



Kavin School Presents:

Selenium Web Test Tool Training Using Ruby Language

Discover the automating power of Selenium

Presented by:

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1

Day

Installing Selenium IDE

Installing Selenium IDE

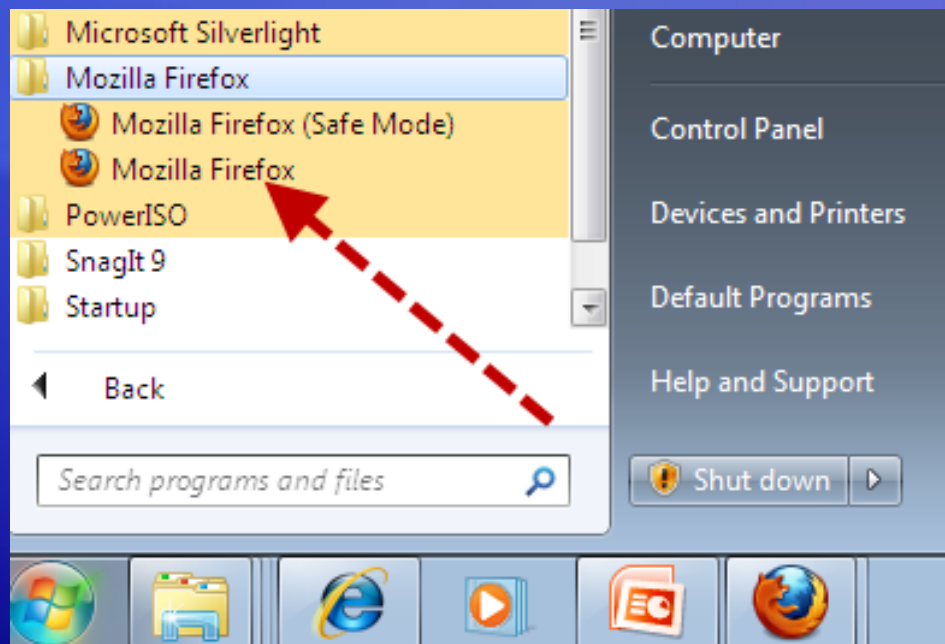
- Installing Selenium is a two step process
 - **First**: If Firefox is not installed in your machine then Install Firefox
 - **Second**: If Selenium IDE is not installed on your machine then Install Selenium IDE Plug-in

IE Version of Selenium

- Is there an IE version of Selenium IDE?
 - No, at this point of time Selenium IDE works only for Firefox. You can write your test scripts via IDE and then use the Selenium Core TestRunner or Selenium RC to execute them on IE.

Check Firefox Exist

- Check whether your machine already has a version of Firefox installed.
- Go to Start → Programs → Mozilla Firefox



Check Firefox Version

- Click on the Mozilla Firefox
- Go to Help → About as shown below:
- Check the version name
- What is your version?

In this About Window,
it shows Firefox
version 2.0.0.16



- Open your IE browser (or any other browser), only if you don't have a Firefox browser.
- In the address bar enter:
 - <http://www.mozilla.com/en-US/firefox/>
- Click the “Free Download”

Install the latest version of Firefox 3.x, only if you don't have a prior version of Firefox installed on your machine



Mozilla Firefox
Your web, the way you like it:

