

Mastering Selenium Testing Tools

Thomas Sundberg and Ripon Al Wasim

Section 2

Selenium IDE



In this Section, we are going to take a look at...

- Selenium IDE
 - Quick introduction
 - Installation
 - Record a journey
 - Replay the recorded script
 - Check the verification

In this Section, we are going to take a look at...

- Selenium IDE
 - Pros and Cons of Selenium IDE
 - Difference between verify and assert
 - Editing scripts
 - Export a script to a programming language
 - Test Suite
 - Uninstalling
 - Summary

In this Video, we are going to take a look at...

- Selenium IDE
 - What is a Selenium IDE
 - Why should we be using the Selenium IDE
 - How to do it and how it works
- Installation

What Why How...

Selenium IDE



What Why How...

Name

Selenium IDE

ID



xpath

CSSSelector

Installing Selenium IDE...

- <http://docs.seleniumhq.org/>
- <http://docs.seleniumhq.org/download/>



[edit this page](#)

search selenium:

Go

Projects

Download

Documentation

Support

About

What is Selenium?

Selenium automates browsers. That's it! What you do with that power is entirely up to you. Primarily, it is for automating web applications for testing purposes, but is certainly not limited to just that. Boring web-based administration tasks can (and should!) also be automated as well.

Selenium has the support of some of the largest browser vendors who have taken (or are taking) steps to make Selenium a native part of their browser. It is also the core technology in countless other browser automation tools, APIs and frameworks.



Which part of Selenium is appropriate for me?

Selenium WebDriver



If you want to

- create robust, browser-based regression automation suites and tests
- scale and distribute scripts across many environments

Selenium IDE



If you want to

- create quick bug reproduction scripts
- create scripts to aid in automation-aided exploratory testing

Selenium is a suite of tools

to automate web browsers across many platforms.

Selenium...

- runs in [many browsers](#) and [operating systems](#)
- can be controlled by [many programming languages](#) and [testing frameworks](#).



[Donate to Selenium](#)

File Edit View History Bookmarks Tools Help

Downloads

docs.seleniumhq.org/download/

Servlet to move the mouse on the NODE Version: N/A
Author: David Burns
License: Unknown
This plugin is made of 2 parts, a servlet that lives on the NODE machine and does the actual moving of the mouse, and an extension of the Selenium Grid, to send an HTTP request to the servlet before a test session is started.

Allow

VisGrid-UI for Selenium Grid 2.0

Links: [VisGrid-UI for Selenium Grid 2.0](#) Released: 2014
Author: [Codoid](#) Version: 1.0
License: Apache License/Free
VisGrid is a GUI for Selenium Grid. You can start hub, create and attach a Selenium node very easily and quickly.

Selenium IDE

Selenium IDE is a Firefox plugin which records and plays back user interactions with the browser. Use this to either create simple scripts or assist in exploratory testing. It can also export Remote Control or WebDriver scripts, though they tend to be somewhat brittle and should be overhauled into some sort of Page Object-y structure for any kind of resiliency.

Download latest released version [2.9.0](#) released on 09/Mar/2015 or view the [Release Notes](#) and then [install some plugins](#).

Download previous version [2.8.0](#) released on 29/Sep/2014.

Selenium IDE Plugins

Selenium IDE can be extended through its own plugin system. Here are a number of plugins that have been created using it. For more information on how to create your own plugin or have it listed, see the [plugin tutorial page](#).

Please note that these are not supported by the Selenium project and all issues need to be raised with the relevant developers.

Selenium IDE Plugins (that provide new / improved features)

Favorites

[PACKT] VIDEO

File Edit View History Bookmarks Tools Help

Downloads Add-ons Apps Set Up Sync... Web Developer Page Info Options Selenium IDE Ctrl+Alt+S

Downloads Ctrl+J Add-ons Ctrl+Shift+A

Search

Serviet to move the mouse on the NODE Version: N/A Author: David Burns License: Unknown This plugin is made of 2 parts, a servlet that lives on the NODE machine and does the actual moving the mouse, and an extension of the Selenium Grid, to send an HTTP request to the servlet before a new test session is started.

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Download previous version [2.8.0](#) released on 29/Sep/2014.

Selenium IDE Plugins

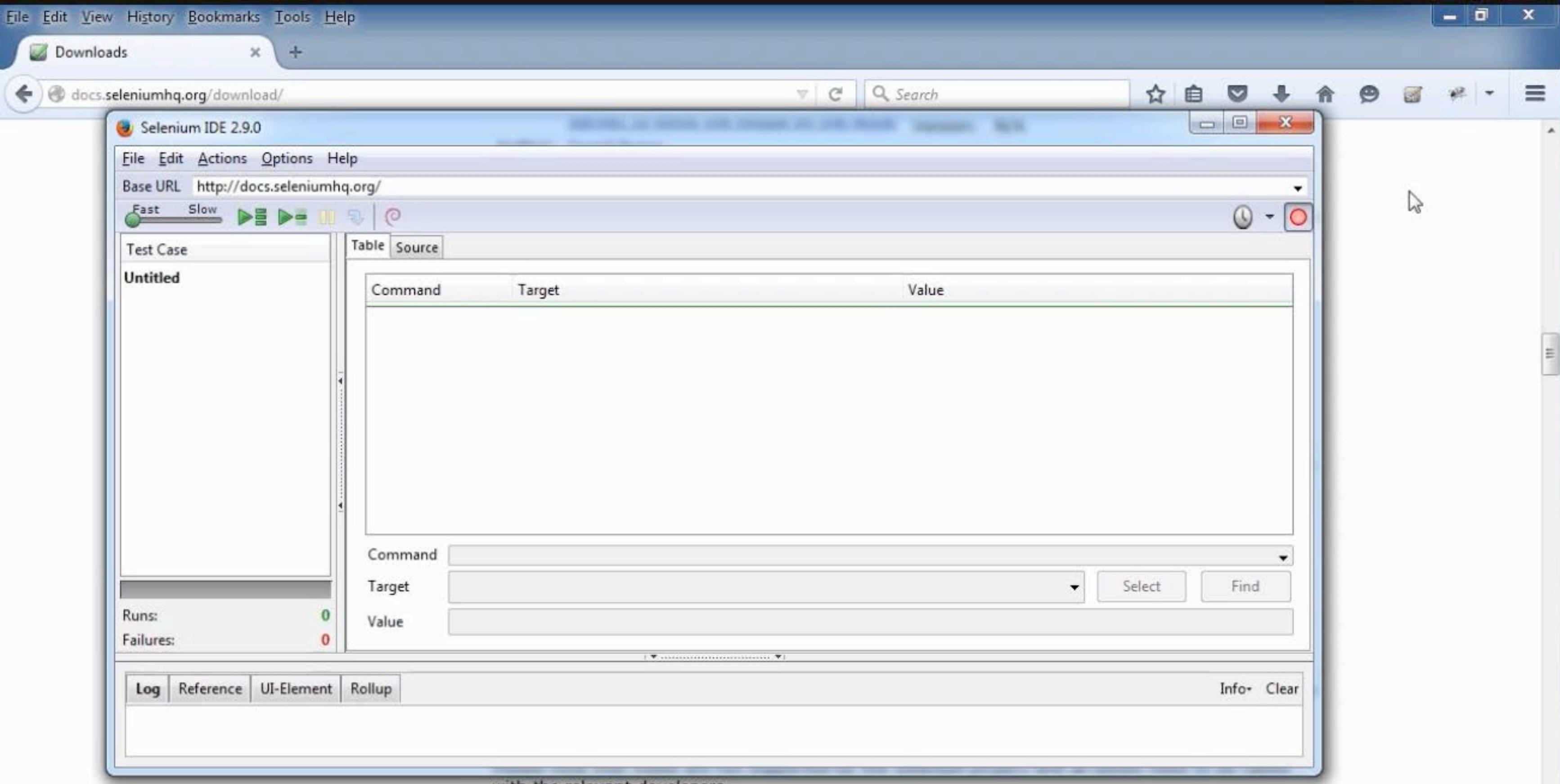
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Please note that these are not supported by the Selenium project and all issues need to be raised with the relevant developers.

Selenium IDE Plugins (that provide new / improved features)

Favorites

[PACKT] VIDEO



Selenium IDE Plugins (that provide new / improved features)

Favorites

Next Video

Putting the Selenium IDE to Use

Mastering Selenium Testing Tools

Thomas Sundberg and Ripon Al Wasim

Video 2.2

Putting the Selenium IDE to Use



0:02 / 3:29

In this Video, we are going to take a look at...

