FREE eBook

LEARNING selenium-ide

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Stack Overflow contributors.

#selenium-ide

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About

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: selenium-ide

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Chapter 1: Getting started with selenium-ide

Remarks

This section provides an overview of what selenium-ide is, and why a developer might want to use it.

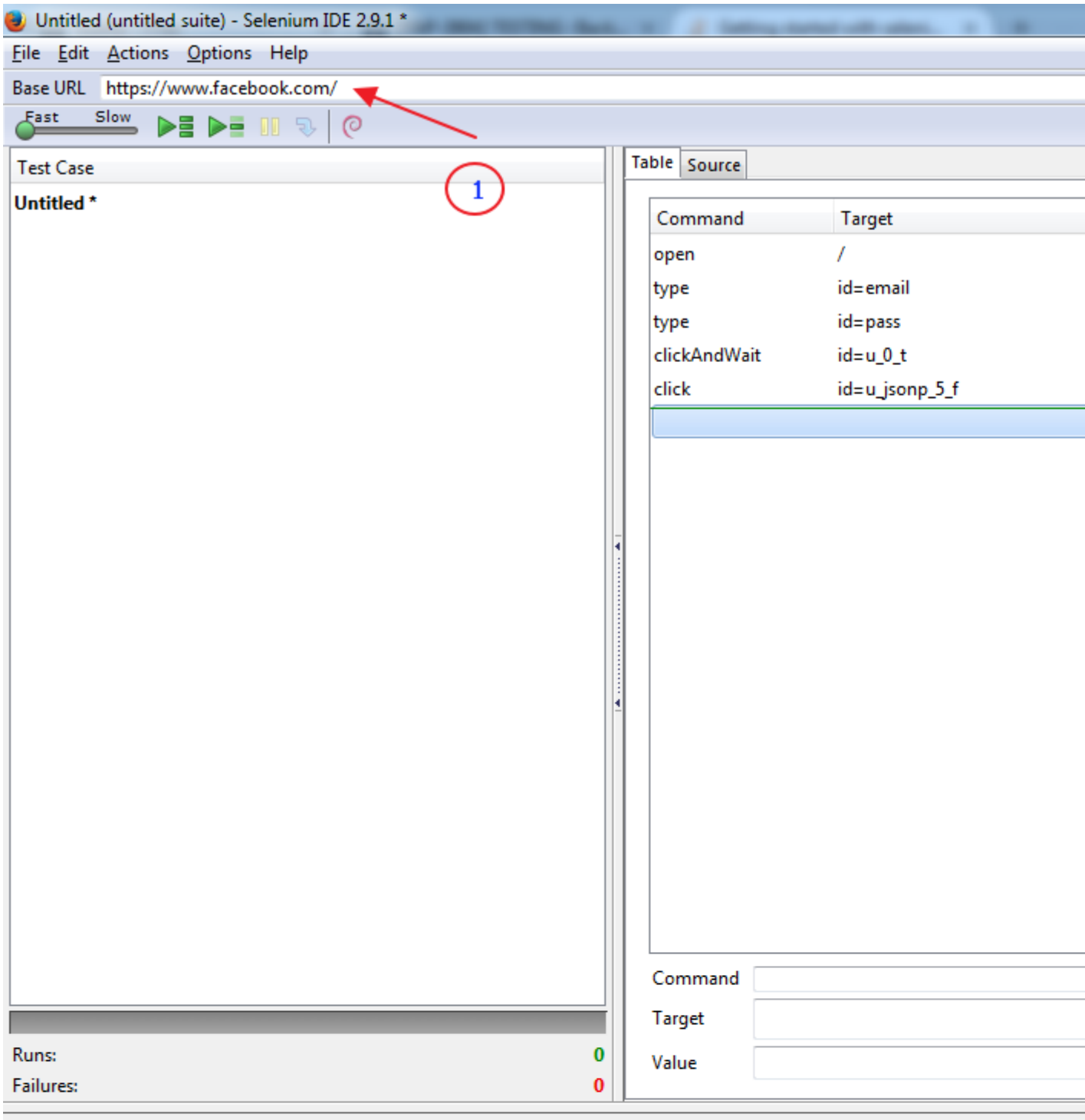
It should also mention any large subjects within selenium-ide, and link out to the related topics. Since the Documentation for selenium-ide is new, you may need to create initial versions of those related topics.

