INFINUM

Postman

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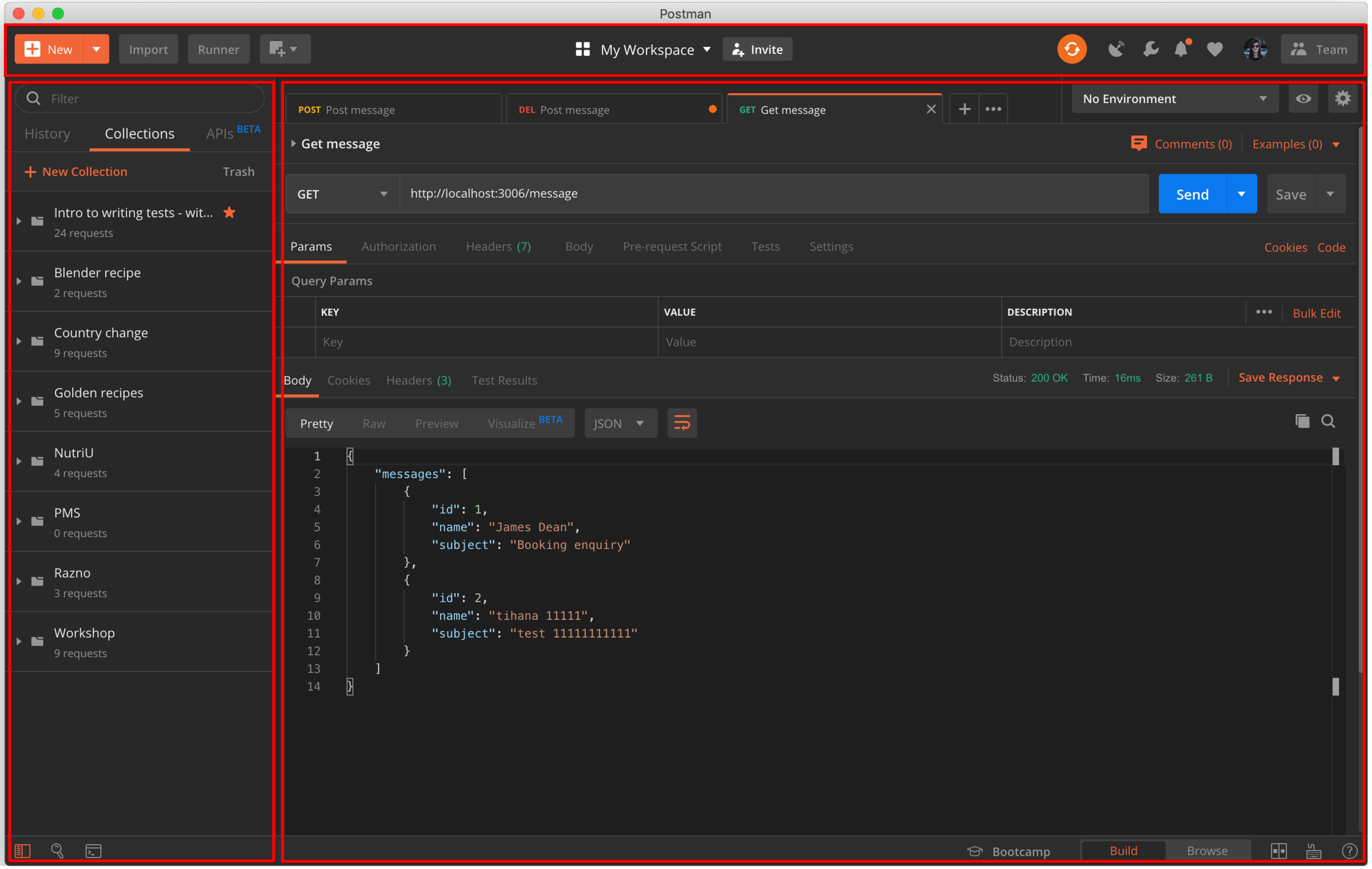
01

