

Professional Skills
Agile Fundamentals
Jira
Git
Databases Introduction
Java Beginner
Maven
Testing (Foundation)
Java Intermediate
HTML
CSS
Javascript
Spring Boot
Selenium <ul style="list-style-type: none">What is Selenium?Selenium IDEWebdriversOpening A Web Browser With SeleniumBrowser manipulationInteracting With Elements In SeleniumThe POM Design PatternActionsWaits
Sonarqube
Advanced Testing (Theory)
Cucumber
MongoDB
Express
NodeJS
React

Selenium IDE

Contents

- [Overview](#)
- [Tutorial](#)
- [Exercises](#)

Overview

Selenium IDE is an open source record and playback test automation tool. It literally allows you to "capture" the steps you want to automate, and then lets you play it back.

While it can be good for quick prototyping it is not an all-in-one solution for web testing.

The downside is that it is not easily parameterised for other values, affecting the reusability of the tests.

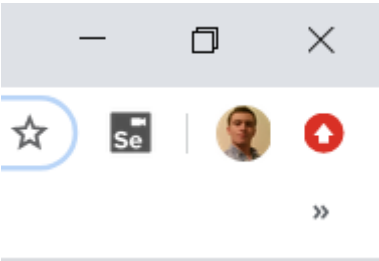
The find by values are also hard-coded, meaning that if there is a change to the layout of a Web page, it could cause your tests to fail.

Tutorial

This tutorial will be guiding you through how to use *Selenium IDE* in Google Chrome.

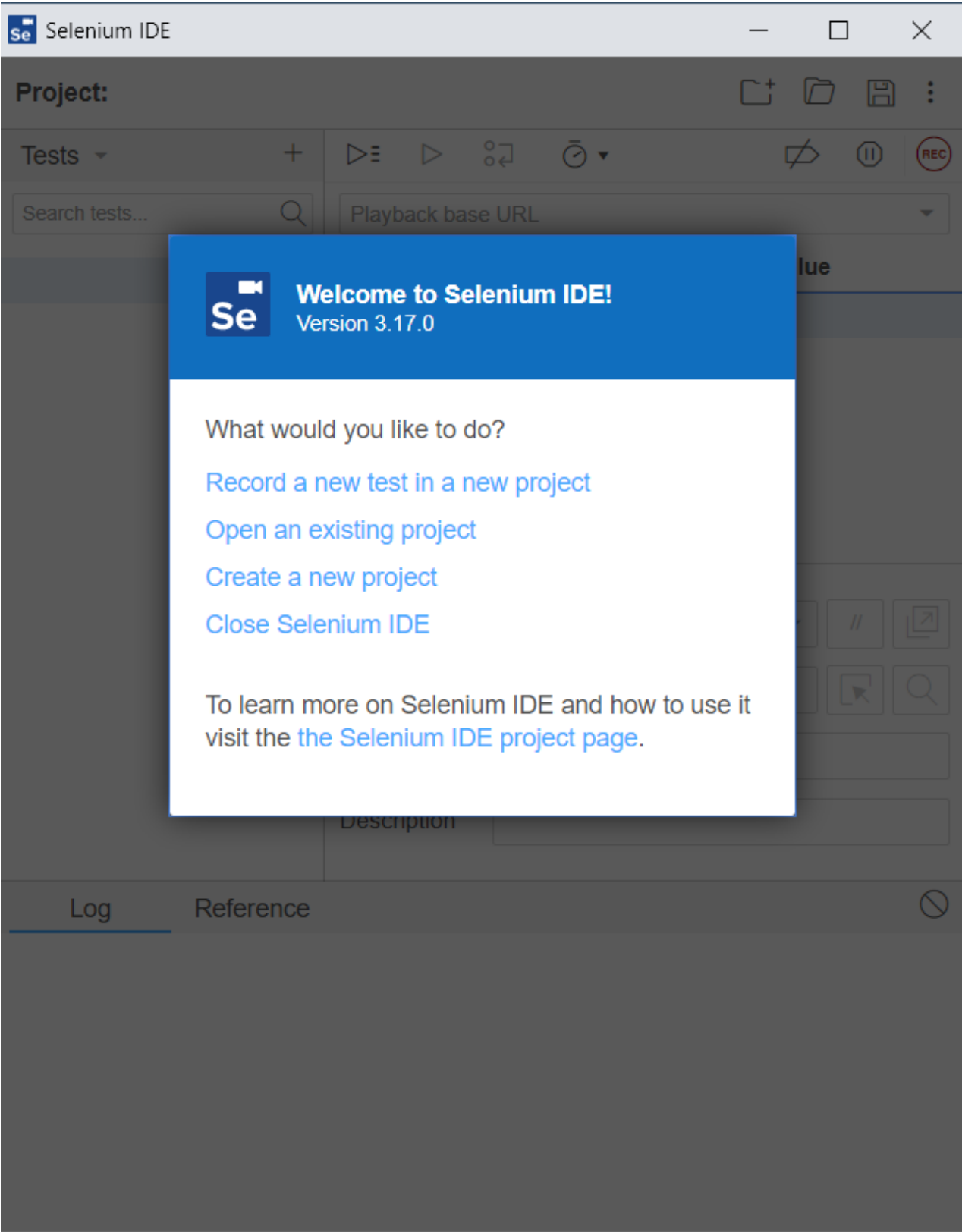
First navigate to the [download page](#), click on **Chrome Download**, then "Add to Chrome".