- Record a journey
- Replay the recorded script
- Check the verification

File Edit View History Bookmarks Tools Go to Dashboard

Section 2, Lecture 6 New Tab

Search or enter address

Search

SeleniumHQ

What is Selenium?

Selenium automates browsers. That's it: what you do with that browser depends on you. Probably, it's for automating web applications for testing purposes, but it certainly isn't limited to just that. Being web-based, automation tasks can (and should) also be automated as well.

Selenium has the support of some of the largest browser vendors who have taken part in making sure to make Selenium a native part of their browser. It's also the core technology in countless other browser automation tools, APIs and frameworks.

Which part of Selenium is appropriate for me?

Selenium WebDriver Selenium IDE

If you want to:

- create robust, browser-based regression automation suites and tests
- reuse and share code across multiple projects

docs.seleniumhq.org

Know more. Do more. Do better.

Mozilla Community

Sponsored

Get Firefox for Android

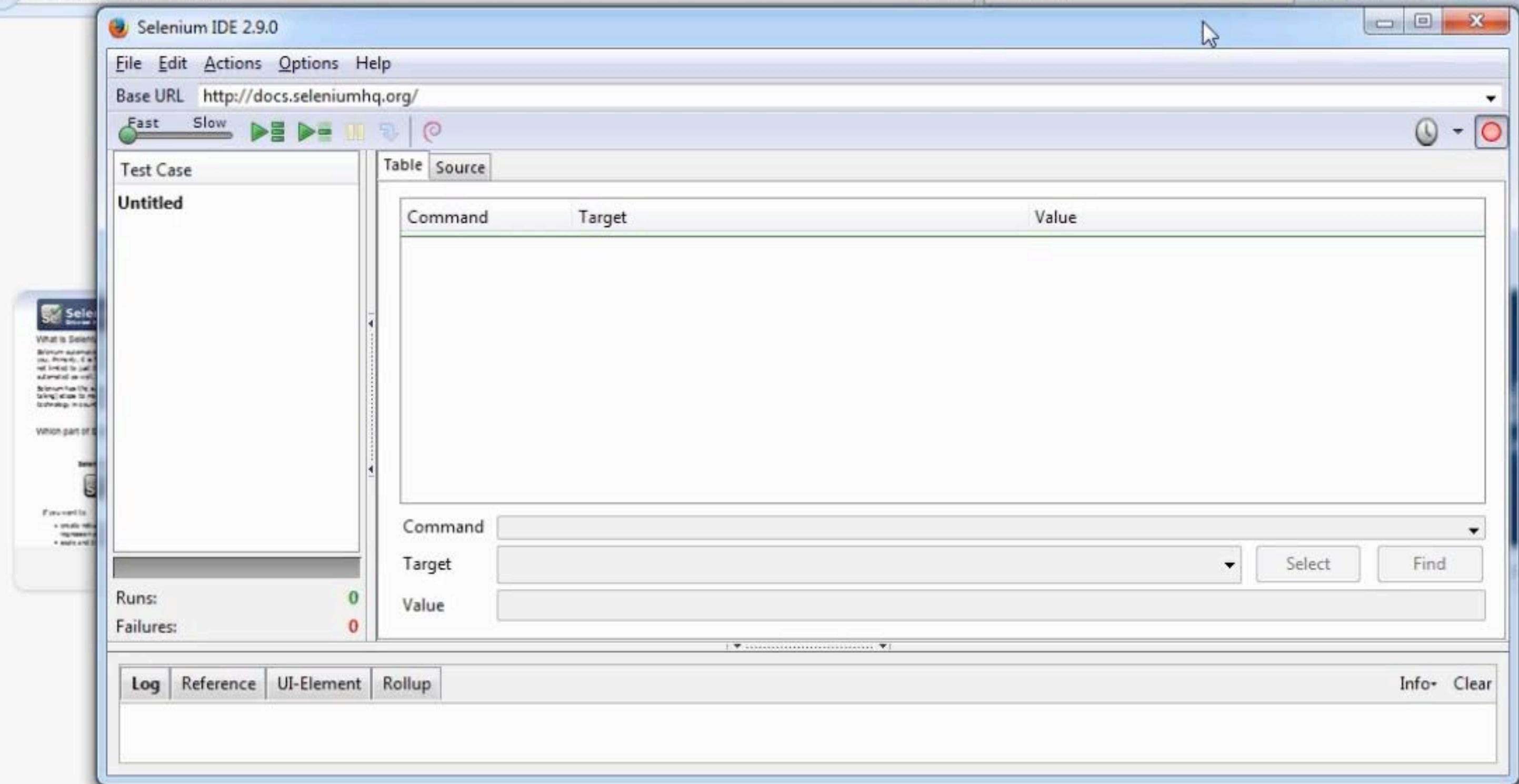
Booking.com

Planet Earth's #1 Accommodation Site

The screenshot shows a web browser window with a search bar containing 'Search'. Below the search bar are several search results. The first result is a link to 'SeleniumHQ' with a description about what Selenium is and how it can be used. The second result is a link to 'Mozilla Community' with the slogan 'Know more. Do more. Do better.' The third result is a sponsored link for 'Booking.com' with the text 'Planet Earth's #1 Accommodation Site'. The browser interface includes a toolbar at the top with various icons, a status bar at the bottom with a progress bar and time information (0:24 / 3:29), and a navigation bar at the very bottom.

Section 2, Lecture 6

Search or enter address



File Edit View Help Bookmarks Insert Help Go to Dashboard

New Tab Section 2, Lecture 6 +

Search or enter address

Selenium IDE 2.9.0

File Edit Actions Options Help

Base URL ✓ Record

Fast

Test Case

Untitled

What is Selenium? Selenium automates web browser. It's not limited to just one browser. Selenium has the ability to interact with multiple technologies in your application.

What part of the application do you want to test?

Runs: 0

Failures: 0

Log Reference UI-Element Rollup Info Clear

0:39 / 3:29

Search

Target Value

Command

Target Value

Select Find

Toggle Breakpoint

Set / Clear Start Point

Pause / Resume

Step

Execute this command

Fastest (0)

Faster (-)

Slower (+)

Slowest (9)

0:39 / 3:29

Continue > 1x 15% 15% Browse Q&A Add Bookmark

ing.com
Accommodation Site
oking.com

File Edit View History Bookmarks Insert Go to Dashboard

Section 2: Lecture 6

SelIDE Release Notes · Selenium Wiki · GitHub

GitHub, Inc. (US) https://github.com/SeleniumHQ/selenium/wiki/SelIDE-Release-Notes

Search

Sign up Sign in

Explore Features Enterprise Pricing

SeleniumHQ / selenium

Watch 404 Star 1,951 Fork 1,166

SelIDE Release Notes

Dj edited this page on Jun 17 · 5 revisions

Selenium IDE - Release Notes

2.9.1 - to be released

- Fix - Fixes <https://github.com/SeleniumHQ/selenium/issues/396>
- Fix - Changed Google code links to GitHub.
- Enh - Merged official language plugins into the main xpi eliminating the multi-xpi with the main xpi and multiple language plugin xpis.
- Fix - Fixes <https://github.com/SeleniumHQ/selenium/issues/570>