Examples

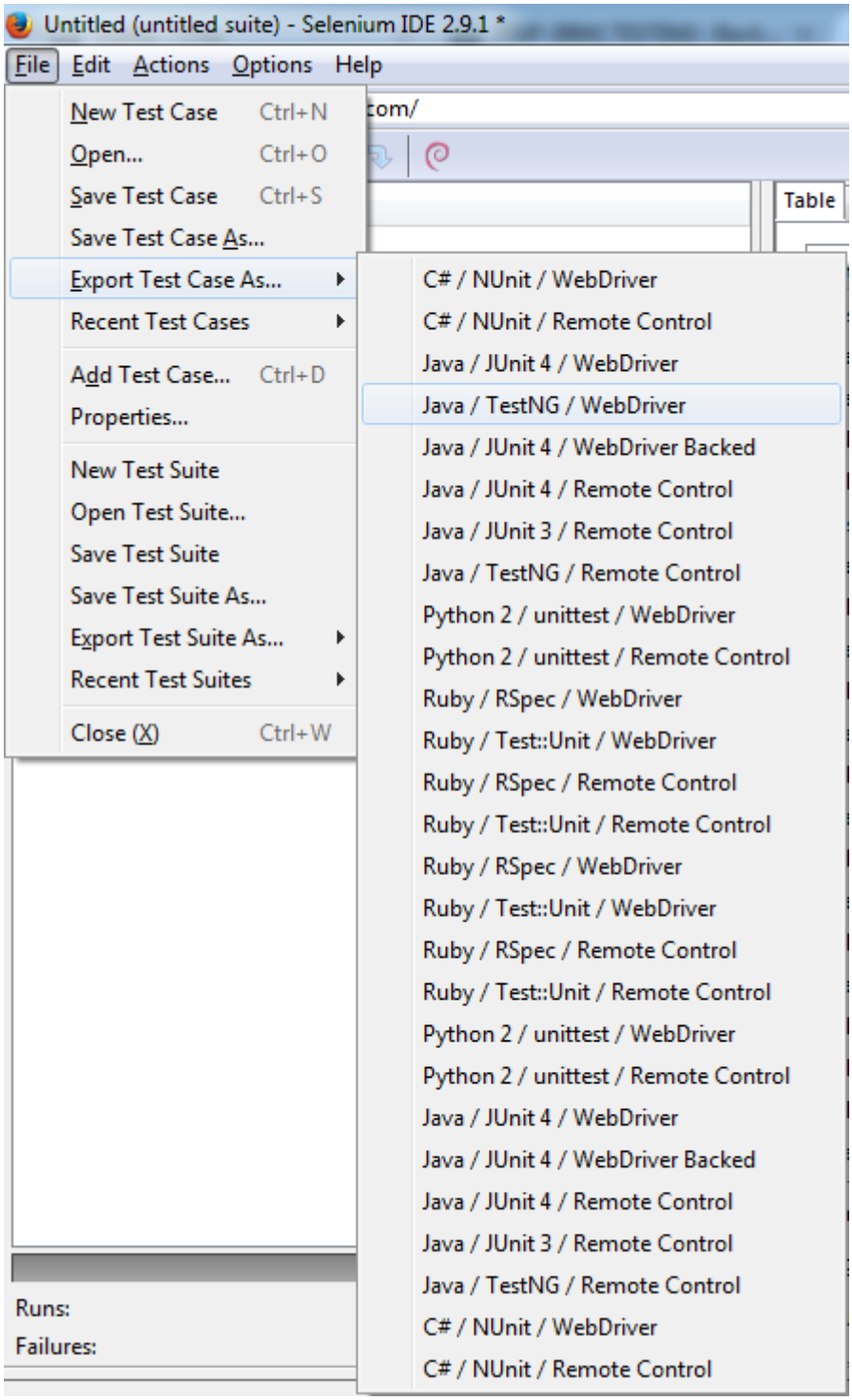
How to export the testcase as Java class from selenium IDE

