1 SUCCESS Then I will see a status code 404 Success Then I will see a status code 404 Success And I will receive a JSON 'empty' with user '-1' info Success User created Success O25ms		SUCCESS	014ms
Steps Outcome ② 1 : Read some users info ({ID=1, code=200, JSON=not empty}) SUCCESS 1s 264ms 2 : Read some users info ({ID=0, code=404, JSON=empty}) 3 : Read some users info ({ID=-1, code=404, JSON=empty}) Given I have access to the REQRES API server When I try to read user '-1' info REQRES Admin executes a GET on the resource /api/users/-1 GET https://reqres.in/api/users/-1 GET https://reqres.in/api/users/-1 SUCCESS Status code And I will receive a JSON 'empty' with user '-1' info User created Outcome ② SUCCESS 1s 264ms SUCCESS 680ms SUCCESS 008ms SUCCESS 582ms SUCCESS 582ms SUCCESS 523ms SUCCESS 523ms Outcome ② User created	▼ And I will receive a JSON 'empty' with user '0' info	SUCCESS	033ms
1: Read some users info ({ID=1, code=200, JSON=not empty}) 2: Read some users info ({ID=0, code=404, JSON=empty}) 3: Read some users info ({ID=-1, code=404, JSON=empty}) 3: Read some users info ({ID=-1, code=404, JSON=empty}) 4: Success 680ms 4: Given I have access to the REQRES API server 5: Success 582ms 6: When I try to read user '-1' info 5: Success 582ms 7: Regres admin read info 5: Success 562ms 7: REGRES Admin executes a GET on the resource /api/users/-1 5: Success 523ms 7: REST Overy 7: Then I will see a status code 404 7: Success 5: Su	☑ User created	SUCCESS	017ms
▶ 2: Read some users Info ({ID=0, code=404, JSON=empty}) SUCCESS 789ms ▼ 3: Read some users Info ({ID=-1, code=404, JSON=empty}) SUCCESS 680ms ● Given I have access to the REQRES API server SUCCESS 008ms ▼ When I try to read user '-1' info SUCCESS 582ms ▼ Reqres admin read info SUCCESS 562ms ▼ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms ● GET https://reqres.in/api/users/-1 SUCCESS 523ms ■ Then I will see a status code 404 SUCCESS 027ms ● Status code SUCCESS 010ms ▼ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ● User created SUCCESS 025ms	Steps	Outcome	Ø.
■ 3: Read some users info ({ID=-1, code=404, JSON=empty}) ■ Given I have access to the REQRES API server ■ When I try to read user '-1' info ■ REQRES admin read info ■ REQRES Admin executes a GET on the resource /api/users/-1 ■ GET https://reqres.in/api/users/-1 ■ GET https://reqres.in/api/users/-1 ■ REST Owery ■ Then I will see a status code 404 ■ SUCCESS ■ SUCCESS ■ O27ms ■ Status code ■ And I will receive a JSON 'empty' with user '-1' info ■ User created ■ SUCCESS ■ 025ms	1: Read some users info ({ID=1, code=200, JSON=not empty})	SUCCESS	1s 264ms
© Given I have access to the REQRES API server ■ When I try to read user '-1' info ■ Reqres admin read info ■ REQRES Admin executes a GET on the resource /api/users/-1 ■ REST Owery ■ Then I will see a status code 404 ■ SUCCESS ■ Success ■ And I will receive a JSON 'empty' with user '-1' info ■ User created ■ SUCCESS ■ User created	2: Read some users info ({ID=0, code=404, JSON=empty})	SUCCESS	789ms
▼ When I try to read user '-1' info SUCCESS 582ms ▼ Regres admin read info SUCCESS 562ms ▼ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms GET https://regres.in/api/users/-1 SUCCESS 527ms ▼ Then I will see a status code 404 SUCCESS 027ms ② Status code SUCCESS 010ms ▼ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ③ User created SUCCESS 025ms	■ 3: Read some users info ({ID=-1, code=404, JSON=empty})	SUCCESS	680ms
▼ Regres admin read info SUCCESS 562ms ▼ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms GET https://regres.in/api/users/-1 SUCCESS SUCCESS ▼ Then I will see a status code 404 SUCCESS 027ms ② Status code SUCCESS 010ms ▼ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ③ User created SUCCESS 025ms	◎ Given I have access to the REQRES API server	SUCCESS	008ms
▼ REQRES Admin executes a GET on the resource /api/users/-1 SUCCESS 523ms GET https://regres.in/api/users/-1 SUCCESS SUCCESS ▼ Then I will see a status code 404 SUCCESS 027ms ② Status code SUCCESS 010ms ▼ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ③ User created SUCCESS 025ms	▼ When I try to read user '-1' info	SUCCESS	582ms
GET https://regres.in/api/users/-1 REST Query Then I will see a status code 404 SUCCESS 027ms Status code Status code And I will receive a JSON 'empty' with user '-1' info User created SUCCESS 026ms	Regres admin read info	SUCCESS	562ms
REST Query Then I will see a status code 404 Success Status code Success 100ms And I will receive a JSON 'empty' with user '-1' info User created Success 027ms Success 010ms Success 046ms Success 025ms	REQRES Admin executes a GET on the resource /api/users/-1	SUCCESS	523ms
REST Query SUCCESS 027ms ▼ Then I will see a status code 404 SUCCESS 010ms ▼ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms ③ User created SUCCESS 025ms		SUCCESS	
Status code SUCCESS 010ms ■ And I will receive a JSON 'empty' with user '-1' info SUCCESS 046ms User created SUCCESS 025ms	REST Query	5555255	
■ And I will receive a JSON 'empty' with user '-1' info User created SUCCESS 046ms 0 User created	▼ Then I will see a status code 404	SUCCESS	027ms
② User created SUCCESS 025ms		SUCCESS	010ms
	▼ And I will receive a JSON 'empty' with user '-1' info	SUCCESS	046ms
SUCCESS 2.86s	◎ User created	SUCCESS	025ms
		SUCCESS	2.86s