2.9.0

assertTitle SelIDE Release Notes · SeleniumHQ / selenium Wiki · GitHub

verifyValue

Show All Available Commands

Building SelIDE

Building WebDriver

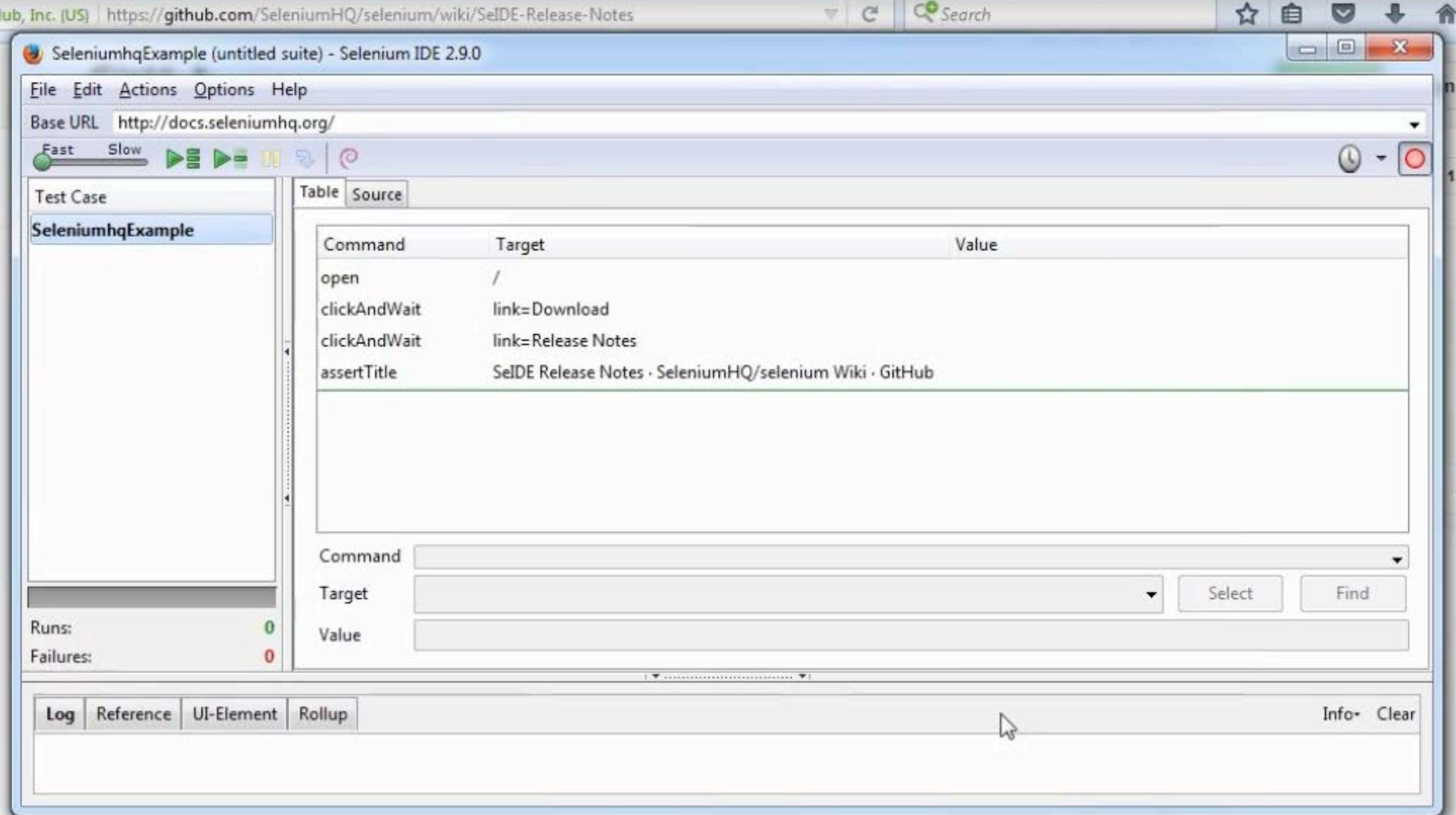
ChromoDriver

Committer Git Workflow

Continue >

1:04 / 3:29

1x 15% • 15% - Schedule tests for automatic playback at a certain time or periodic intervals



2.9.0

Building WebDriver

Chancery Division

:45 / 3:29

File Edit View Help Bookmarks Insert Help Go to Dashboard

Section 2: Lecture 6

Untitled (untitled suite) - Selenium IDE 2.9.0 *

GitHub, Inc. (US) https://github.com/SeleniumHQ/selenium/wiki/SelIDE-Release-Notes

Search

File Edit Actions Options Help

New Test Case Ctrl+N

Open... Ctrl+O

Save Test Case Ctrl+S

Save Test Case As...

Export Test Case As... ▾

Recent Test Cases ▾

Add Test Case... Ctrl+D

Properties...

New Test Suite

Open Test Suite...

Save Test Suite

Save Test Suite As...

Export Test Suite As... ▾

Recent Test Suites ▾

Close (X) Ctrl+W

Runs: 0

Failures: 0

.org/

Table Source

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	SelIDE Release Notes · SeleniumHQ/selenium Wiki · GitHub	

Command

Target

Select Find

Value

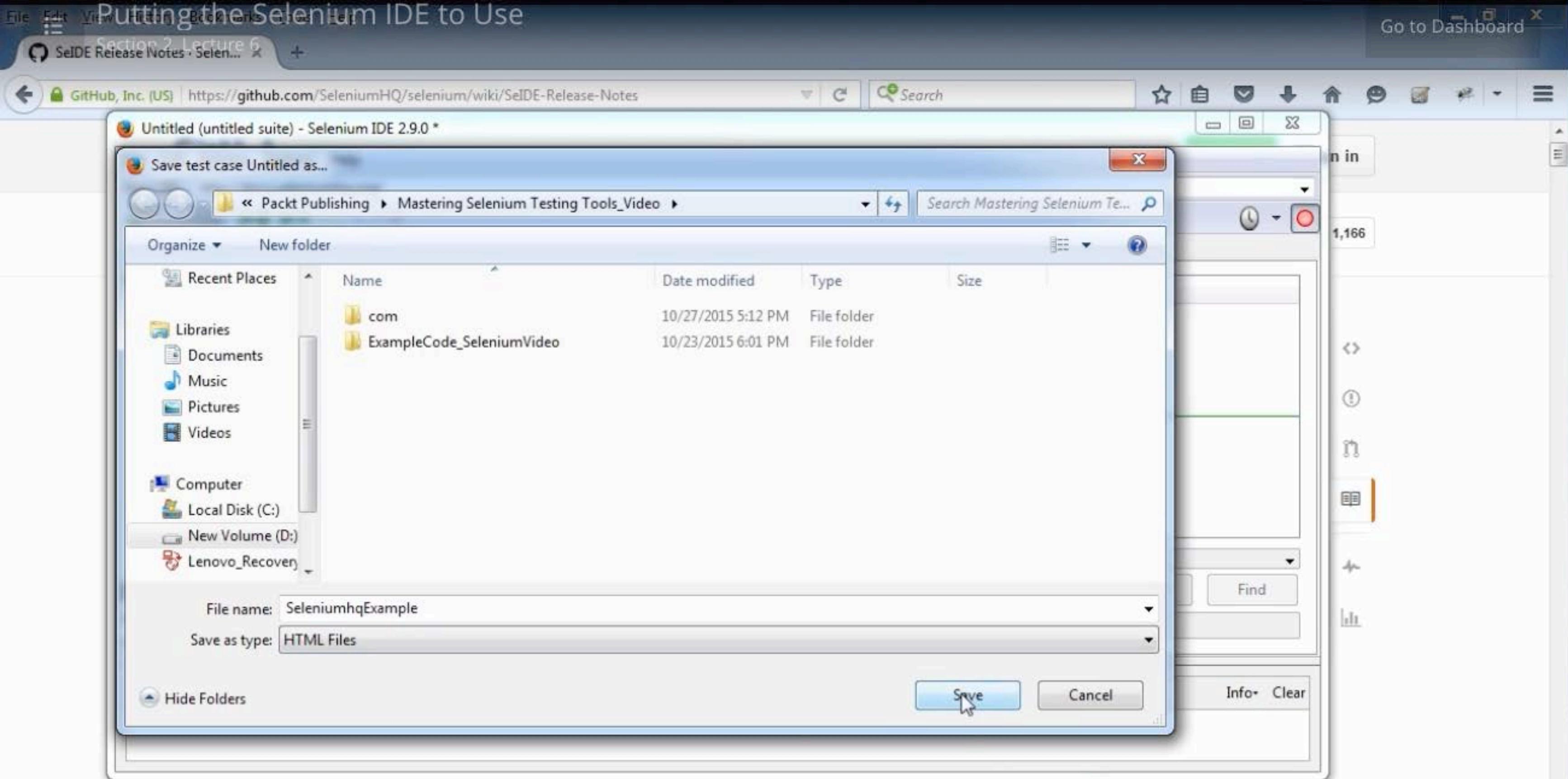
Log Reference UI-Element Rollup Info Clear

The screenshot shows the Selenium IDE 2.9.0 interface. The left sidebar contains a file menu with options like 'New Test Case', 'Open...', 'Save Test Case' (which is currently selected), 'Export Test Case As...', 'Recent Test Cases', 'Add Test Case...', 'Properties...', 'New Test Suite', 'Open Test Suite...', 'Save Test Suite', 'Save Test Suite As...', 'Export Test Suite As...', 'Recent Test Suites', and 'Close (X)'. Below the file menu are counters for 'Runs: 0' and 'Failures: 0'. The main area displays a test case with recorded commands: 'open /', 'clickAndWait link=Download', 'clickAndWait link=Release Notes', and 'assertTitle SelIDE Release Notes · SeleniumHQ/selenium Wiki · GitHub'. There are tabs for 'Table' and 'Source' at the top of the test case view. At the bottom, there are buttons for 'Log', 'Reference', 'UI-Element', 'Rollup', 'Info', and 'Clear'. A status bar at the bottom shows '2.9.0' on the left and 'Building WebDriver' on the right.

