

Topics: All Topics ▾

TESTING TOOLS

Api Automation Using Postman Tools

Sumaiya 12 Mar 2024 1 110 0

Share



POSTMAN

Automating APIs using Postman can be done using Postman's built-in functionalities for creating and running collections and tests. Here's a step-by-step guide on how to automate APIs using Postman:

- 1. Install Postman:** If you haven't already, download and install Postman from the official website.
- 2. Create a Collection:** Open Postman and create a new collection by clicking on the "New" button on the top left corner, then selecting "Collection". Name your collection appropriately.
- 3. Create Requests:** Within your collection, create requests for the APIs you want to automate. Click on "New" and then "Request". Enter the request details such as method (GET, POST, etc.), endpoint URL, headers, parameters, and body as required.
- 4. Organize Requests:** Organize your requests within the collection by grouping them logically based on their functionalities.
- 5. Create Tests:** Postman allows you to write tests for each request. Tests can be written in JavaScript and are executed after sending the request. To create tests, go to the "Tests" tab in the request editor. Write your tests using the Postman test scripting syntax.

the "Manage Environments" button in the top right corner of the Postman window.

7. Run Your Collection: Once you have created your requests and tests, you can run the entire collection by clicking on the "Runner" button in the top right corner. Select the collection you want to run, choose the environment (if any), and click "Start Run". Postman will execute each request in the collection and display the results.

8. View Results: After running the collection, you can view the results of each request and test in the Postman interface. You can see details such as request/response headers, body, response status code, test results, etc.

9. Automate with Postman Monitors (Optional): Postman Monitors allow you to schedule and run collections at specific intervals automatically. This is useful for continuous testing and monitoring of APIs. You can create monitors from the Postman Dashboard.

By following these steps, you can effectively automate APIs using Postman, saving time and effort in testing and monitoring your APIs.

[Share your thoughts](#)

Or

[Start discussion](#)

Related Blogs



TESTING TOOLS

0 likes 0 comments 274 views

[SonarQube Testing: The Secret to Bug-Free Code!](#) ↗



TESTING TOOLS

0 likes 0 comments 276 views

[Kreya API Testing Series – Part 2: Moving Beyond the Basics](#) ↗



Popular Tags

[sqa](#)[testing](#)[qa](#)[software testing](#)[qabrain](#)[testing tool](#)[automationtesting](#)[softwaretesting](#)[mobiletesting](#)[selenium](#)[View All](#)

Popular Post



Can a Software Tester Become a Game Tester? Here's What You Need to Know

As the gaming industry continues to grow, fueled by innovations in virtual reality and mobile gaming, the demand for skilled game testers is increasing.



Understanding Java Object-Oriented Programming (OOP) Concepts

Java is a powerful and widely used programming language known for its versatility and scalability.



Essential Bugs to Check for in Game Testing: A Guide for Beginners

Game testing is crucial to ensure a smooth, engaging, and bug-free experience for players.



JMeter: Short technique for Generating an HTML load test report using...

Pre-requisites: Install Java: Java Version: "1.8.0_291" or higher (minimum requirement).

[View All](#)

Popular Discussion

01 Top Software Testing Interview Questions and Expert Tips from QA Leaders

02 AI tools for QA engineer

03 What is SQL?

05 What are the most effective strategies you've found for balancing speed and...

[View All](#)

QA Brains

QA Brains is the ultimate QA community to exchange knowledge, seek advice, and engage in discussions that enhance Quality Assurance testers' skills and expertise in software testing.

QA Topics

[Web Testing](#)

[Interview Questions](#)

[Game Testing](#)

[See more →](#)

Quick Links

[Discussion](#)

[About Us](#)

[Terms & Conditions](#)

[Privacy Policy](#)

Follow Us



For Support

support@qabrainz.com