

Training Course Content

Testing web services with SoapUI

Duration : 2 days

Languages : EN & FR

SoapUI is an Open Source application which allows users to Test web services. This tool provides the inspection of web services, the innovation, mocking but also functional tests.

Learning Objectives

During this course, the participants will learn:

- Web service testing ethics
- Different modules of web services
- Right tools for the right test
- Practical discussion on web service applications
- Service oriented architectures
- Methods and strategies of testing analysis
- Functionality of the automated tasks

Pre-requisites

There are no prerequisites for this SoapUI course. Fundamental computer skills are sufficient to get up this course. If you know the concepts of writing test cases or manual testing concepts then it's an added advantage to you.

Audience

This training has been prepared for beginners to help them understand how to use the SoapUI tool.

- QA engineers
- Testers and test developers involved in testing software and web service APIs

Course Content

Hereby the training program. Note this is subject to change in order to adapt to the target audience.

1. Test Web Services

- Reminders on Web Services
- The tests of Web Services
- Presentation of SoapUI

2. Implementation of SoapUI

- Install and configure SoapUI
- SoapUI Features
- Service Mocking functionality in SoapUI
- Traffic going from SoapUI
- SoapUI Pro
- Security Management

3. Functional tests

- Test Scenarios (TestCase and TestSuite)
- Tests Configuration (properties, timers ...)
- Use of control points (assertions)
- Test Data Management

4. Performance tests

- Define test scenarios (objectives, strategies)
- Load & Performance Test Plan
- Test Environments

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.