You should see a a Selenium extension in your Chrome browser in the top-right corner:



Click on the extension and you should see this menu:

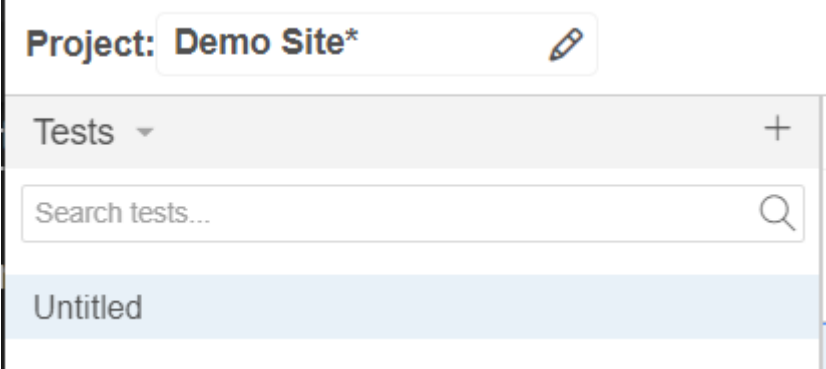
Express-Testing
Networking
Security
Cloud Fundamentals
AWS Foundations
AWS Intermediate
Linux
DevOps
Jenkins Introduction
Jenkins Pipeline
Markdown
IDE Cheatsheet




Select "Create a new project" and call it "Demo Site".

Inside this project there will already be an "Untitled" test case.

(If you don't see this, under the project name, make sure you have selected "Tests".)



To rename the Untitled test case, place your cursor on "Untitled" and move it to the right until it is under the magnifying glass until an options button appears, then select "Rename". Rename this test case to "Add a user".


On the right hand side of the Selenium IDE, click the  button on the right hand side.


It will ask you for a base url. The Web site this tutorial will be testing is [the demo site](#).

Once this is entered, it will open up a new window which will record all your steps:

1. Click on "3. Add a User" in the nav bar
2. Enter username "guest" and password "guest"

3. Click Save
4. Click "4. Login" in the nav bar
5. Enter the username "guest" and password "guest"
6. Click Test Login
7. Highlight **Successful Login** and right click
8. Under Selenium IDE > Assert > Text

When these steps are completed go back to the Selenium IDE and click the stop button .

After that is completed press the play button to playback what was captured .

You should see Selenium go through the same process as you did.

Exercises

Automate the following process with Selenium IDE:

- Search google for kittens
- Go to images
- Check the title of the Web page