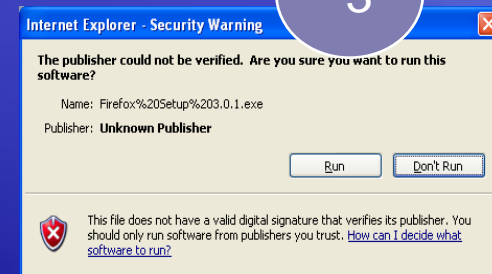
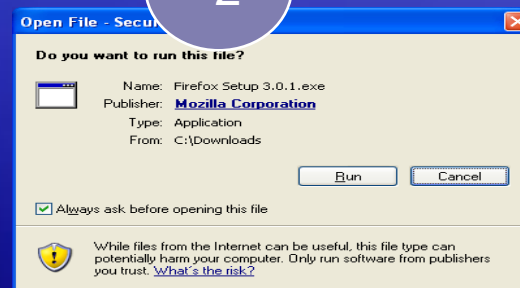
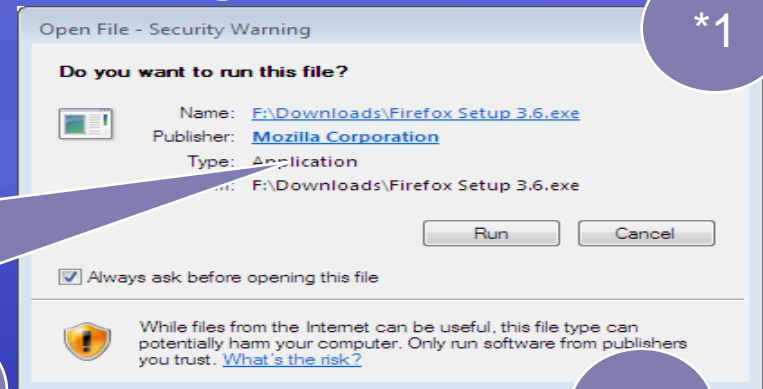
- *high performance*
- *easy customization*
- *advanced security*

Firefox 3.6 ↓
Free Download
3.6.13 for Windows
English (US)

All Systems & Languages | Privacy Policy

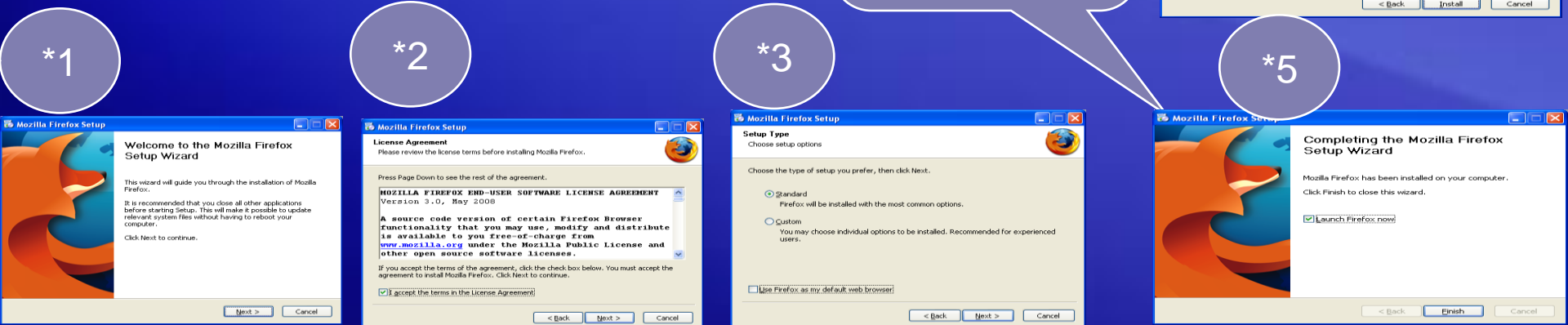
- Follow the steps and run the program (*1)
 - Saving into local machine then running is recommended
- If prompted with Security warning, press “Run” button (*2 & *3)

1. Save into your local machine. (C:\Downloads)
2. Run (double click Firefox Setup 3.x.x) from the location where you downloaded
3. Ignore Security warning and press “Run” button



- Press Next (*1)
- Check the “I Accept” then Press Next (*2)
- Select Standard, Remove check from “Use Firefox as my default browser” (*3)
- Press Install button (*4)
- Press Finish button (*5)