2.9.0

Building WebDriver

1:36 / 3:29



2.9.0

Building WebDriver

1:44 / 3:29

File Edit View Help Bookmarks Insert Help Go to Dashboard

Section 2: Lecture 6

Selenium IDE Release Notes · SeleniumHQ · GitHub

<https://github.com/SeleniumHQ/selenium/wiki/SelIDE-Release-Notes>

GitHub, Inc. (US) Search

Selenium IDE 2.9.0

SeleniumhqExample (untitled suite)

File Edit Actions Options Help

Base URL <http://docs.seleniumhq.org/>

Test Case Play current test case

SeleniumhqExample

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	SelIDE Release Notes · SeleniumHQ/selenium Wiki · GitHub	

Runs: 0 Failures: 0

Log Reference UI-Element Rollup Info Clear

1:53 / 3:29

2.9.1 -

- Fix - Fix
- Fix - Ch
- Enh - M
- multi-xp
- Fix - Fix

2.9.0

1x 15 - Schedule tests for automatic playback at a certain time or periodic intervals

Committer Git Workflow Continue >

File Edit View Help Bookmarks Help Go to Dashboard

Section 2: Lecture 6

Selenium IDE Release Notes · SeleniumHQ · GitHub

GitHub, Inc. (US) https://github.com/SeleniumHQ/selenium/wiki/Selenium-IDE-Release-Notes

Selenium IDE 2.9.0

SeleniumhqExample (untitled suite)

File Edit Actions Options Help

Base URL http://docs.seleniumhq.org/

Test Case SeleniumhqExample

Table Source

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	SeleniumhqExample	SeleniumhqExample

Runs: 1 Failures: 0

Log Reference UI-Element Rollup Info Clear

[info] Executing: |assertTitle | SeleniumhqExample

[info] Test case passed

2.9.1 -

- Fix - Fix
- Fix - Change
- Enh - Major
- multi-xpath
- Fix - Fix

2.9.0

1x 15 - Schedule tests for automatic playback at a certain time or periodic intervals

2:06 / 3:29

Selenium IDE Examples - Chapter 1: The Selenium IDE

[Go to Dashboard](#)

File Edit Actions Options Help

Base URL <http://docs.seleniumhq.org>

Test Case

Table Source

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	Packt	

Command assertTitle

Target Pack

Select

Find

Runs: 1

Failures: 0

Log	Reference	UI-Element	Rollup
-----	-----------	------------	--------

FIG. 1

assertTitle(pattern)
Generated from getTitle

Returns:

the title of the current p

Gets the title of the current page

ANSWER

15

Browse Q&A

+ Add Bookmark

Continue →

2:18 / 3:29

File Edit View Help Bookmarks Help Go to Dashboard

Section 2: Lecture 6

Selenium IDE Release Notes · Selenium IDE · GitHub

<https://github.com/SeleniumHQ/selenium/wiki/SelIDE-Release-Notes>

GitHub SeleniumhqExample (untitled suite) - Selenium IDE 2.9.0 *

File Edit Actions Options Help

Base URL <http://docs.seleniumhq.org/>

Test Case SeleniumhqExample *

Table Source

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	Packt	

Runs: 1 Failures: 1

Command assertTitle
Target Packt
Value

Select Find

Log Reference UI-Element Rollup

assertTitle(pattern)
Generated from getTitle()

2.9.1 -

- Fix - Fix
- Fix - Ch
- Enh - M
- multi-xp
- Fix - Fix

2.9.0

2:34 / 3:29

1x 15 - Schedule tests for automatic playback at a certain time or periodic intervals

Committer Git Workflow Continue >

Browse Q&A Add Bookmark

File Edit View Help Bookmarks Help Go to Dashboard

Section 2: Lecture 6 SeIDE Release Notes · SeleniumHQ · GitHub

<https://github.com/SeleniumHQ/selenium/wiki/SeIDE-Release-Notes>

GitHub SeleniumhqExample (untitled suite) - Selenium IDE 2.9.0 *

File Edit Actions Options Help

Base URL <http://docs.seleniumhq.org/>

Test Case Play current test case

SeleniumhqExample *

Command	Target	Value
open	/	
clickAndWait	link=Download	
clickAndWait	link=Release Notes	
assertTitle	SeleniumhqExample · SeleniumHQ · GitHub	

Command assertTitle
Target SeleniumhqExample · SeleniumHQ · GitHub
Value

Runs: 1
Failures: 0

Log Reference UI-Element Rollup

assertTitle(pattern)
Generated from getTitle()

2.9.1 -

- Fix - Fix
- Fix - Change
- Enh - Major
- multi-xpath
- Fix - Fix

2.9.0

3:01 / 3:29

1x 15 - Schedule tests for automatic playback at a certain time or periodic intervals

Commiter Git Workflow Continue >

Next Video

Getting to Know the Selenium IDE Better

3:23 / 3:29

Mastering Selenium Testing Tools

Thomas Sundberg and Ripon Al Wasim

Video 2.3

Getting to Know the
Selenium IDE Better



In this Video, we are going to take a look at...

- Pros and Cons of Selenium IDE
- Difference between verify and assert
- Editing scripts
- Export a script to a programming language
- Test Suite
- Uninstalling
- Summary

0:12 / 9:33

Pros and Cons of Selenium IDE

Pros:

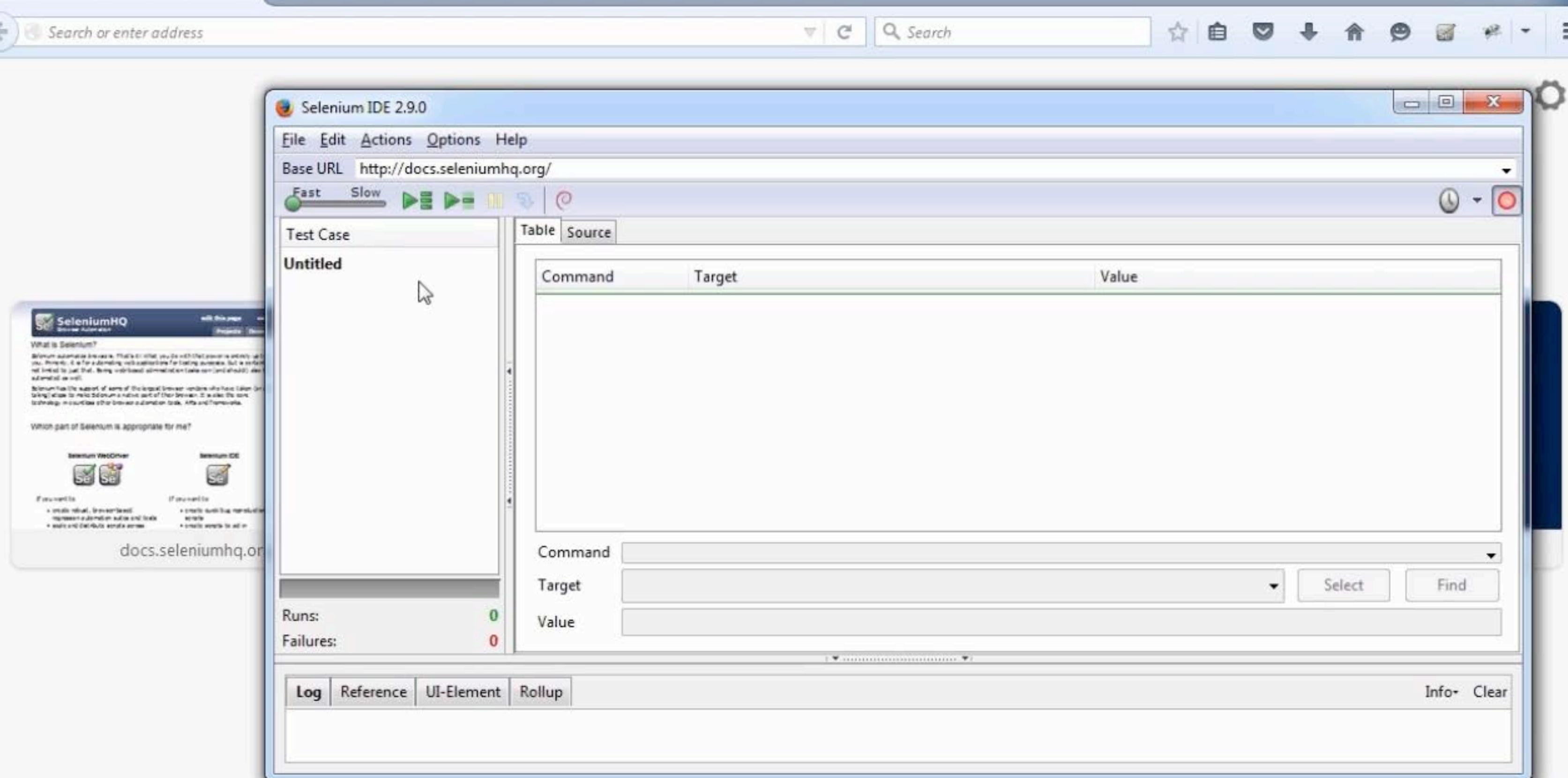
- Easy to get started with
- Record - replay

