

## Selenium Course

 Duration: 1 Days

 Available Languages: English German

### Audience

Developers and Testers who want to test applications with browser front-ends.

### Precondition

Attendees should be familiar with Java, (X)HTML, and a bit of CSS and JavaScript.

### Goals

Learn how to setup and use Selenium for testing web applications.

### Contents

- Why automation is important?
- Selenium Overview
  - What is Selenium?
  - Why Selenium?
  - History
- Selenium Tool Suit / Selenium Components
  - Selenium Integrated Development Environment (IDE)
  - Selenium Remote Control (RC) i.e. Selenium 1
  - WebDriver i.e. Selenium 2, 3
  - Selenium Grid
- Selenium WebDriver
- Test Design
  - Types of Tests
  - Validating results (Assert vs Verify)
  - Location strategies
- Synchronizing Tests
- BDD
- Page Object Design Pattern
- Data Driven Testing
- Testing Applications on Mobile Browsers using Appium

### Booking

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