Just follow the steps of installation as shown below





The screenshot shows the Mozilla Firefox 3.6 first-run page. The browser window title is "Welcome to Firefox - Mozilla Firefox". The address bar shows the URL "http://www.mozilla.com/en-US/firefox/3.6/firstrun/". The page content includes the Firefox logo, the text "Firefox® 3.6", and a large "WELCOME!" heading. Below the heading, it says "Firefox is created by Mozilla, a non-profit organization dedicated to promoting openness, innovation and opportunity on the Web. Simply put, we want to make the Web better for everyone (including you, of course). Thanks for your support, and happy browsing!". On the right side, there are three links: "Decorate your Firefox with PERSONAS >>", "Browse better with ADD-ONS >>", and "Get Firefox on your MOBILE >>". A purple callout bubble with a white border points to the page and contains the text "You have successfully installed Firefox". A small circular badge with the number "6" is in the top right corner of the browser window.

6

Welcome to Firefox - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.mozilla.com/en-US/firefox/3.6/firstrun/

Most Visited Getting Started Latest Headlines

Welcome to Firefox

Mozilla Firefox is free and open source software from the non-profit Mozilla Foundation. Know your rights...



Firefox® 3.6

WELCOME!

Firefox is created by Mozilla, a non-profit organization dedicated to promoting openness, innovation and opportunity on the Web. Simply put, we want to make the Web better for everyone (including you, of course). Thanks for your support, and happy browsing!

Here are some things you can do to get started:

- Decorate your Firefox with **PERSONAS** >>
- Browse better with **ADD-ONS** >>
- Get Firefox on your **MOBILE** >>

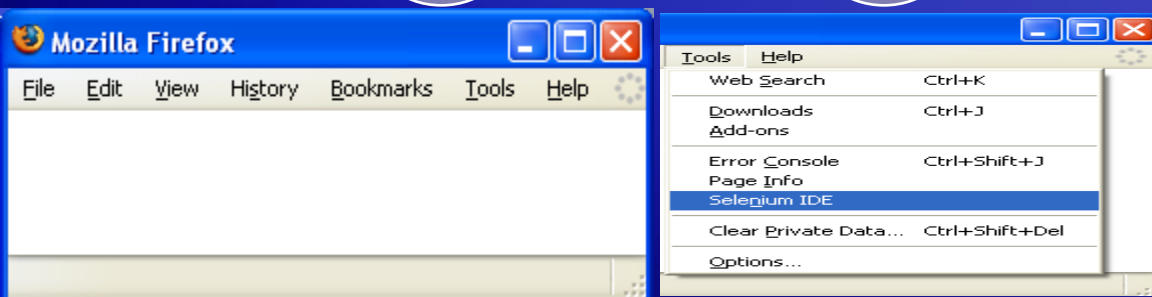
http://www.getpersonas.com/gallery?source=fxfirstrun

You have successfully installed Firefox

- Open the Firefox browser window (*1)
- Go to Tools → Check whether Selenium IDE already exist there (*2)
- If you see “Selenium IDE”, Hurray, You are already having Selenium IDE plug-in is installed in your Firefox browser
- If not installed then follow the instruction on the next slide