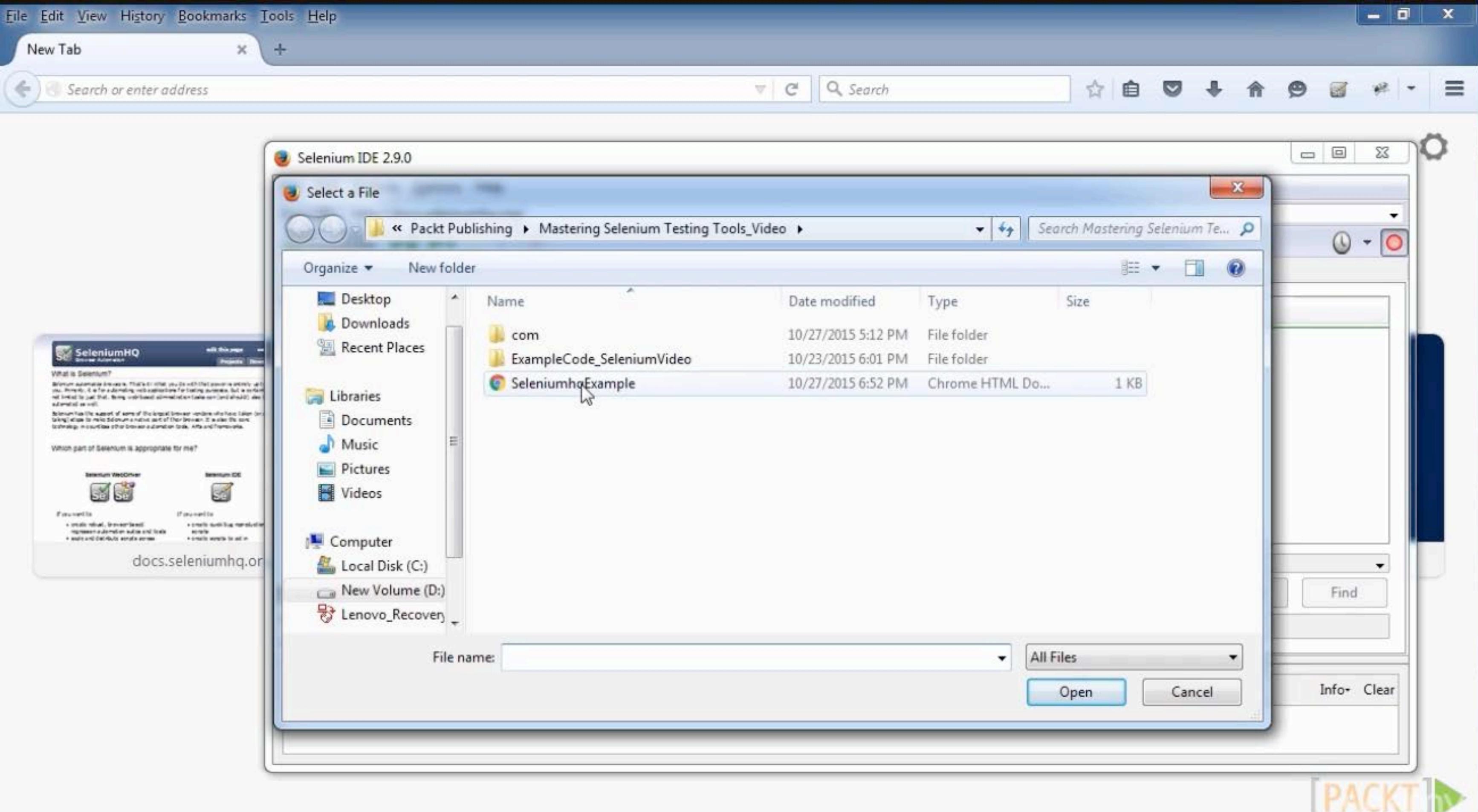
Cons:

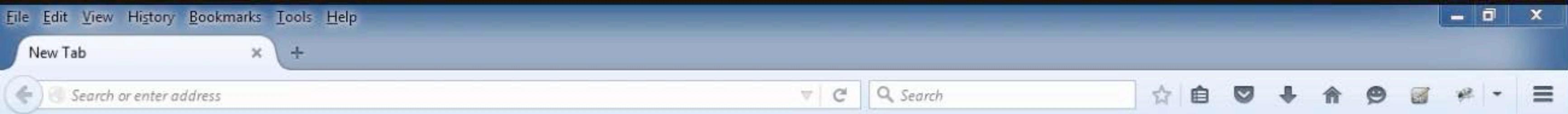
- Hard to reuse
- Only one path through a script
- No repetition
- Supports only Firefox
- Cannot handle Flex/Silverlight

Assertion and Verification

- assert – fail fast
- verify – fail slow







```
</tr>
<tr>
    <td>clickAndWait</td>
    <td>link=Download</td>
    <td></td>
</tr>
<tr>
    <td>clickAndWait</td>
    <td>link=Release Notes</td>
    <td></td>
</tr>
<tr>
    <td>assertTitle</td>
    <td>SeIDE Release Notes · SeleniumHQ/selenium Wiki · GitHub</td>
    <td></td>
</tr>
</tbody></table>
</body>
</html>
```

Runs: 0

Failures: 0

Log Reference UI-Element Rollup

SeleniumhqExample (untitled suite) - Selenium IDE 2.9.0 *

File Edit Actions Options Help

New Test Case Ctrl+N .org/
Open... Ctrl+O
Save Test Case Ctrl+S
Save Test Case As...
Export Test Case As... ▾
Recent Test Cases ▾
Add Test Case... Ctrl+D
Properties...
New Test Suite
Open Test Suite...
Save Test Suite
Save Test Suite As...
Export Test Suite As... ▾
Recent Test Suites ▾
Close (X) Ctrl+W

Runs: 0
Failures: 0

Table Source

Ruby / RSpec / WebDriver
Ruby / Test::Unit / WebDriver
Ruby / RSpec / Remote Control
Ruby / Test::Unit / Remote Control
Python 2 / unittest / WebDriver
Python 2 / unittest / Remote Control
Java / JUnit 4 / WebDriver
Java / JUnit 4 / WebDriver Backed
Java / JUnit 4 / Remote Control
Java / JUnit 3 / Remote Control
Java / TestNG / Remote Control
C# / NUnit / WebDriver
C# / NUnit / Remote Control

Value

SeleniumHQ/selenium Wiki · GitHub

Command clickAndWait
Target link=Release Notes
Value

Select Find

Log Reference UI-Element Rollup

clickAndWait(locator)
Generated from click(locator)

Arguments:

- locator - an element locator

Clicks on a link, button, checkbox or radio button. If the click action causes a new page to load (like a link usually does), call waitForPageToLoad.

[PACKT] VIDEO

SeleniumhqExample (untitled suite) - Selenium IDE 2.9.0 *

Save test case SeleniumhqExample as...

Mastering Selenium Testing Tools_Video > com > example > tests

Search tests

Organize New folder

Recent Places

- No items match your search.