Lets take fb login as testcase,will see how to capture and export as JAVA class

- Click on the selenium IDE icon on top right corner of your browser
- Enter the url `https://facebook.com`
- Click on Record button , as shown in the screenshot


Untitled (untitled suite) - Selenium IDE 2.9.1 *
File Edit Actions Options Help
Base URL https://www.facebook.com/
Fast Slow
Test Case
Untitled *
1
Table Source
Command Target
open /
type id=email
type id=pass
clickAndWait id=u_0_t
click id=u_jsonp_5_f
Command
Target
Value
Runs: 0
Failures: 0
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 waitForPageToL

- Export the usecase as java file



- Save the file in you local machine with .java extension
- Open that file it will looks like this:

```java
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.testng.annotations.*;
import static org.testng.Assert.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class MyTestCase {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @BeforeClass(alwaysRun = true)
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "https://www.facebook.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testMyTestCase() throws Exception {
    driver.get(baseUrl + "/");
    driver.findElement(By.id("email")).clear();
    driver.findElement(By.id("email")).sendKeys("[redacted]");
    driver.findElement(By.id("pass")).clear();
    driver.findElement(By.id("pass")).sendKeys("[redacted]");
    driver.findElement(By.id("u_0_t")).click();
    driver.findElement(By.id("u_jsonp_5_f")).click();
  }

  @AfterClass(alwaysRun = true)
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }
```

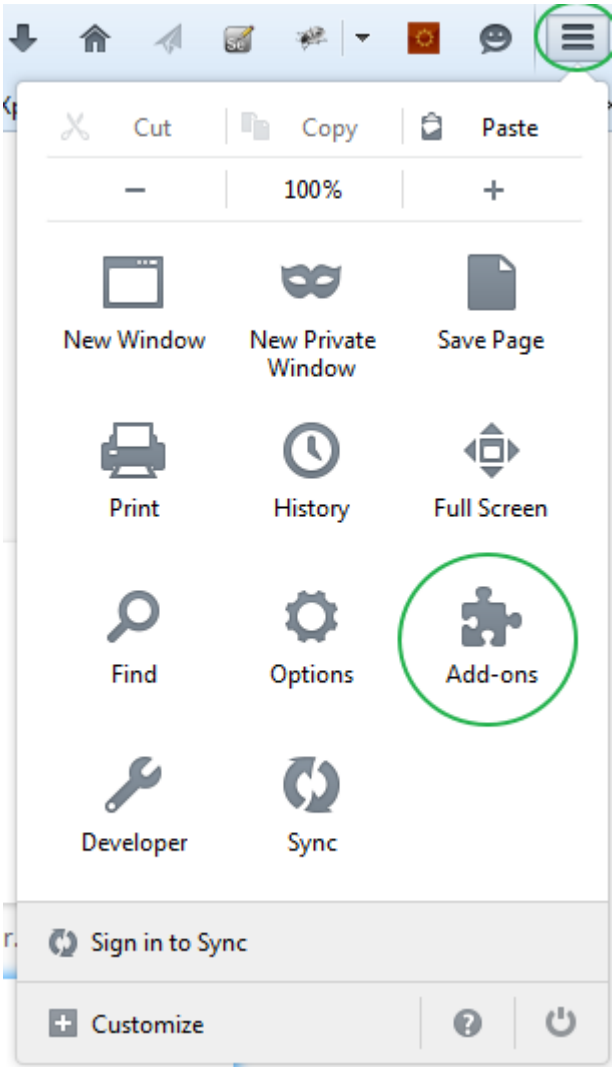
- Now you can import this file into any IDE
- Assume that we are going to user eclispe,create a new package `com.example.tests`
- Just copy this file and paste there
- Add the required jar files (Selenium jar + TesgNG jar)

Now you are ready to run the test.

Setup for selenium IDE in Firefox.