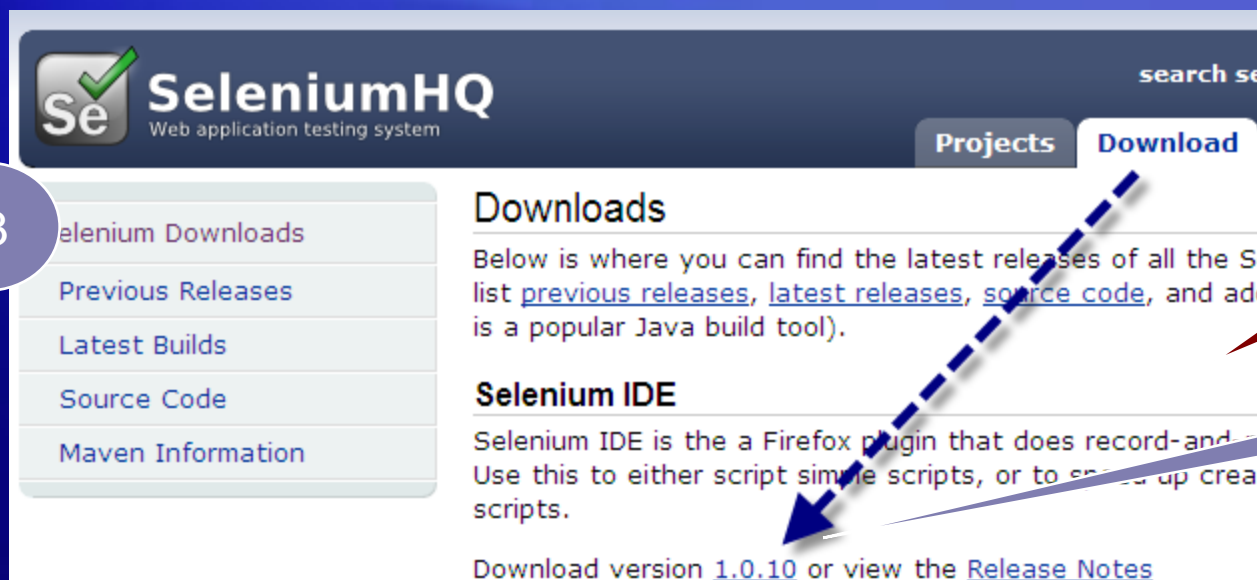
*1

*2



Check whether Selenium IDE is already installed

- Open the Firefox browser window (*1)
- In the navigation tool bar type the below URL:
 - <http://seleniumhq.org/download/>
 - Under Downloads Choose Selenium IDE(*1)