NAVIGATING POSTMAN

HEADER TOOLBAR



SIDEBAR

BUILDER

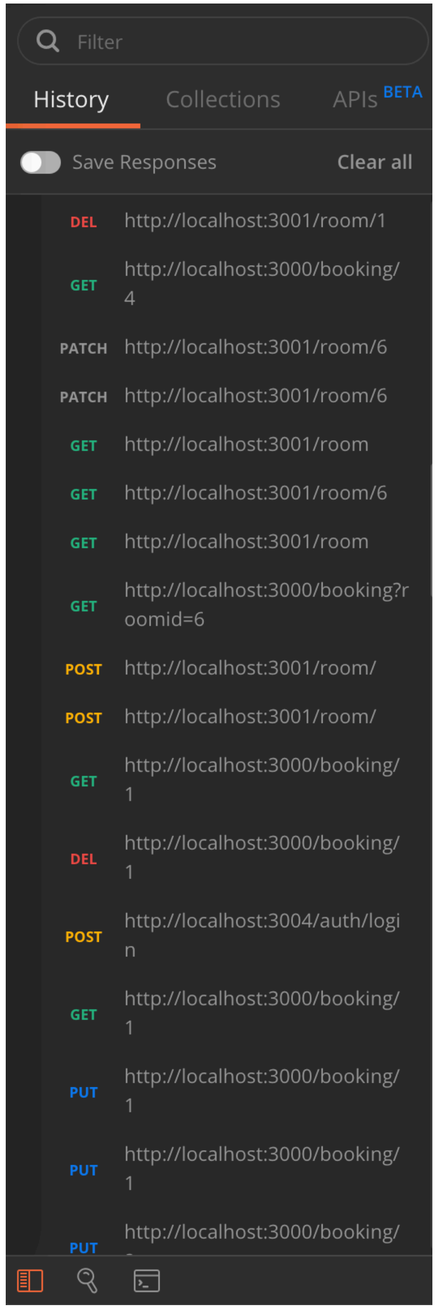
SIDEBAR

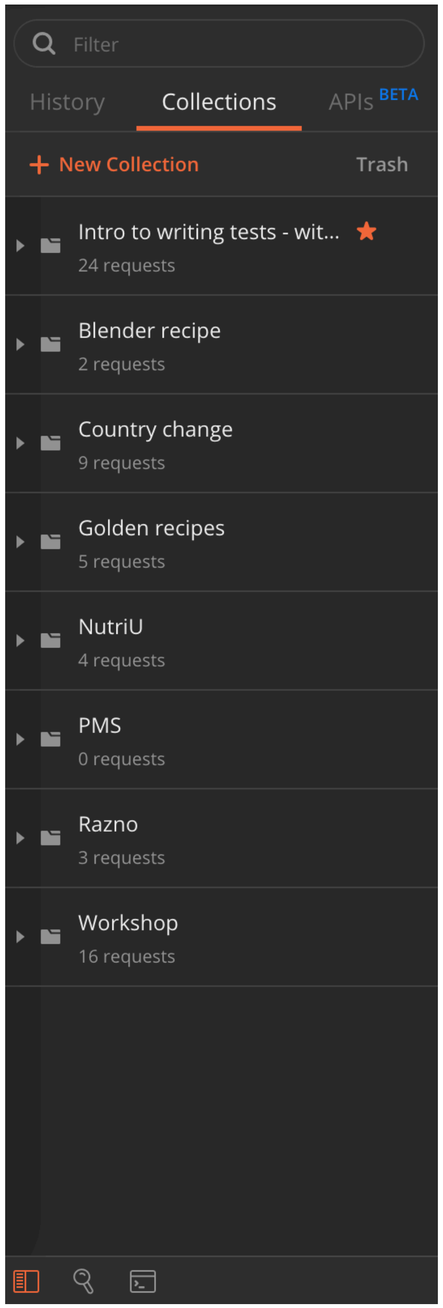
HISTORY TAB:

- Postman app stores every request you send
- You can save the responses you get when you send your requests
- The requests are ordered by time, with the most recent requests displayed at the top

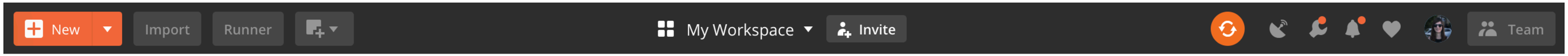
COLLECTION TAB:

- group of saved requests you can organize into folders
- Create new collection:
  - Collections tab –> + New Collection
  - New –> Collection





HEADER TOOLBAR



- **New button:** Creates requests, collections, environments, documentation, mock servers, and monitors.
- **Import button:** Imports Postman collections, environments, cURL ...
- **Runner button:** Starts a collection run (groups of requests that can be run together as a series of requests, against a corresponding environment.
- **New window icon:** Opens a new "Tab", "Postman Window" or a "Runner Window".
- **Workspaces menu:** Opens the Workspaces menu where you can view personal and team Workspace, and create and manage Workspaces.
- **SYNC status icon:** Sync API request across devices
- **Settings icon:** Manages Postman app settings and finds other support resources.
- **Notifications icon:** Receives notifications or broadcasts.
- **User dropdown:** Displays current user and provides these options: "Profile", "Account Settings", "Notification Preferences", "Active Sessions", and "Add a new account".
- **Team:** Change your team name, team URL, team logo, and billing information

