

Metaforum Technologies! Selenium Testing

Learn from Experts

[Selenium Testing Course](#)

About Metaforum Technologies

Metaforum Technologies is a growing Training Company providing classroom and Instructor-Led Interactive Online Training. We cater to Professionals and students across India and other countries in categories like Testing, Big Data, Digital Marketing, Apps Development, and Programming.

We provide interactive, hands-on and affordable training that is accessible to learners across the country. We collaborate with industry experts to design and deliver our classes with live exposure to best industry practices.

About The Course



Selenium is used for automating Web Applications. It is widely used across all the industries because of its wide range of flexibility with programming languages, operating systems and support for most of the browsers. You can automate almost any web application using Selenium. This course provides full coverage of Selenium, Selenium IDE, Selenium RC, Selenium WebDriver and Selenium-Grid. You will learn to work with Data Driven Framework and Keyword Driven Framework and perform Cross browser testing. You will learn to perform tests on multiple machines simultaneously running on different Operating Systems. You will also learn to integrate other frameworks like JUnit and TestNG with Selenium. As a complimentary course we provide free JAVA Training.

Metaforum Technologies! Selenium Testing

Learn from Experts

SELENIUM SYLLABUS

Introduction

- Test Automation for Web Applications
- To Automate or Not to Automate?
- Introducing Selenium
- Brief History of The Selenium Project
- Selenium's Tool Suite
- Choosing Your Selenium Tool
- Supported Browsers and Platforms
- Flexibility and Extensibility
- What's in this Book?
- The Documentation Team—Authors Past and Present

Selenium-IDE

- Introduction
- Installing the IDE
- Opening the IDE
- IDE Features
- Building Test Cases
- Running Test Cases
- Using Base URL to Run Test Cases in Different Domains
- Selenium Commands – “Selenese”
- Script Syntax
- Test Suites
- Commonly Used Selenium Commands
- Verifying Page Elements
- Assertion or Verification?
- Locating Elements
- Matching Text Patterns
- The “AndWait” Commands
- The waitFor Commands in AJAX applications
- Sequence of Evaluation and Flow Control
- Store Commands and Selenium Variables
- JavaScript and Selenese Parameters
- echo - The Selenese Print Command
- Alerts, Popups, and Multiple Windows
- Debugging

Metaforum Technologies! Selenium Testing

Learn from Experts

- Writing a Test Suite
- User Extensions
- Format
- Executing Selenium-IDE Tests on Different Browsers
- Troubleshooting

Selenium 2.0 and WebDriver

- Selenium 2.0 Features
- The Selenium Server – When to Use It
- Setting Up a Selenium-WebDriver Project
- Migrating from Selenium 1.0
- Getting Started With Selenium-WebDriver
- Introducing WebDriver's Drivers
- Commands and Operation
- Driver Specifics and Tradeoffs
- WebDriver-Backed Selenium-RC
- Selenium WebDriver Wiki
- Next Steps

WebDriver: Advanced Usage

- Explicit and Implicit Waits
- RemoteWebDriver
- AdvancedUserInteractions
- Browser Startup Manipulation
- HTML5
- Parallelizing Your Test Runs

Selenium 1 (Selenium RC)

- Introduction
- How Selenium RC Works
- Installation
- From Selenese to a Program
- Programming Your Test
- Learning the API
- Reporting Results
- Adding Some Spice to Your Tests
- Server Options
- Specifying the Path to a Specific Browser
- Selenium RC Architecture

Metaforum Technologies! Selenium Testing

Learn from Experts

- Handling HTTPS and Security Popups
- Supporting Additional Browsers and Browser Configurations
- Troubleshooting Common Problems

Test Design Considerations

- Introducing Test Design
- Types of Tests
- Validating Results
- Location Strategies
- Wrapping Selenium Calls
- UI Mapping
- Page Object Design Pattern
- Data Driven Testing
- Database Validation

Selenium-Grid

User-Extensions

- Introduction
- Actions
- Accessors/Assertions
- Locator Strategies
- Using User-Extensions With Selenium-IDE
- Using User-Extensions With Selenium RC

[Selenium Testing Course](#)