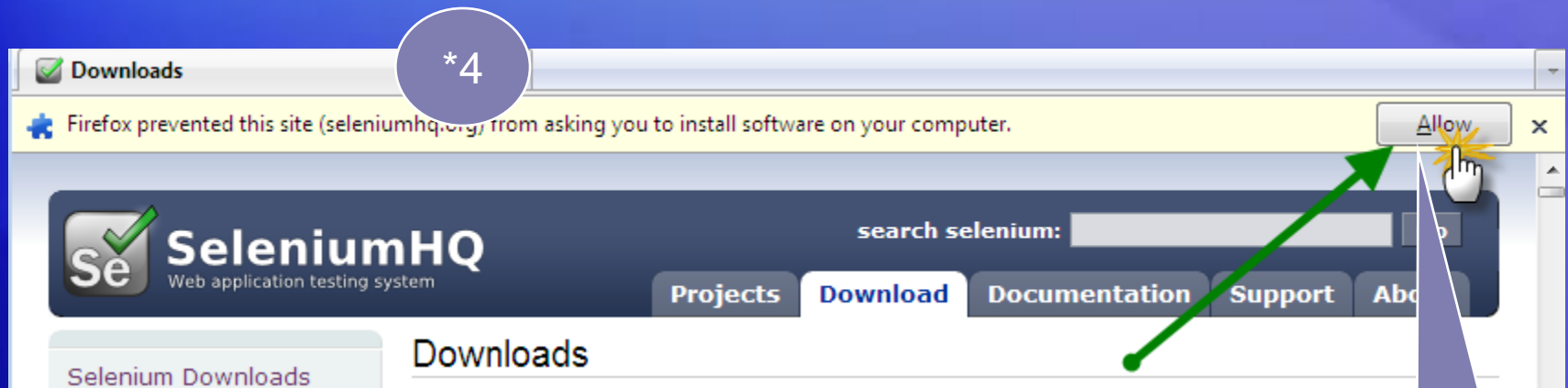


*3

Don't do this in
IE browser

Click download

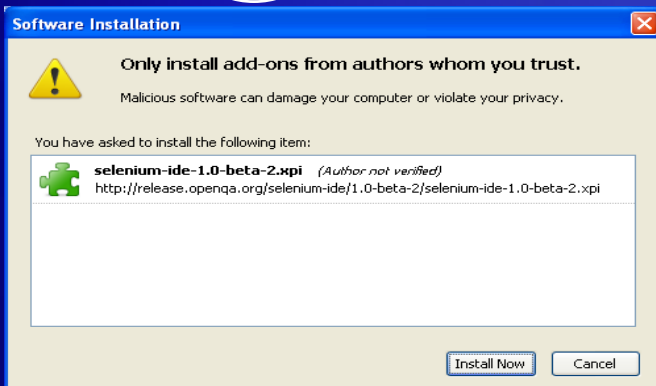
- Click Allow if Firefox prevents to install (*4)



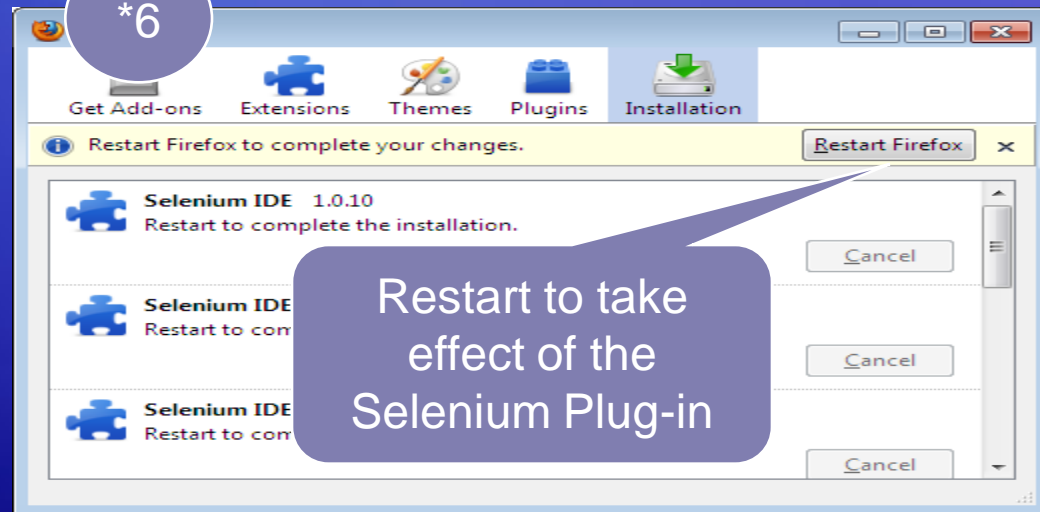
Click Allow

- When the Software Installation Window appears, select “Selenium IDE” (*5)
- Press Install button
- “Selenium IDE” Add on is installed (*6)
- Click on “Restart Firefox” button(*6)

