



Kavin School Presents:

Selenium Web Test Tool Training Using Ruby Language

Discover the automating power of Selenium

Presented by:

Kangeyan Passoubady (Kangs)

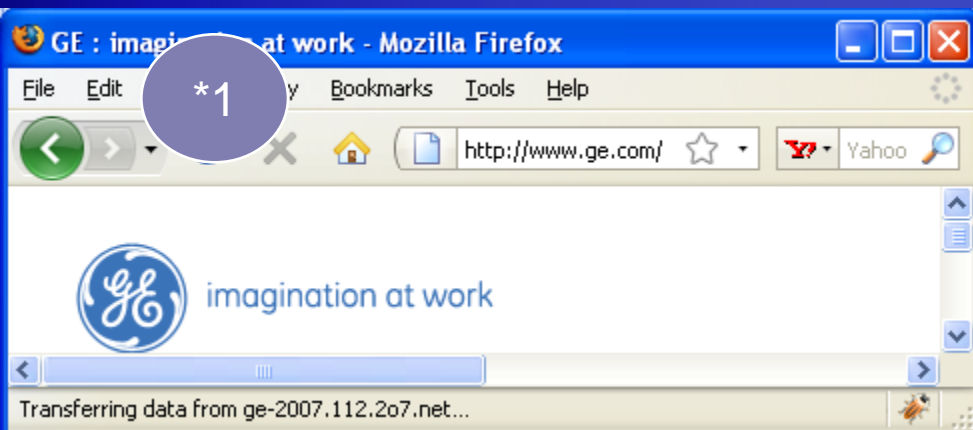
1

Day

Running a Sample Test

Running an automated test in Selenium IDE #1

- For our initial simple automated test follow the below steps
 - Open Firefox browser (*1)
 - In the navigation bar enter www.ge.com
 - Go to Tools → Selenium IDE (*2)



Running an automated test in Selenium IDE #2

- Click the Red round button at the right side (*1)
- Now go to the other Browser window
 - In the Search text box enter “energy efficient” then click Search button (*2)

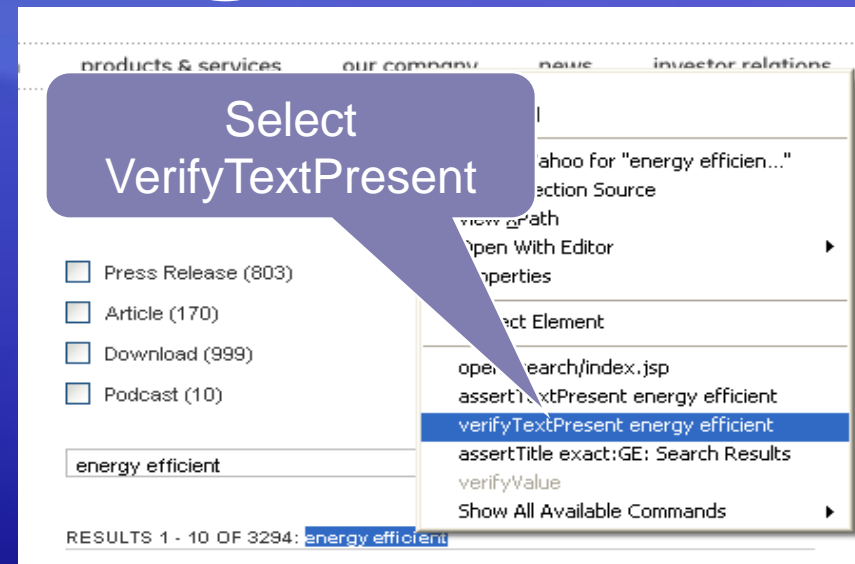
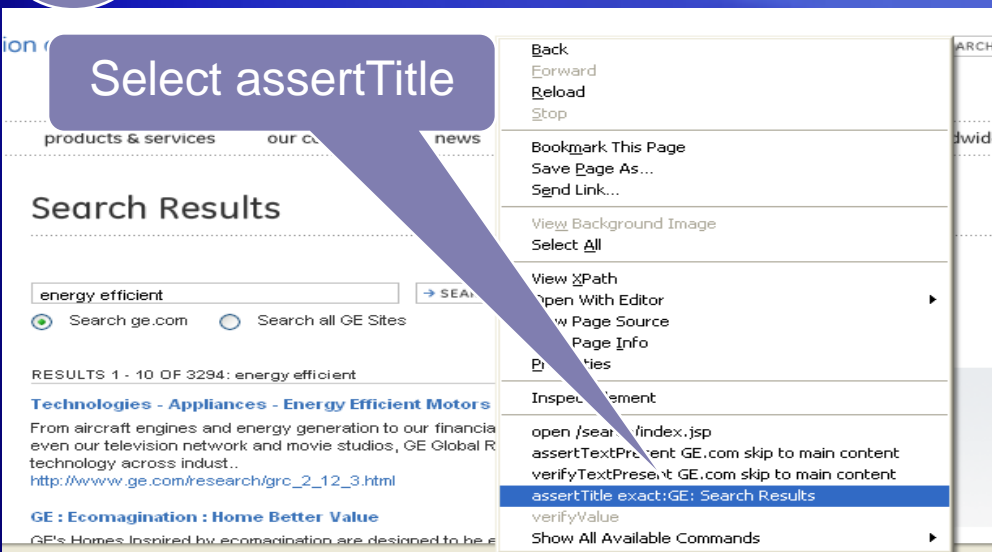
The image shows two windows side-by-side. On the left is the Selenium IDE interface. A red circular button is highlighted with a callout box containing the text '*1' and 'Click here to Record'. Below this, a callout box contains the text '*2' and 'Enter a text value then press search button'. On the right is a browser window showing a search page. The search text box contains the text 'energy efficient' and the search button is labeled 'SEARCH'. A callout box with the text '*2' points to the search button.