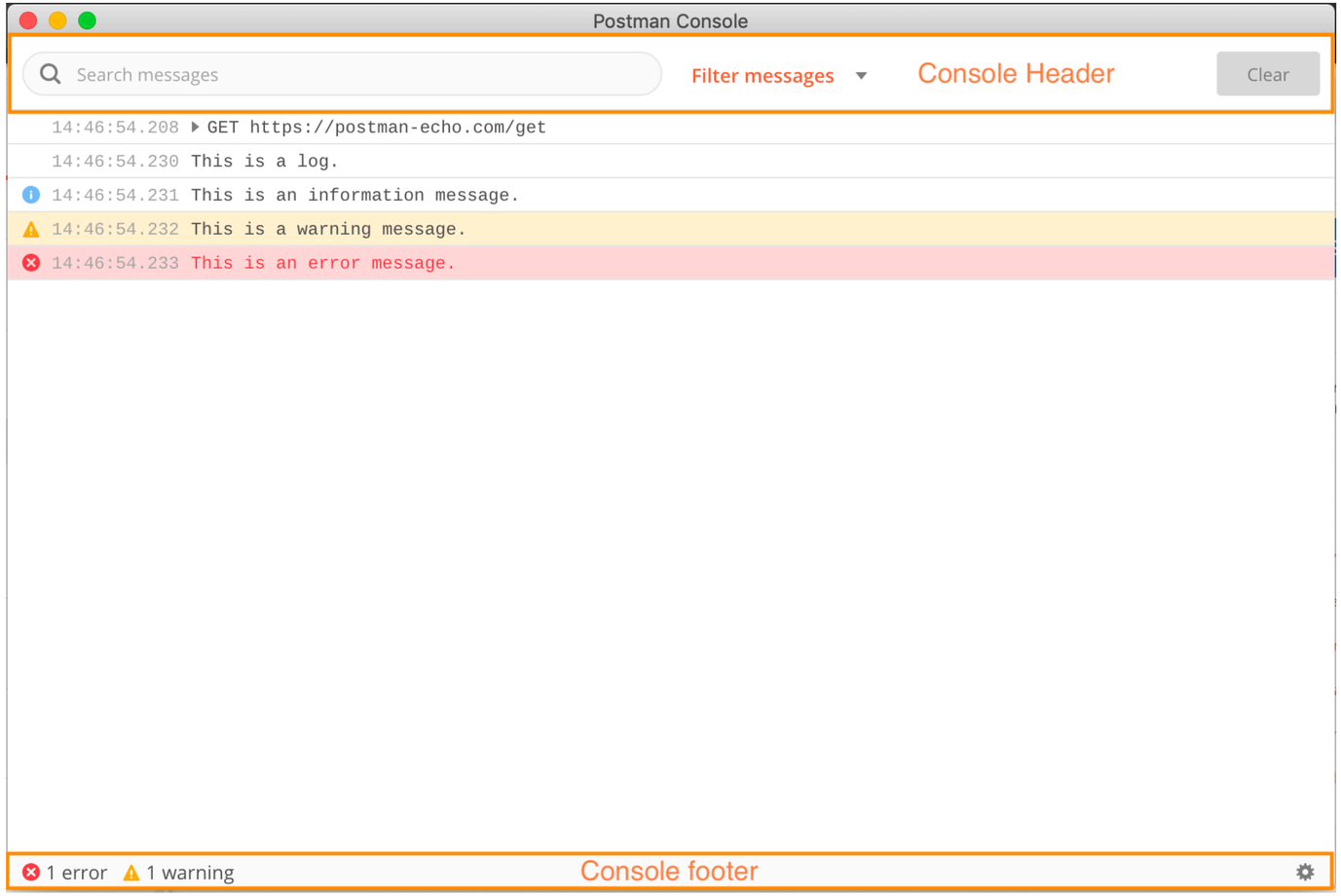
BUILDER

CONSOLE:

- Contains a running log of HTTP requests and responses

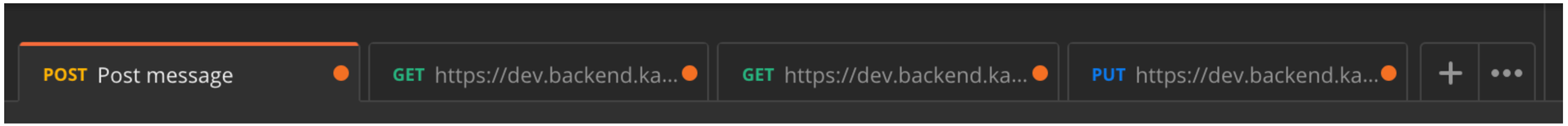
- You can log messages from scripts:

1. **Log:** `console.log(“This is a log.”);`
2. **Info:** `console.info("This is an information message.");`
3. **Warning:** `console.warn("This is a warning message.");`
4. **Error:** `console.error("This is an error message.");`



TABS AND WINDOWS:

- **multi-tab and multi-window configurations to work on multiple requests or even multiple collections together and simultaneously.**

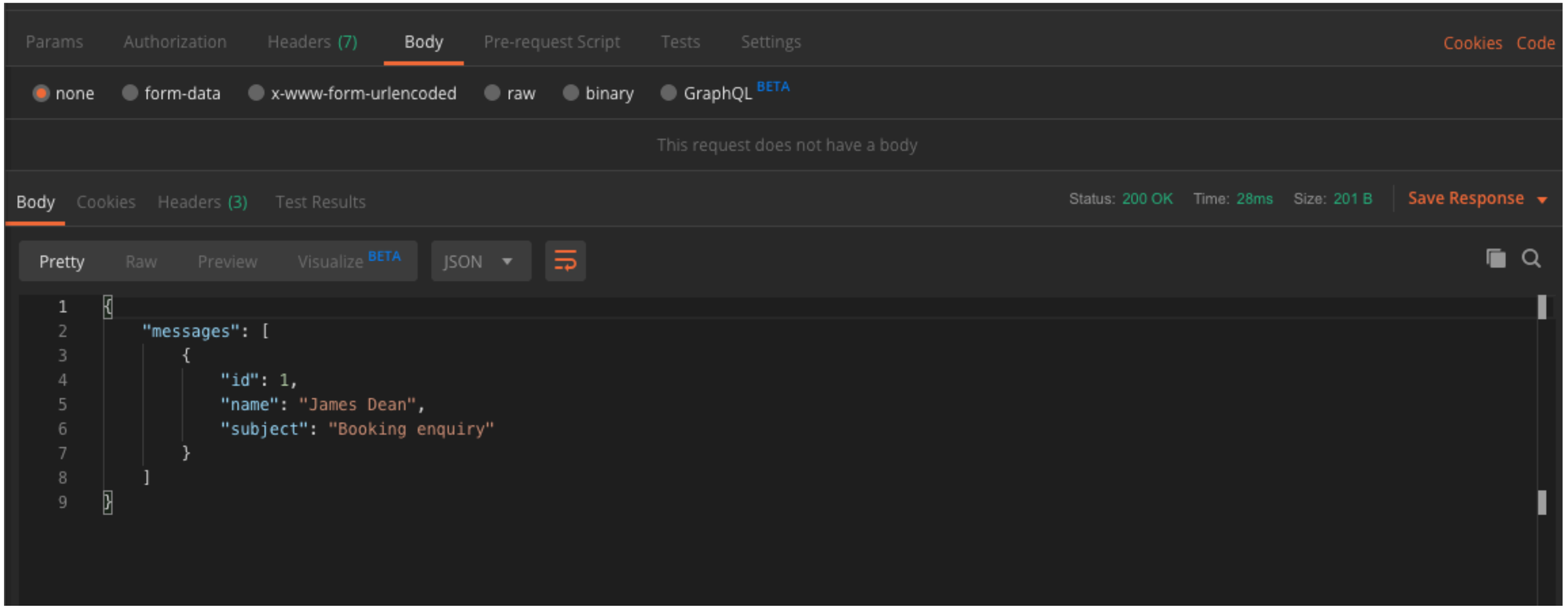


- **Actions on tabs:** Duplicate Current Tab, Close Current Tab, Force Close Current Tab, Close All but Current Tab, Close All Tabs, Force Close All Tabs