*5

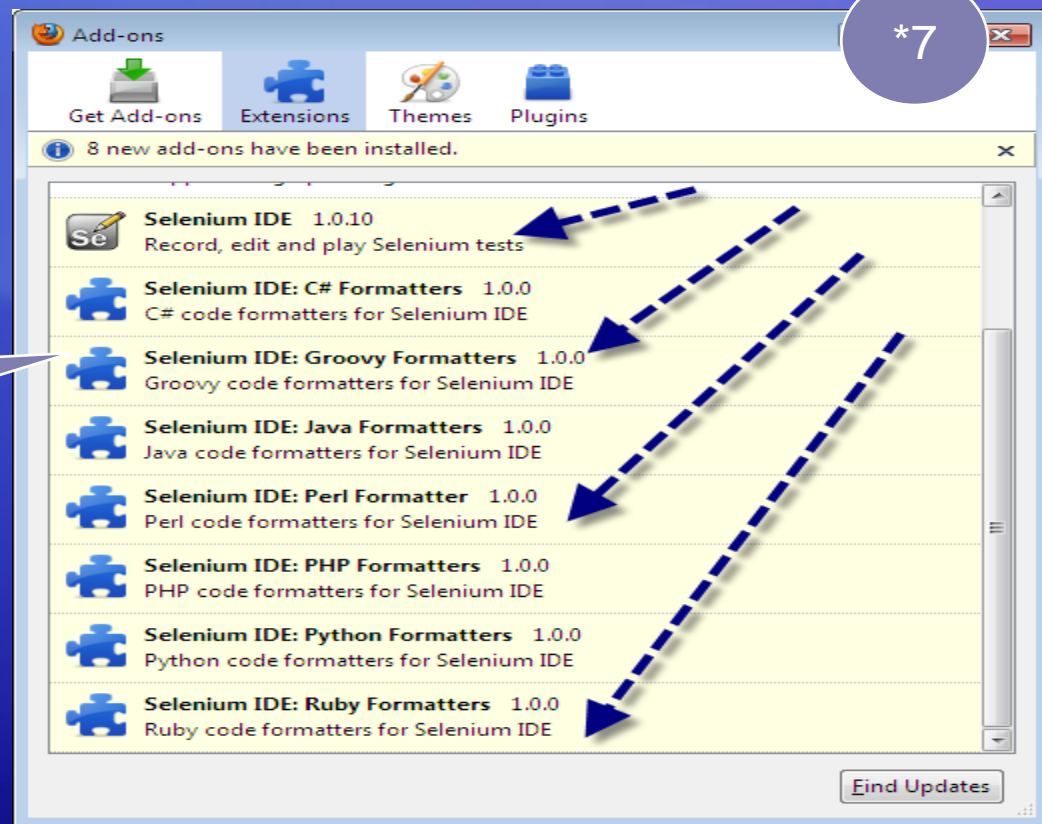


*6

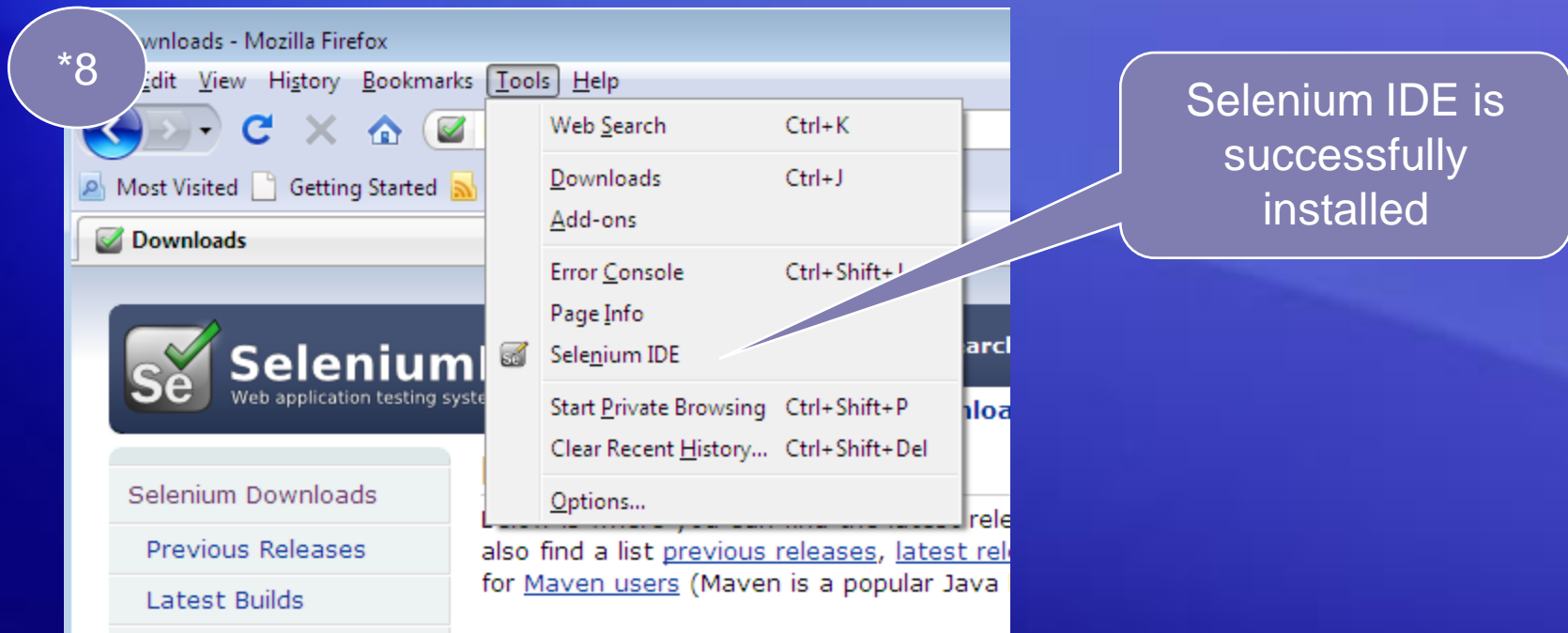


- When you install Selenium IDE, along with it all the Selenium IDE language formatters also gets installed (*7)

Selenium IDE
and Formatters
are installed