Libraries

- Documents
- Music
- Pictures
- Videos

Computer

- Local Disk (C:)
- New Volume (D:)
- Lenovo_Recover

File name: SeleniumhqExample

Save as type: All Files

Save Cancel

Hide Folders

Failures: 0

Value

Log Reference UI-Element Rollup

clickAndWait(locator)
Generated from click(locator)

Arguments:

- locator - an element locator

Clicks on a link, button, checkbox or radio button. If the click action causes a new page to load (like a link usually does), call waitForPageToLoad.

Select Find

[PACKT] VIDEO

SeleniumhqExample.java - [C:\Users\Ripon\AppData\Local\Temp\SeleniumhqExample.java0.tmp] - [SeleniumhqExample.java0.tmp] - D:\Packt Publishing\Mastering Selenium Testing Tools_Video\com\example\tests...

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

D: \ Packt Publishing \ Mastering Selenium Testing Tools_Video \ com \ example \ tests \ SeleniumhqExample.java

Project SeleniumhqExample.java0.ti SeleniumhqExample.java External Libraries

```
1 package com.example.tests;
2
3 import java.util.regex.Pattern;
4 import java.util.concurrent.TimeUnit;
5 import org.junit.*;
6 import static org.junit.Assert.*;
7 import static org.hamcrest.CoreMatchers.*;
8 import org.openqa.selenium.*;
9 import org.openqa.selenium.firefox.FirefoxDriver;
10 import org.openqa.selenium.support.ui.Select;
11
12 public class SeleniumhqExample {
13     private WebDriver driver;
14     private String baseUrl;
15     private boolean acceptNextAlert = true;
16     private StringBuffer verificationErrors = new StringBuffer();
17
18     @Before
19     public void setUp() throws Exception {
```

12:27 LF : UTF-8

PACKT

SeleniumhqExample.java - [C:\Users\Ripon\AppData\Local\Temp\SeleniumhqExample.java0.tmp] - [SeleniumhqExample.java0.tmp] - D:\Packt Publishing\Mastering Selenium Testing Tools_Video\com\example\tests...

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

D: \ Packt Publishing \ Mastering Selenium Testing Tools_Video \ com \ example \ tests \ SeleniumhqExample.java

Project SeleniumhqExample.java0.ti SeleniumhqExample.java External Libraries

```
10 import org.openqa.selenium.support.ui.Select;
11
12 public class SeleniumhqExample {
13     private WebDriver driver;
14     private String baseUrl;
15     private boolean acceptNextAlert = true;
16     private StringBuffer verificationErrors = new StringBuffer();
17
18     @Before
19     public void setUp() throws Exception {
20         driver = new FirefoxDriver();
21         baseUrl = "http://docs.seleniumhq.org/";
22         driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
23     }
24
25     @Test
26     public void testSeleniumhqExample() throws Exception {
27         driver.get(baseUrl + "/");
28         driver.findElement(By.linkText("Download")).click();
```

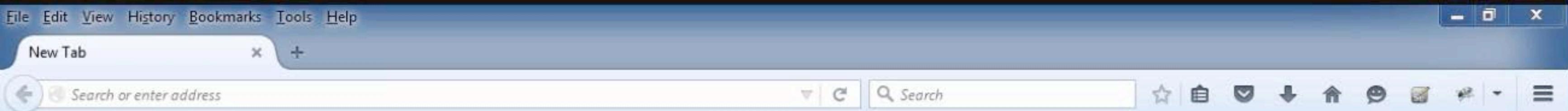
SeleniumhqExample.java - [C:\Users\Ripon\AppData\Local\Temp\SeleniumhqExample.java0.tmp] - [SeleniumhqExample.java0.tmp] - D:\Packt Publishing\Mastering Selenium Testing Tools_Video\com\example\tests...

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

D: \ Packt Publishing \ Mastering Selenium Testing Tools_Video \ com \ example \ tests \ SeleniumhqExample.java

Project SeleniumhqExample.java0.ti SeleniumhqExample.java External Libraries

```
16     private StringBuffer verificationErrors = new StringBuffer();
17
18     @Before
19     public void setUp() throws Exception {
20         driver = new FirefoxDriver();
21         baseUrl = "http://docs.seleniumhq.org/";
22         driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
23     }
24
25     @Test
26     public void testSeleniumhqExample() throws Exception {
27         driver.get(baseUrl + "/");
28         driver.findElement(By.linkText("Download")).click();
29         driver.findElement(By.linkText("Release Notes")).click();
30         assertEquals("SeIDE Release Notes · SeleniumHQ/selenium Wiki · GitHub", driver.getTitle());
31     }
32
33     @After
34     public void tearDown() throws Exception {
```



SeleniumHQ
Discover Automation

What is Selenium?
Selenium automates browsers. That's it. What it means for you, probably, is that if you're automating web-based tests, it's not limited to just that. Using web-based automation, Selenium has the support of some of the largest companies in the world, including Google, Microsoft, and IBM.

Which part of Selenium is appropriate for me?
Selenium WebDriver

If you want to:
• create robust,健壮的, unscripted, unscripted, repeatable automation suites and tests
• reuse and distribute your tests

docs.selenide.org

Runs: 0
Failures: 0

Log Reference UI-Element Rollup Info Clear

Untitled (untitled suite) - Selenium IDE 2.9.0

File Edit Actions Options Help

Base URL http://docs.seleniumhq.org/

Fast Slow

Test Case

SeleniumhqExample

Untitled

Table Source

Command	Target	Value
---------	--------	-------

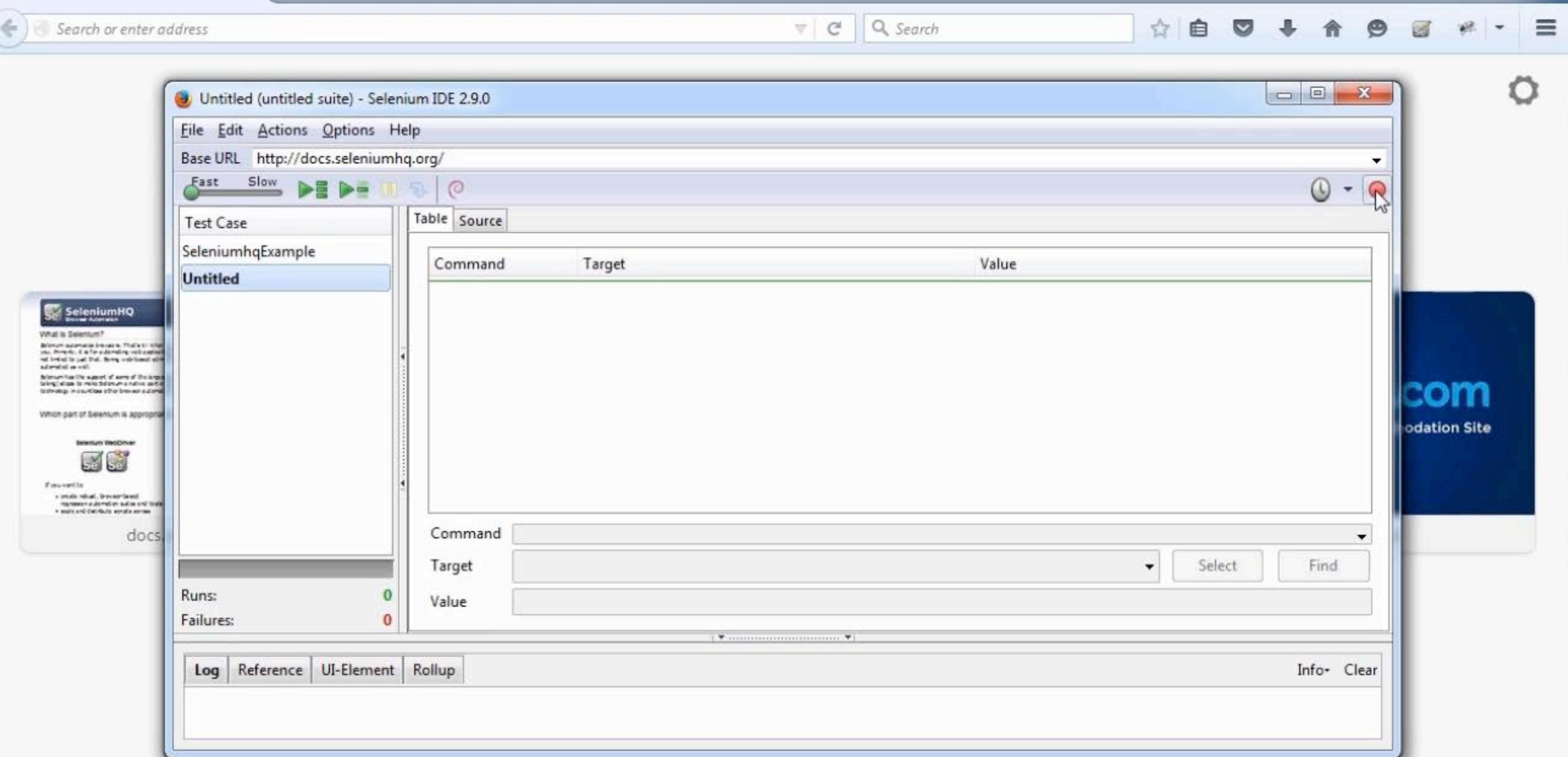
Command

Target

Select Find

Value

New Tab



[edit this page](#)

search selenium:

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What is Selenium?