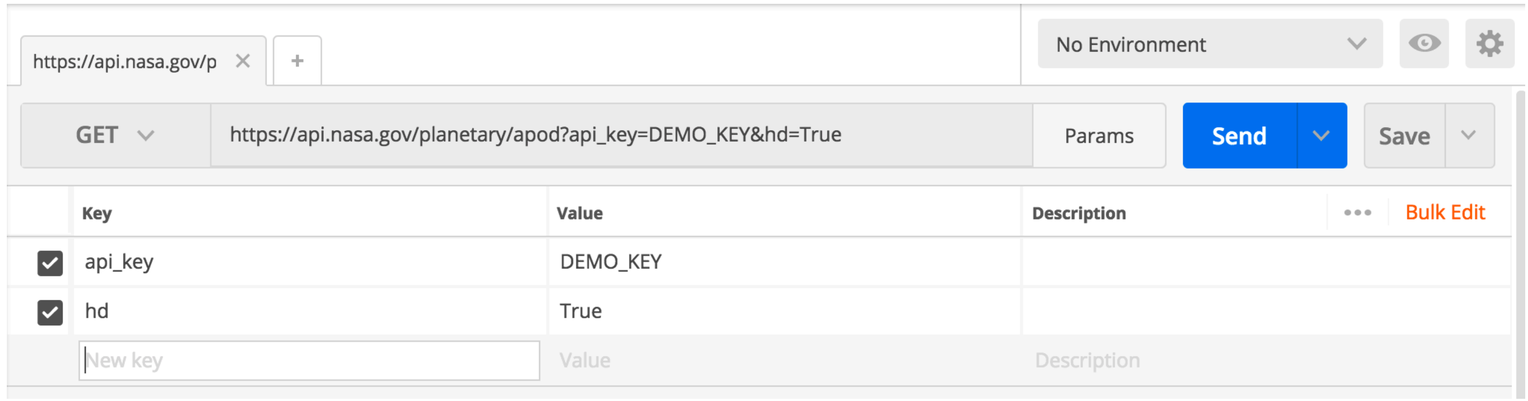
REQUEST FIELD:

- **URL input filed**
- **method:** GET, POST, PUT, PATCH, DELETE... (more in the dropdown menu)

DATA EDITOR:


Params
Authorization
Headers (7)
Body
Pre-request Script
Tests
Settings
Cookies
Code
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL BETA
This request does not have a body
Body
Cookies
Headers (3)
Test Results
Status: 200 OK
Time: 28ms
Size: 201 B
Save Response
Pretty
Raw
Preview
Visualize BETA
JSON
{
"messages": [
{
"id": 1,
"name": "James Dean",
"subject": "Booking enquiry"
}
]
}

- **Params tab:** When you add key-value pairs, Postman combines everything in the query string



- **Authorization tab:** includes parameters to ensure the request has permission to access and return the data
- **Headers tab:** headers key-value editor
- **Body tab: t**ext that gets send with the request (text, JavaScript, JSON, HTML, XML)
- **Pre-request Script:** script that are executed before the request is sent
- **Tests:** JavaScript code executed after the request is sent

02

HTTP METHODS

HTTP Methods for RESTful APIs

POST	Insert data
GET	Read data
PUT	Update/replace
PATCH	Partial update/modify
DELETE	Delete data