- Now, in the Firefox browser go to Tools and verify whether “Selenium IDE” is displayed (*8).
- If found, then the Selenium IDE installation is completed. (Congrats !)

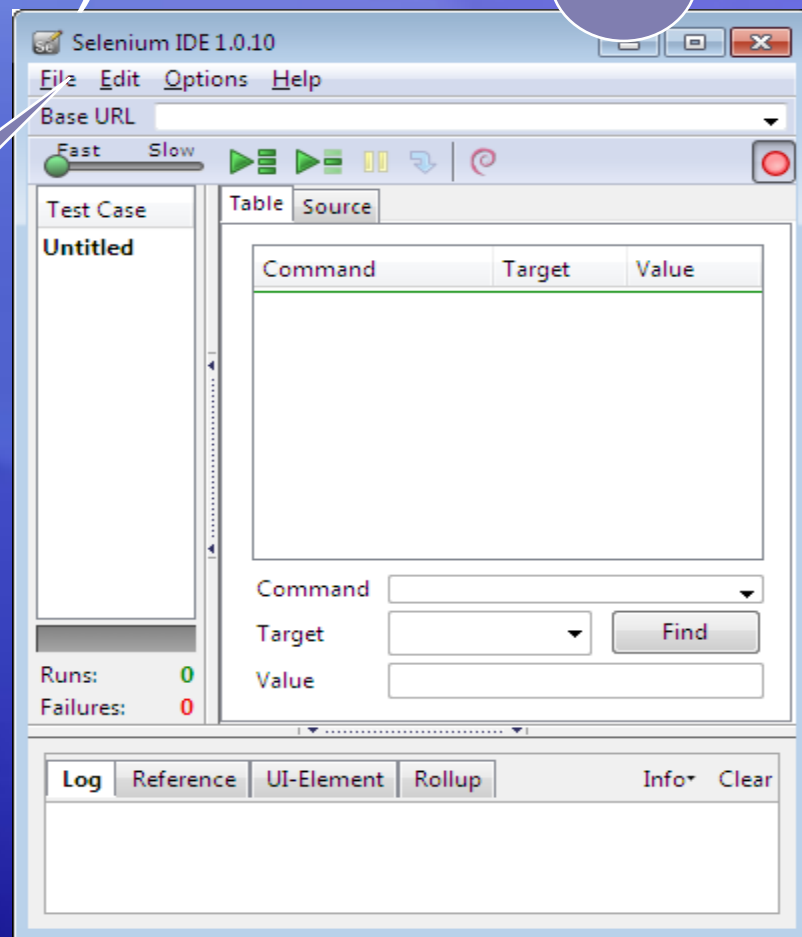


Installing Selenium IDE

#9

- Click Selenium IDE in the menu which will bring the Selenium IDE to you (*9)

