

Training Course Content

Test Automation Basic Overview

Duration : 2 days

Languages : EN & FR

During this training, you will have the opportunity to get an overview and practice test automation at different test levels (unit testing, integration testing, acceptance testing).

Learning Objectives

This course offers to participants:

- To understand what can be automated in the context of Tests
- To understand the approach of Test Automation
- To discover thanks to practice the implementation of an automated execution of Tests (unitary Tests, Test integration, Test acceptance).

Pre-requisites

An experience as a Tester is recommended.

Audience

This training is addressed to people directly involved in the management of Tests:

- Testers
- Developers

Course Content

1. Test Automation

- When is the automation applicable or necessary?
- What test activities can be automated?
- What is the process of test automation?
- What are the benefits and risks?
- Good practices

2. Unitary Tests

- Tools (the XUnits)
- TDD
- Exercises

3. Test integration

- What is the point of making Tests integration?
- Practical applications
- Exercises with Postman

4. Tests acceptance

- Concepts
- Selenium and XPath
- BDD and Cucumber
- Exercises

Practical exercises

This training consists of practical exercises to illustrate the subjects discussed and provides trainees with the opportunity to learn through practice.

Trainer skills

Our experts who run our training courses or those we organize with a partner are specialists in the subjects covered. They are validated by our internal teams, both in terms of business knowledge and pedagogy, for each course they teach. They have at least five to ten years of experience in their field and hold or have held positions covering business topics.