03

HTTP METHODS

Status codes

200	OK
202	Accepted
400	Bad request
401	Unauthorized
403	Forbidden
500	Internal error

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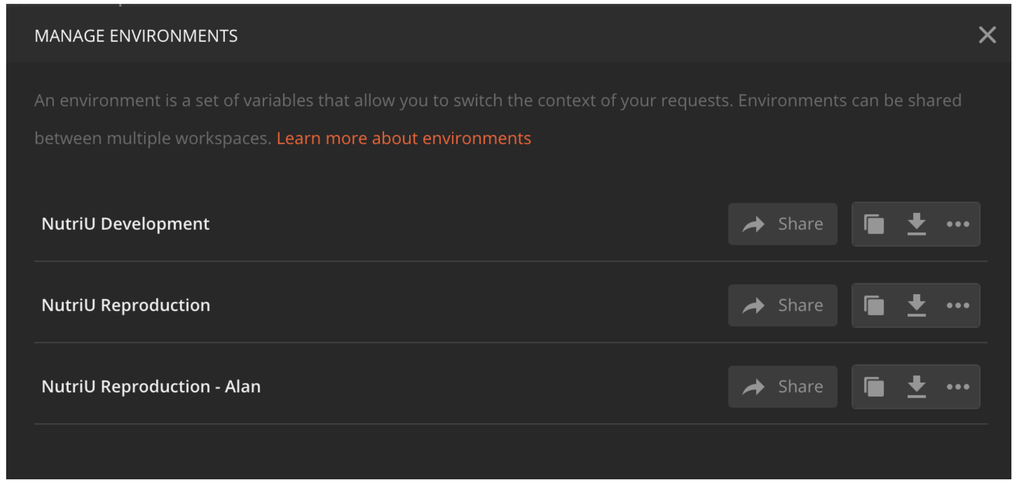
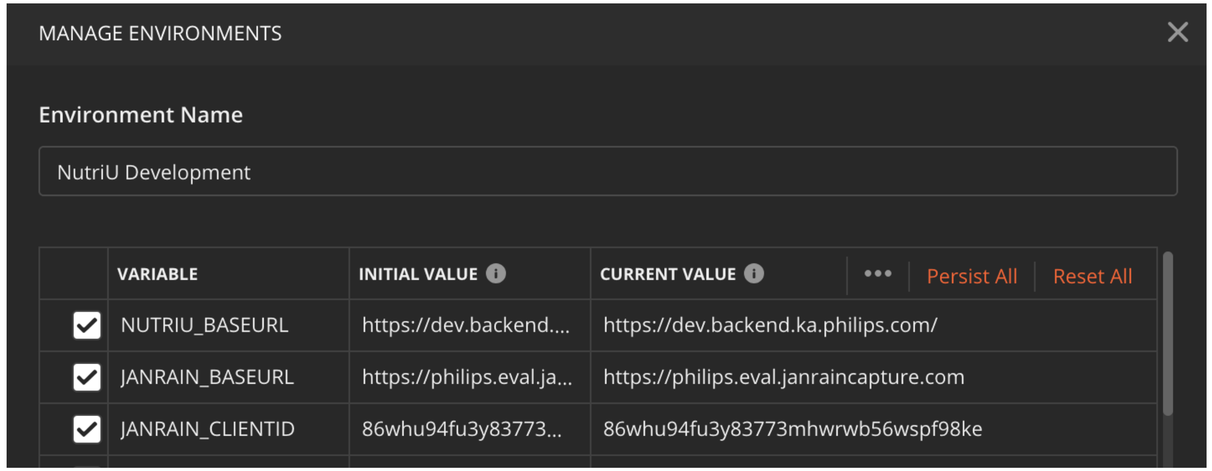
ENVIRONMENTS AND ENVIRONMENT VARIABLES

- **Definition:** An environment is a set of key-value pairs (key represents the name of the variable)