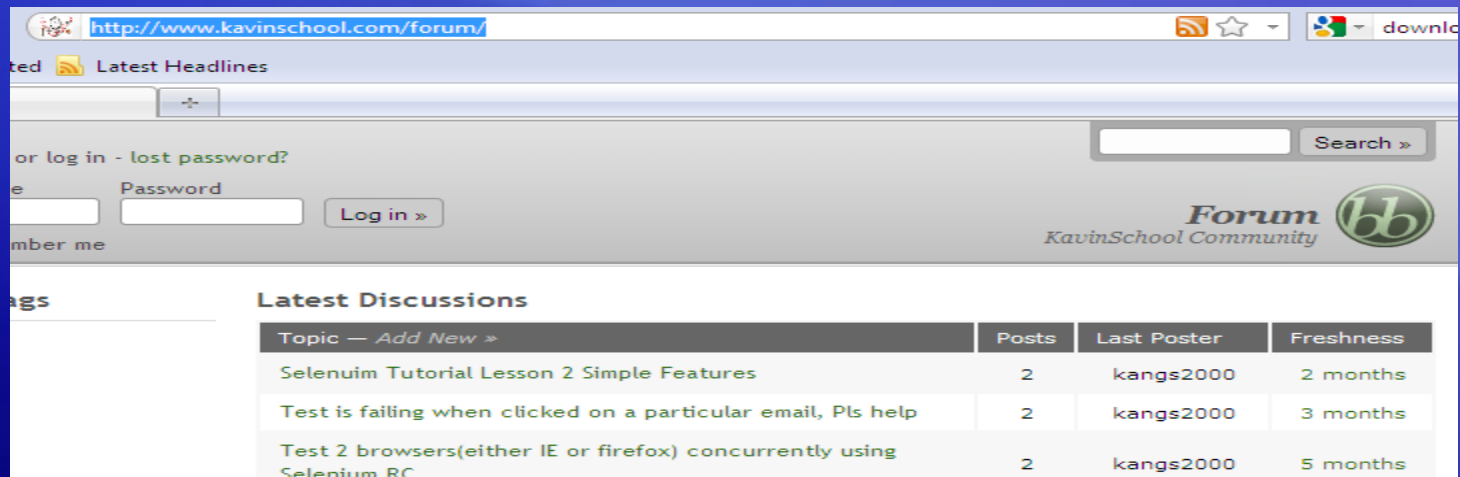
Selenium IDE is successfully installed



1. Why do you choose Selenium over QTP for automation?
2. What are the limitations of Selenium?
3. Find the advantages of following testing Tools:
 - Watir/WET
 - LiquidTest
 - StoryTestIQ (STIQ)
 - Bromine
 - CubicTest
 - Frankenstein

4. Find the advantages of following testing frameworks:
- JUnit, TestNG (Java)
 - NUnit (.Net)
 - Unittest(Python)
 - RSpec, Test::Unit (Ruby)

1. Check Kavin School Forum for the alumni students answers
2. Click the below URL
3. <http://www.kavinschool.com/forum/>
4. If you have any Selenium related questions post in the forum



The screenshot shows the KavinSchool Forum website. The browser address bar displays <http://www.kavinschool.com/forum/>. The page features a search bar, a login section with fields for email and password, and a "Log in" button. The main content area is titled "Latest Discussions" and contains a table with the following data:

Topic — Add New »	Posts	Last Poster	Freshness
Selenium Tutorial Lesson 2 Simple Features	2	kangs2000	2 months
Test is failing when clicked on a particular email, Pls help	2	kangs2000	3 months
Test 2 browsers(either IE or firefox) concurrently using Selenium RC	2	kangs2000	5 months