Rest API testing with Postman

The Basics of Using Postman for API Testing

Postman is a powerful tool used to test web services and APIs. It allows you to create a request with the required HTTP method and parameters, submit the request, and inspect the results.

This course will use the Postman testing tool to teach you API testing. You will use Postman to find bugs and aid in efficient API development. Create requests and building simple workflows with Postman. Additionally, it will show you how to set up test suites in Postman that can be re-used for regression testing as a project grows.

By the end of this course, you will be able to write automated API tests and have a good grasp of how to test an API. You will know how to use Postman as you work with APIs in various capacities and you will have confidence in your ability to take part in creating high-quality APIs.

Who this course is for :

• Anyone who wants to learn Postman from scratch
• Anyone who wants to learn API execution & testing with Postam
• Beginners in Postman API testing

Détails

* Code : POSTMAN-EN
* Durée : 2 jours (14 heures)

Public

* Anyone

Pré-requis

* Fundamental computer skills are sufficient to get up this course.

Objectifs

* How to download and install Postman
* Understand Postman GUI
* Create Collections, Variables, Environments and Tests
* Do Data Driven Testing
* Run Postman collections and requests from command-line and Jenkins

Programme

Web Services testing
* Reminder on Web Services
* Why do we test web services?
* Presentation of Postman

Implementation of Postman
* Install and configure Postman
* Tour of Postman features
* Create requests and collections

Functional tests
* Create Variables, Environments and Tests

* Drive tests from data with Postman

Advanced automation
* Sharing Code Between Tests in Postman
* Mocking with Postman
* Running Tests Using Newman

Practical exercises
* Exercises to practice what you learned.

Note
* This is subject to change in order to adapt to the target audience

Modalités

* Type d'action :Acquisition des connaissances
* Moyens de la formation :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
* Modalités pédagogiques :Exposés – Cas pratiques – Synthèse

- Validation : Exercices de validation – Attestation de stages