  - Environments let you customize requests using variables to switch between different setups without changing your requests

- **Creating a new environment:**
  - Manage Environments icon -> Add

Examples of environments:





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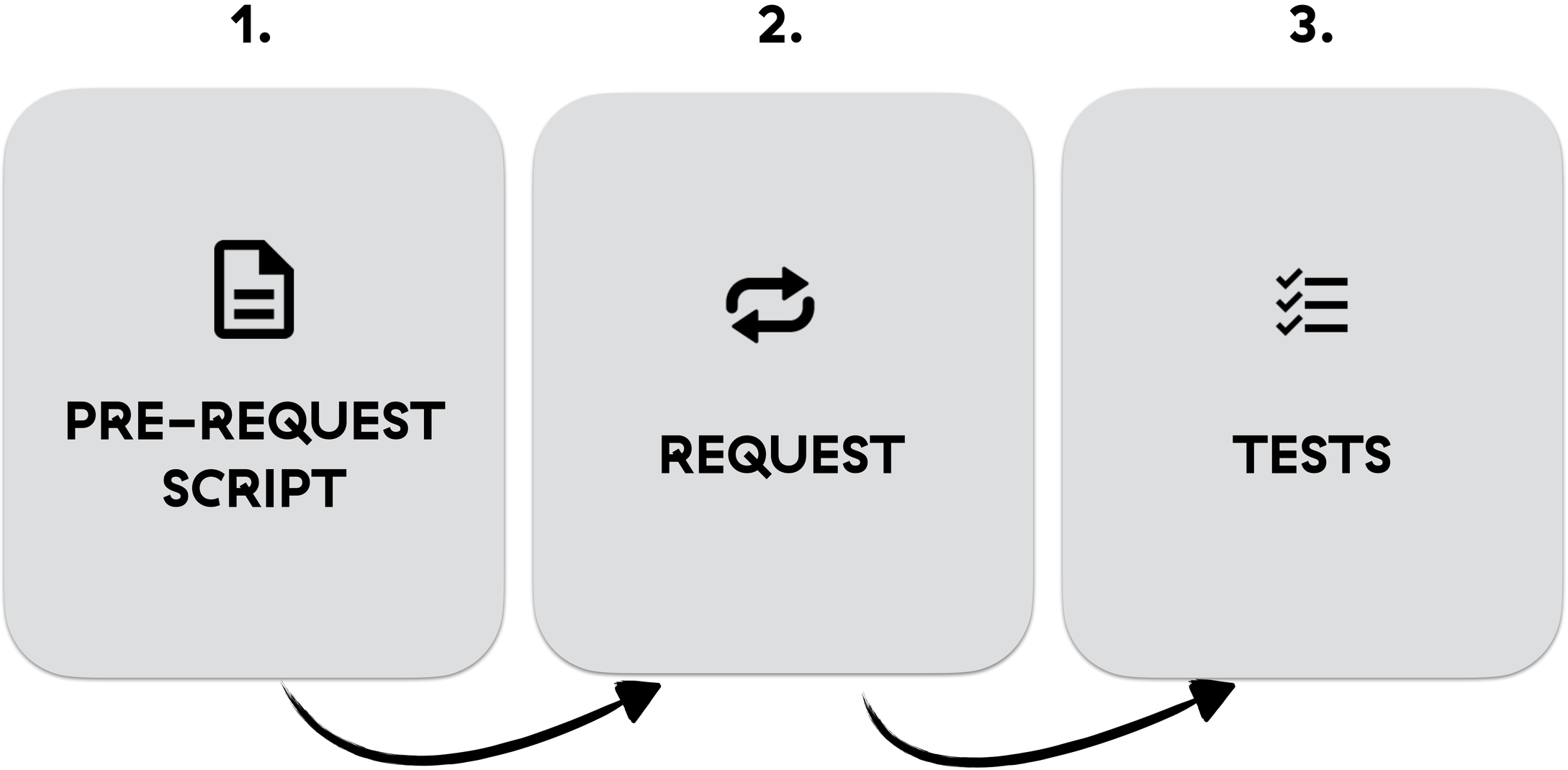
FLOW


