



HOW IT WORKS

Data-Driven Tests
in Postman

Test Automation University

NewImport

Collections

APIs

Environments

Mock Servers

Monitors

Flows

History

Overview

POST Create Booking

Runner

Restful Booker

Data Driven Test / Create Booking

Save

Send

POST

https://restful-booker.herokuapp.com/booking

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

2

3

4

5

6

7

8

9

10

11

"firstname" : "{{firstname}}",

"lastname" : "{{lastname}}",

"totalprice" : 111,

"depositpaid" : true,

"bookingdates" : {

"checkin" : "2018-01-01",


"checkout" : "2019-01-01"

}

"additionalneeds" : "Breakfast"

Declare variables for the parameters you want to test

Response



Click Send to get a response

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Pre-request Script

Tests

Settings

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4
5 var fn = pm.variables.get("firstname");
6 var ln = pm.variables.get("lastname");
7
8 pm.test("Check firstname " + fn, function () {
9   var jsonData = pm.response.json();
10  pm.expect(jsonData.booking.firstname).to.eql(fn);
11 });
12
13 pm.test("Check lastname " + ln, function () {
14   var jsonData = pm.response.json();
15   pm.expect(jsonData.booking.lastname).to.eql(ln);
16 });
```

Add tests to
check the
variables

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](#)

[Get a variable](#)


[Get a collection variable](#)

[Set an environment variable](#)

[Set a global variable](#)

[Set a collection variable](#)

Response



Click Send to get a response

Test Automation University

New Import

Overview POST Create Booking Runner

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Share

Move

Run collection

Edit

Add request

Add folder

Monitor collection

Mock collection

Create a fork

Create pull request

Merge changes

Pull changes

View changelog

View documentation

Rename

Duplicate

Export

Manage roles

RUN ORDER

Deselect All Select All Reset

POST Create Booking

Choose how to run your collection

Run manually

Schedule runs

Automate runs via CLI

Run configuration

Iterations

6

Delay

0 ms

Data

Select File test_data.csv

Data File Type

text/csv

Preview

Advanced settings

Run Data Driven Test

1

2

3

—> 1-2 Run collection

—> 3 Choose CSV file with your test data

Test Automation University

New Import Overview POST Create Booking Runner + ... Restful Booker

Collections

+ -

▼ Data Driven Test

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PREVIEW DATA

Iteration	firstname	lastname
1	"J"	"K"
2	"Clause"	"D'Artagnan"
3	"Bob"	"Smith-Kline"
4	"Peggy Sue"	"Hodjspdjsijlsjhfvjygubhdj vcjsvkhvxjchjkhkvzkhvc"
5	"读写汉字"	"学中文"
6	"Jacob🤪"	🐙

You can preview file to make sure it's OK

Preview

Test Automation University

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Run Again

Automate Run

+ New Run

Export Results

Data Driven Test - Run results

Run on Today, 12:41:13 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	Restful Booker	6	1s 355ms	18	188 ms

All TestsPassed (18)Failed (0)Skipped (0)

View Summary

Iteration 1

POST Create Bookinghttps://restful-booker.herokuapp.com/booking / Create Booking200 OK507 ms437 B

PassStatus code is 200

PassCheck firstname J

PassCheck lastname K

Iteration 2

POST Create Bookinghttps://restful-booker.herokuapp.com/booking / Create Booking200 OK123 ms451 B

PassStatus code is 200

PassCheck firstname Clause

PassCheck lastname D'Artagnan

Iteration 3

POST Create Bookinghttps://restful-booker.herokuapp.com/booking / Create Booking200 OK123 ms449 B

Run collection,
analyze the results

+

☰

...

Collections

▼

Data Driven Test

POST Create Booking

>

Restful Booker

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Data Driven Test - Run results

Run Again

Automate Run

+ New Run

Export Results

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Runner	Restful Booker	6	1s 355ms	18	188 ms

All Tests

Passed (18)

Failed (0)

Skipped (0)

View Summary

Iteration 3

POST Create Booking https://restful-booker.herokuapp.com/booking / Create Booking 200 OK 123 ms 449 B

Pass Status code is 200

Pass Check firstname Bob

Pass Check lastname Smith-Kline

Iteration 4

POST Create Booking https://restful-booker.herokuapp.com/booking / Create Booking 200 OK 127 ms 491 B

Pass Status code is 200

Pass Check firstname Peggy Sue

Pass Check lastname Hodjspdjsiijshfvjygubhdjvcjsvkhvxjchjkhkvzkhvc

Iteration 5

POST Create Booking https://restful-booker.herokuapp.com/booking / Create Booking 200 OK 124 ms 456 B

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OverviewPOST Create BookingData Driven Test+...

Restful Booker

Run AgainAutomate RunNew RunExport Results

Collections

+Data Driven Test

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All TestsPassed (18)Failed (0)Skipped (0)View Summary

Pass

Check firstname Peggy Sue

1

Pass

Check lastname Hodjspdjsijsjhfvjygubhdjvcjsvkhvxjchjkhkvzkhvc

2

Pass

Check lastname 读写汉字

3

Pass

Check lastname 学中文

4

Iteration 5

POST Create Bookinghttps://restful-booker.herokuapp.com/booking / Create Booking200 OK124 ms456 B

Pass

Status code is 200

Pass

Check firstname 读写汉字

Pass

Check lastname 学中文

Iteration 6

POST Create Bookinghttps://restful-booker.herokuapp.com/booking / Create Booking200 OK122 ms448 B

Pass

Status code is 200

Pass

Check firstname Jacob👉

Pass

Check lastname 🐱

Make sure your parameters react to the test data as they should