Installation :

- Open Firefox browser.click on menu and select Add-ons

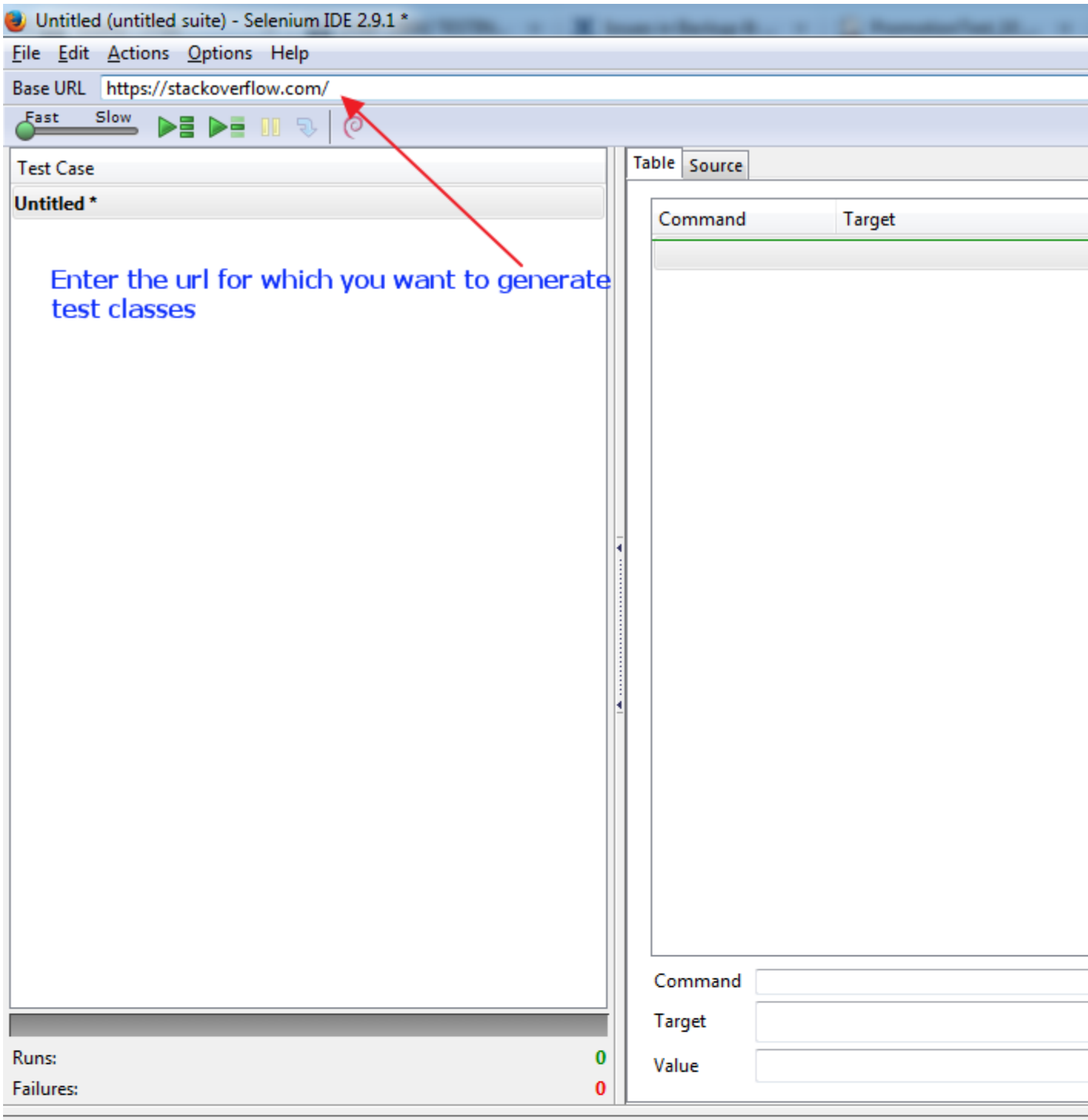


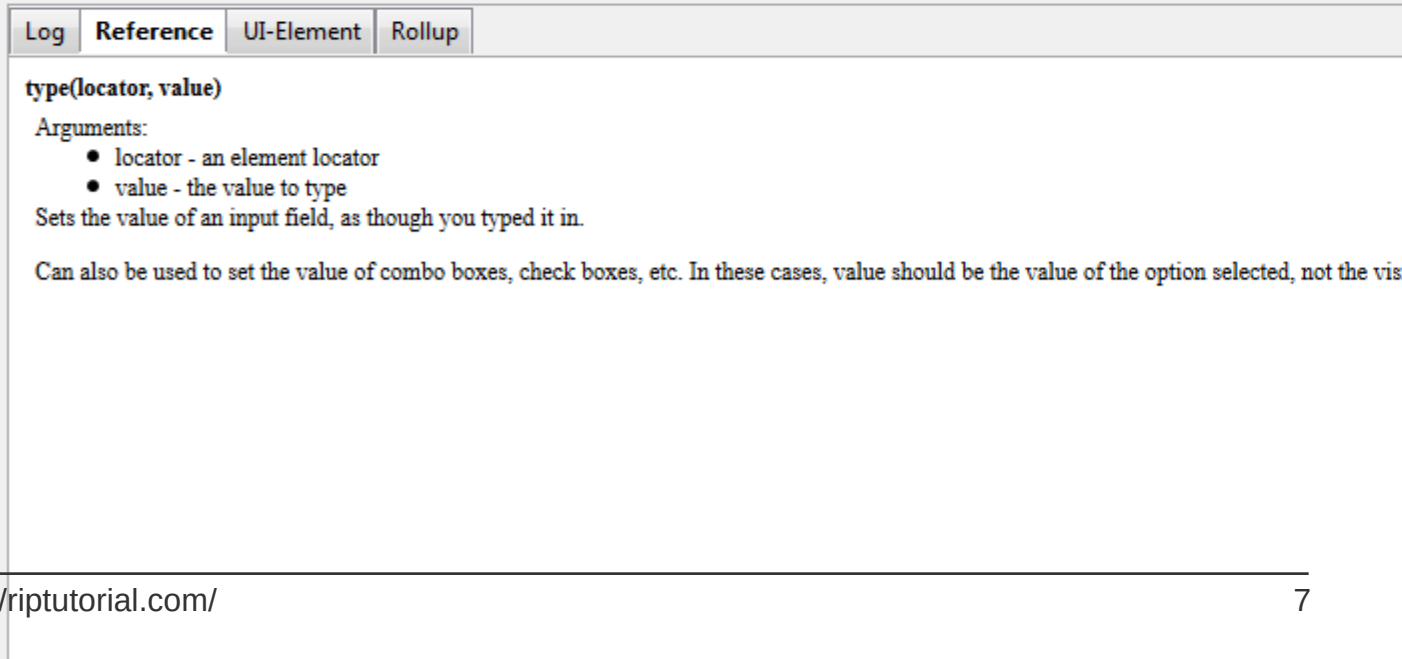
- Search for selenium IDE
- Install selenium IDE Add-on in firefox.
- Restart the Firefox.
- If the selenium IDE is installed successfully then you can see the icon on top of the browser

- By clicking on this icon, you can launch the selenium IDE.

Recording and Executing a script

- After launching the IDE, Click on record button to record a script.


Untitled (untitled suite) - Selenium IDE 2.9.1 *
File Edit Actions Options Help
Base URL https://stackoverflow.com/
Fast Slow
Test Case
Untitled *
Enter the url for which you want to generate test classes
Table Source
Command Target
Command
Target
Value
Runs: 0
Failures: 0


Log Reference UI-Element Rollup
type(locator, value)
Arguments:
locator - an element locator
value - the value to type
Sets the value of an input field, as though you typed it in.
Can also be used to set the value of combo boxes, check boxes, etc. In these cases, value should be the value of the option selected, not the vis

https://riptutorial.com/selenium-ide/topic/9496/getting-started-with-selenium-ide

Credits

S. No	Chapters	Contributors
1	Getting started with selenium-ide	Community, SaiPawan, Sudha Velan