1.
2.
3.
PRE-REQUEST SCRIPT
REQUEST
TESTS

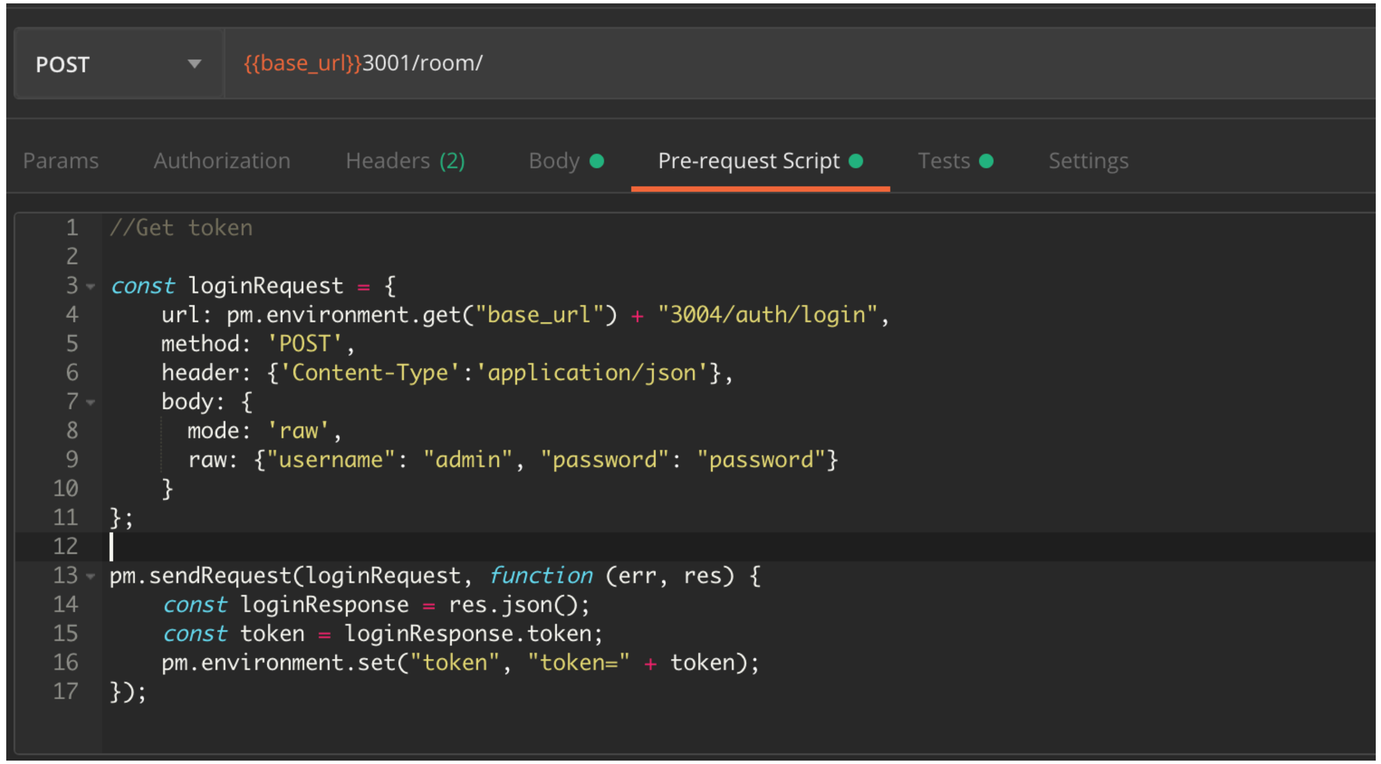
06

PRE-REQUEST SCRIPTS

- **Definition:** snippets of code associated with a collection request that are executed before the request is sent
- **Creating a new pre-request script:**

  (You can add pre-request scripts to a collection, a folder, or a single request within a collection:)

  - Open any request -> tab **Pre-request Script**



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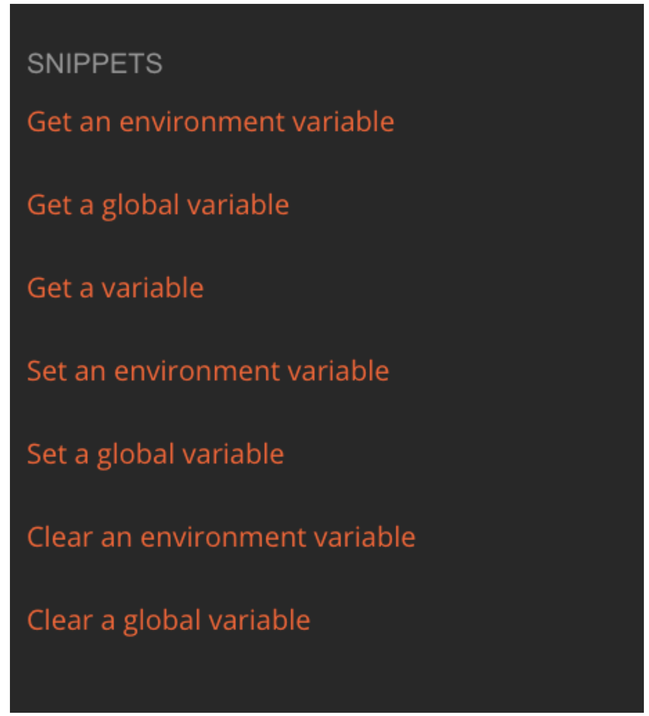
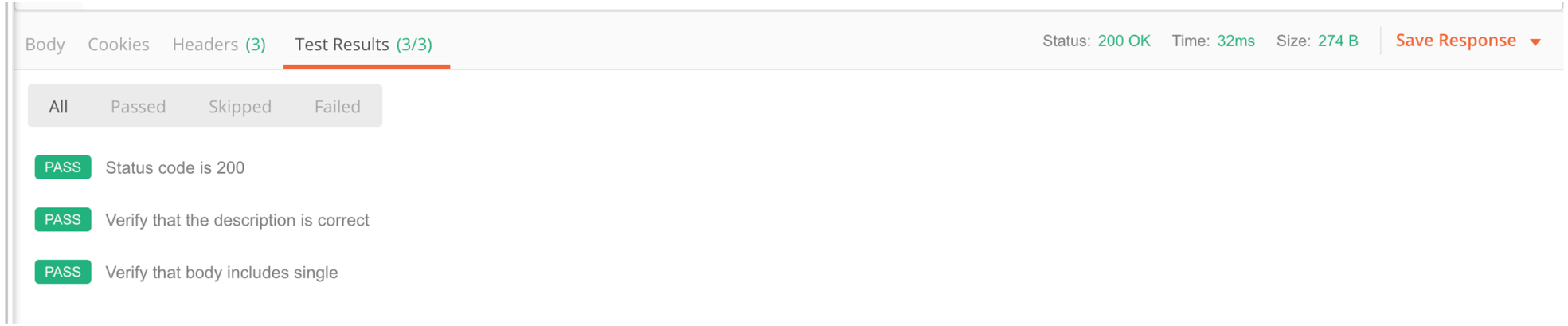
TESTS

- With Postman you can write and run tests for each request using the JavaScript language.
- You can add as many tests as needed, depending on how many things you want to test for
- Postman runs tests every time you run a request



- Results are displayed in a Test Results tab under the response viewer