Selenium automates browsers. That's it! What you do with that power is entirely up to you. Primarily, it is for automating web applications for testing purposes, but is certainly not limited to just that. Boring web-based administration tasks can (and should!) also be automated as well.

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Selenium is a suite of tools to automate web browsers across many platforms.

Selenium...

- runs in [many browsers](#) and [operating systems](#)
- can be controlled by [many programming languages](#) and [testing frameworks](#).

Which part of Selenium is appropriate for me?

Selenium WebDriver



If you want to

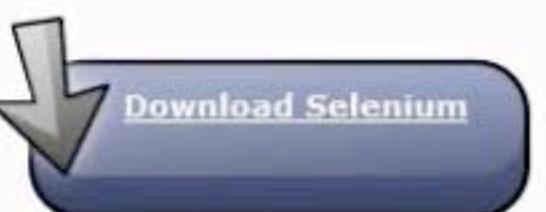
- create robust, browser-based regression automation suites and tests
- scale and distribute scripts across many environments

Selenium IDE



If you want to

- create quick bug reproduction scripts
- create scripts to aid in automation-aided exploratory testing

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File Edit View History Bookmarks Tools Help

Selenium-IDE — Selenium Doc... X +

docs.seleniumhq.org/docs/02_selenium_ide.jsp#test-suites

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continuous batch-job.

When using Selenium-IDE, test suites also can be defined using a simple HTML file. The syntax again is simple. An HTML table defines a list of tests where each row defines the filesystem path to each test. An example tells it all.

```
<html>
<head>
<title>Test Suite Function Tests - Priority 1</title>
</head>
<body>
<table>
<tr><td><b>Suite Of Tests</b></td></tr>
<tr><td><a href=". /Login.html">Login</a></td></tr>
<tr><td><a href=". /SearchValues.html">Test Searching for Va</td>
<tr><td><a href=". /SaveValues.html">Test Save</a></td></tr>
</table>
</body>
</html>
```

A file similar to this would allow running the tests all at once, one Selenium-IDE.

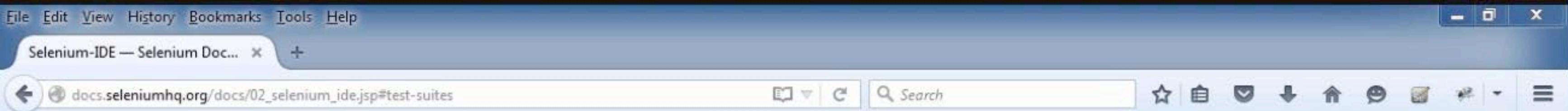
Test suites can also be maintained when using Selenium-RC. This can be done a number of ways. Commonly Junit is used to maintain Selenium-RC with Java. Additionally, if C# is the chosen language using an interpreted language like Python with Selenium-RC then some simple programming would be involved in setting up a test suite. Since the whole reason for using Selenium-RC is to make use of programming logic for your testing this usually isn't a problem.

Commonly Used Selenium Commands

To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.

Save Page As...
View Background Image
Select All
View Page Source
View Page Info
Inspect Element (Q)
Inspect in FirePath
Inspect Element with Firebug
open /docs/02_selenium_ide.jsp#test-suites
assertTitle Selenium-IDE — Selenium Documentation
verifyValue
Show All Available Commands

[PACKT] VIDEO



Untitled (untitled suite) - Selenium IDE 2.9.0 *

File **Edit** **Actions** **Options** **Help**

New Test Case Ctrl+N
Open... Ctrl+O
Save Test Case Ctrl+S
Save Test Case As...
Export Test Case As... ▾
Recent Test Cases ▾
Add Test Case... Ctrl+D
Properties...
New Test Suite
Open Test Suite...
Save Test Suite
Save Test Suite As...
Export Test Suite As... ▾
Recent Test Suites ▾
Close (X) Ctrl+W

Runs: 0
Failures: 0

.org/

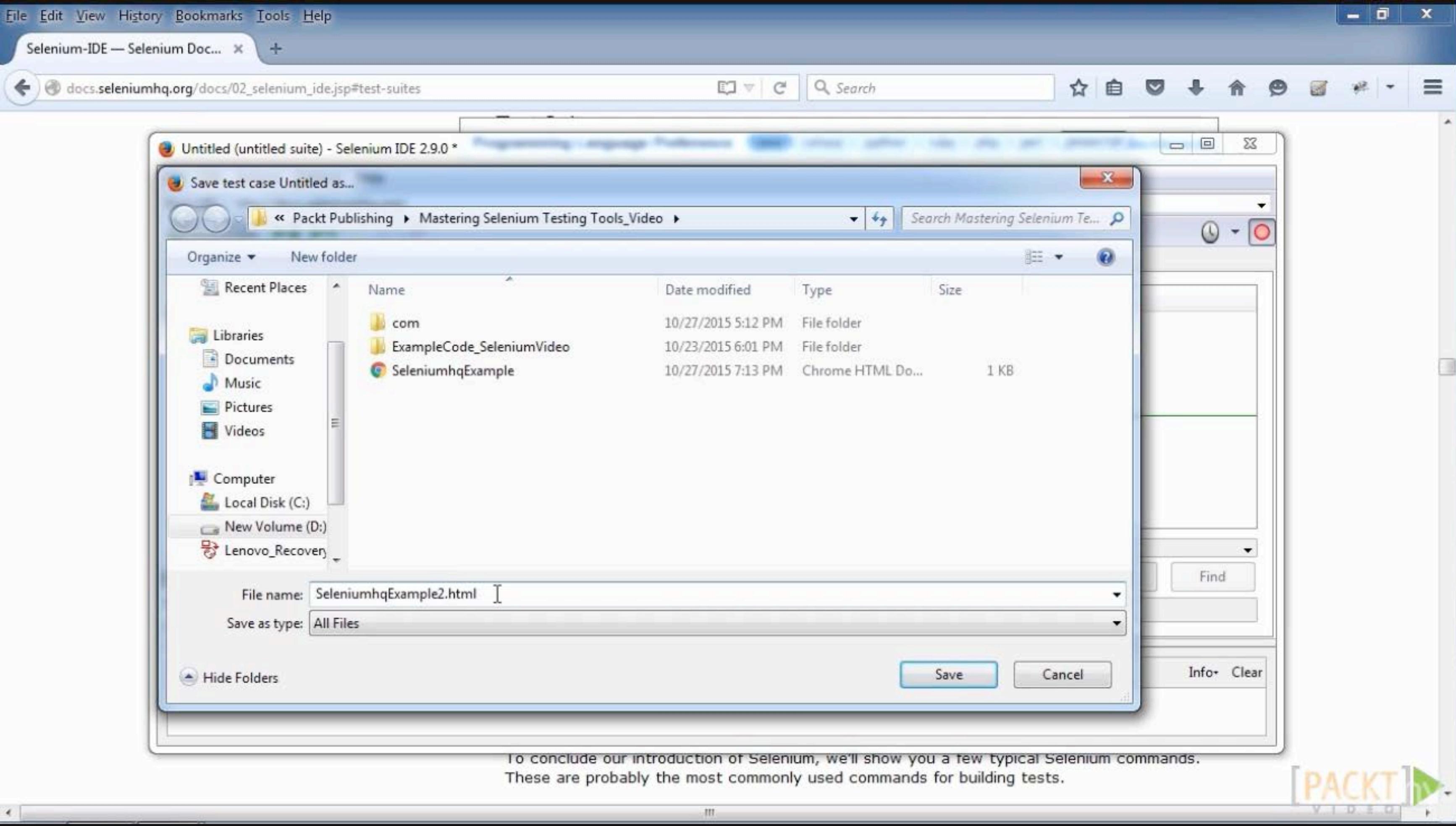
Table Source

Command	Target	Value
open	/	
clickAndWait	link=Documentation	
clickAndWait	link=Test Suites	
assertTitle	Selenium-IDE — Selenium Documentation	

Command
Target Select Find
Value

Log Reference UI-Element Rollup Info Clear

To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.



