advAPI

Advanced API Automation with Postman

Advanced API Automation with Postman

advAPI - Version: 1

🕐 1 days Course

Description:

If you've been using Postman for a while, you know it's very useful for calling APIs, and testing them. Its strong visualization features make it the modern tool of choice.

But using it can be time consuming and error prone. As good as a tool it is, you still got work to do in planning, execution and reporting your tests.

Postman's automation and productivity features can help you with those, along with extending your coverage. Postman has a lot of them, including an AI assistant.

This 1-day workshop is intended for Postman users, who already know the basic features, understand APIs and are ready for speeding up their work, and increasing their testing skills.

At the ned to this workshop, will be able to: Automate workflows of API requests ; Write and run tests ; Integrate Postman with external services ; Use Postman for API exploration testing ; Understand Postman's advanced feature set

Intended audience:

Manual testers / QA who already use Postman for manual API testing

Prerequisites:

Manual testing experience
Knowledge of REST APIs
Experience using Postman to make requests

Objectives:

Topics:

Postman automation

- Chaining requests
- Using variables between calls
- Pre- and Post- requests code
- Tests in Postman
- Data-driven automation

Postman integration

- Calling external services
- CLI integration with Newman
- GitHub Action integration
- OpenAPI integration

Exploratory Testing with Postman

- Introduction to exploration in testing
- Session-based testing
- Using charters
- Using Postman for API exploration
- Preparations and reporting

Advanced scenarios

- Capturing HTTP/S requests using proxies
- Code generation of calls and server code

- Using PostBot, the AI assistant