

Selenium is about automating testing in browsers. We'll show you how to automate testing for web applications, including some of the administrative tasks. Over the past several years, Selenium has developed several different methods of automating tests, and integrating those test with your other automated testing. This 2-day course gives you a handle on how to approach all of them.

Course Objectives:

- Understand why and when to use Selenium Learn to install and setup Selenium
- Gain experience using Web Driver and writing unit tests in Selenium

Audience: Software testers who are seeking to automate the testing of web applications using Selenium.

Prerequisites: Users should have light testing experience.

Number of Days: 2 days

<p>1 An Overview of Selenium Web Testing Web Testing Automation A History of Selenium</p>	<p>5 Selenium Remote Control What is it? How is it different from Web Driver? Why would you use it? Setup Language choices Writing tests with RC Running tests with RC Using Client Libraries Reporting</p>
<p>2 Automated Web Testing Goals Assertion/Verify Locating Elements Matching Waiting Storing Javascript Multi-Window support Debugging Test Suites</p>	<p>6 Techniques for Testing What Tests? When? Best Practices for Testing Your Apps Best Practices and Patterns Toolbox</p>
<p>3 Selenium IDE Installation and Setup Building Tests Running Tests Selenium Commands Building Tests with Selenium IDE Running Tests with Selenium IDE</p>	<p>7 Selenium Grid What is it? Why would you do it? How do you set it up? Configuration Common Errors</p>
<p>4 Selenium Web Driver What is it? Setup Underlying behavior Language choices Writing tests with Web-Driver Running tests with Web-Driver</p>	<p>8 Selenium in Real Life Issues Continuous Integration</p>