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Command	Target	Value
open	/	
clickAndWait	link=Documentation	
clickAndWait	link=Test Suites	
assertTitle	Selenium-IDE — Selenium Documentation	

Command:

Target:

Value:

Runs:

0

Failures:

0

To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.

File Edit View History Bookmarks DW Help Go to Dashboard

Selenium-IDE — Selenium Doc... X +

docs.seleniumhq.org/docs/02_selenium_ide.jsp#test-suites

Untitled (untitled suite) - Selenium IDE 2.9.0 *

File Edit Actions Options Help

New Test Case Ctrl+N .org/

Open... Ctrl+O

Save Test Case Ctrl+S

Save Test Case As...

Export Test Case As... ▾

Recent Test Cases ▾

Add Test Case... Ctrl+D

Properties...

New Test Suite

Open Test Suite...

Save Test Suite

Save Test Suite As...

Export Test Suite As... ▾

Recent Test Suites ▾

Close (X) Ctrl+W

Runs: 0

Failures: 0

Table Source

Command	Target	Value
open	/	
clickAndWait	link=Documentation	
clickAndWait	link=Test Suites	
assertTitle	Selenium-IDE — Selenium Documentation	

Command

Target

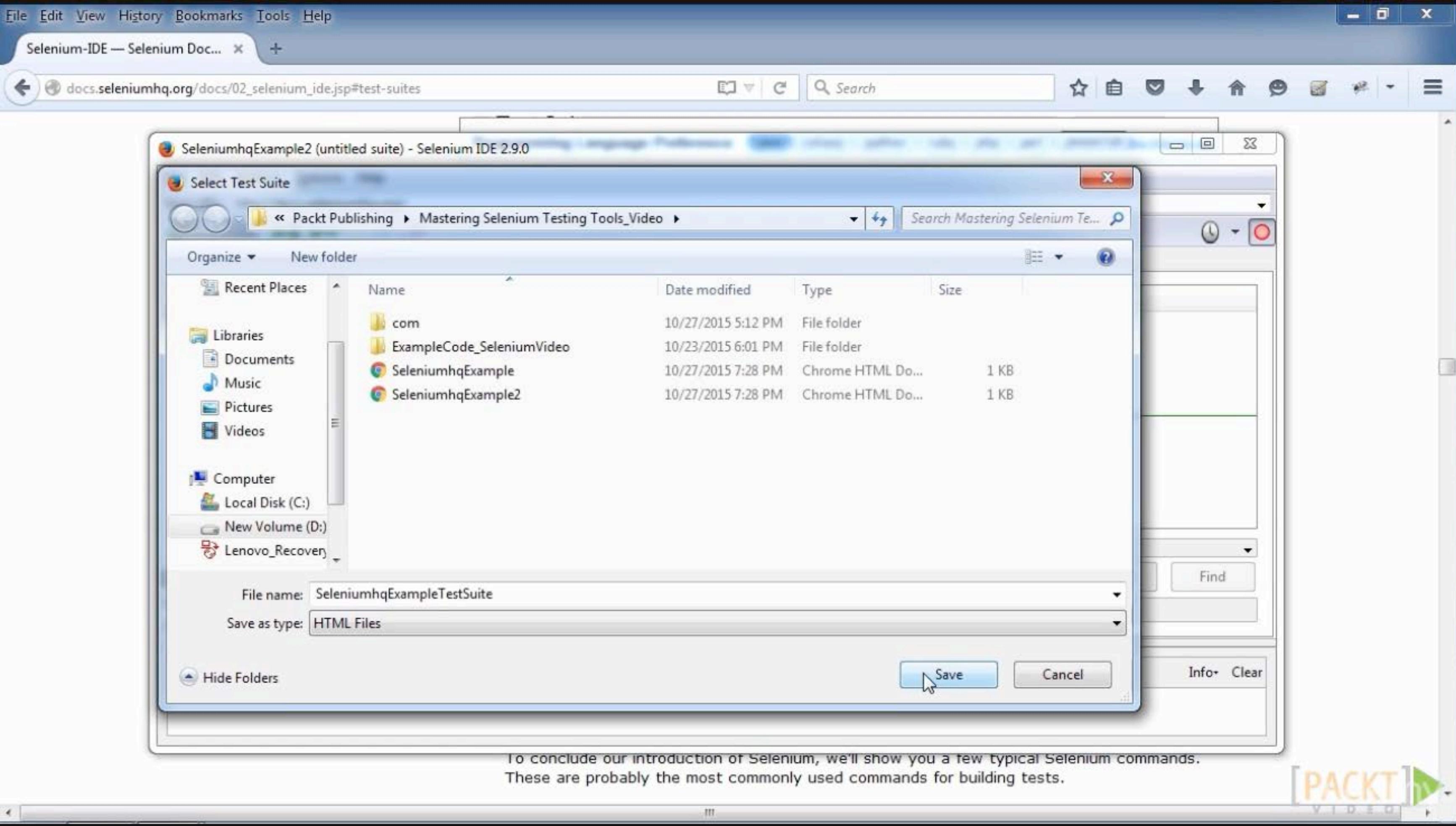
Select Find

Value

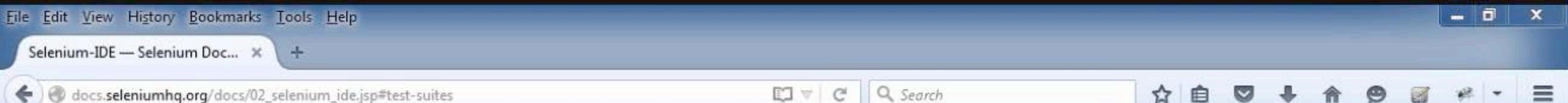
Log Reference UI-Element Rollup Info Clear

To conclude our introduction of Selenium, we'll show you a few typical Selenium commands.
These are probably the most commonly used commands for building tests.

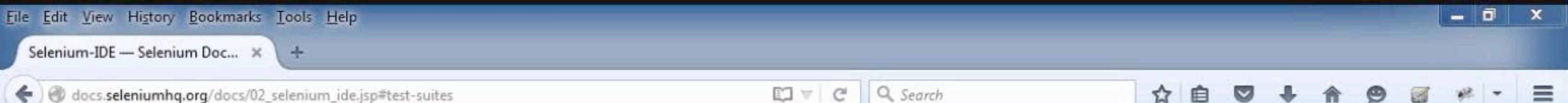
5:35 / 9:33



To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.



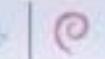
To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.



SeleniumhqExample2 (SeleniumhqExampleTestSuite) - Selenium IDE 2.9.0

File Edit Actions Options Help

Base URL <http://docs.seleniumhq.org/>

Fast Slow        

Test Case

Command	Target	Value
open	/	
clickAndWait	link=Documentation	
clickAndWait	link=Test Suites	
assertTitle	Selenium-IDE — Selenium Documentation	

Runs: 2 **Failures:** 0

Command
Target Select Find
Value

Log Reference UI-Element Rollup Info Clear

[info] Test case passed
[info] Test suite completed: 2 played, all passed!

To conclude our introduction of Selenium, we'll show you a few typical Selenium commands. These are probably the most commonly used commands for building tests.



Test Case

SeleniumhqExample

SeleniumhqExample2

Command	Target	Value
open	/	
clickAndWait	link=Documentation	
clickAndWait	link=Test Suites	
assertTitle	Selenium-IDE — Selenium Documentation	

Command

Target

Value

Select

Find

Runs: 7

Failures: 0

Home

Info • Clear

[info] Playing test case SeleniumhqExample2

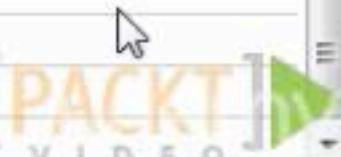
[info] Executing: |open | / ||

[info] Executing: |clickAndWait | link=Documentation ||

[info] Executing: |clickAndWait | link=Test Suites ||

[info] Executing: |assert

[info] Test case passed



Summary

- Good for simple and static pages
- Not OK for responsive and complicated site
- Good place to start

Next Section

Selenium WebDriver