

## Automating web tests with Katalon

Katalon Studio is an open source framework based on Selenium and Appium that automates API testing as well as web or mobile application testing by interacting with different browsers. Integrating many features (report generation, data-driven tests, GIT, repository of plugins ...), Katalon is particularly appreciated for its execution time, for the flexibility of its tests as well as for its reliable recognition of objects.

Beyond the tool, this Katalon training aims to give you a reusable work methodology in the context of professional test projects.

### Détails

- **Code** : -UK
- **Durée** : 2 jours ( 14 heures )

#### Public

- Developers
- Test analysts
- Testers

#### Pré-requis

- Have a good knowledge of the test process. Knowledge in Web programming are an advantage to follow the training but not mandatory.

### Objectifs

- Implement test automation with Katalon
- Automate the testing of web applications
- Know the architecture and operation of the Katalon Studio suite of tools
- Capture cases and organize them into test suites, then replay them using Katalon Recorder
- Know the advanced options, design and optimize Katalon Studio tests

### Programme

#### Introduction of Katalon Studio

- About Katalon
- Installation of Katalon Studio

#### First steps with Katalon Recorder

- First Step
- Identification of elements
- Maintenance of a test script
- Store values with Katalon Recorder
- Check with Katalon Recorder
- Logical actions with Katalon Recorder
- Data driven execution
- Katalon Recorder in an asynchronous environment
- Export with Katalon Recorder

#### First steps with Katalon Studio

- Discovery of the interface
- The Object Repository
- The Object Spy
- Modification of a Test Case
- Maintenance of Test Cases
- Organize the test execution
- Make verifications

- Make loops with Katalon Studio

#### Practical Work

Our practical work is integrated throughout the theoretical sessions

- Capture and replay test cases then test suites
- Resume and optimize the cases then the test suites
- Pilot the tests by keywords and data

#### Practice Exercises

This training is accompanied by exercises and practical work designed for easy understanding of important concepts.

#### Trainer Skills

The experts who run our training courses or those we organize with a partner are specialists in low-cost materials. 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 topics in business.

### 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