Running an automated test in Selenium IDE #3

- Right click on the Firefox window
 - Select `assertTitle exact:GE Results`
- Highlight “energy efficient” word
 - Select `VerifyTextPresent`

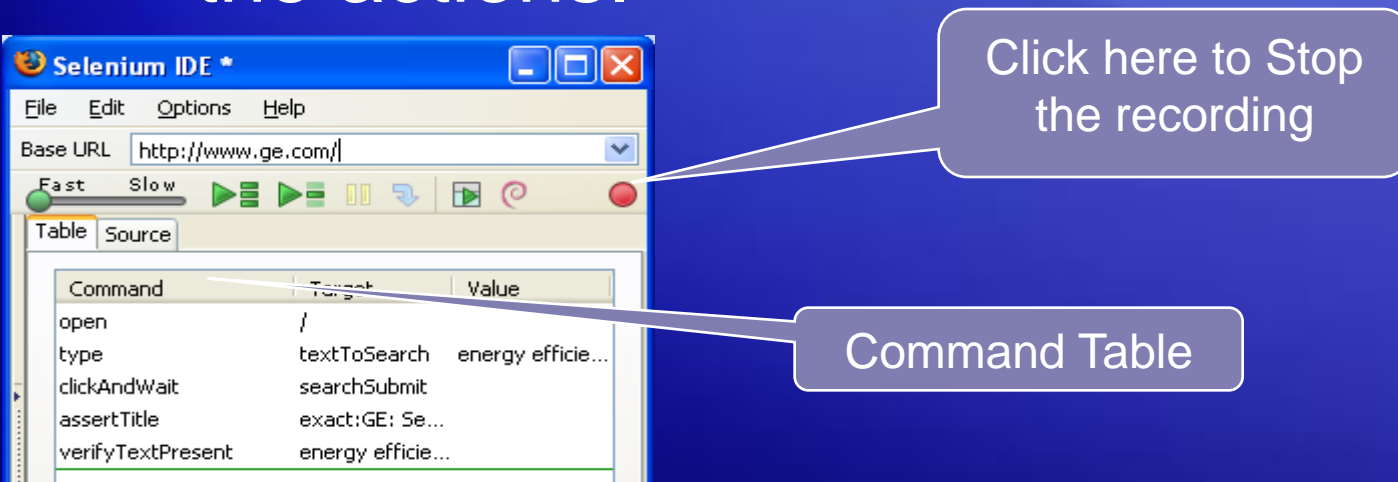
*1

*2



Running an automated test in Selenium IDE #4

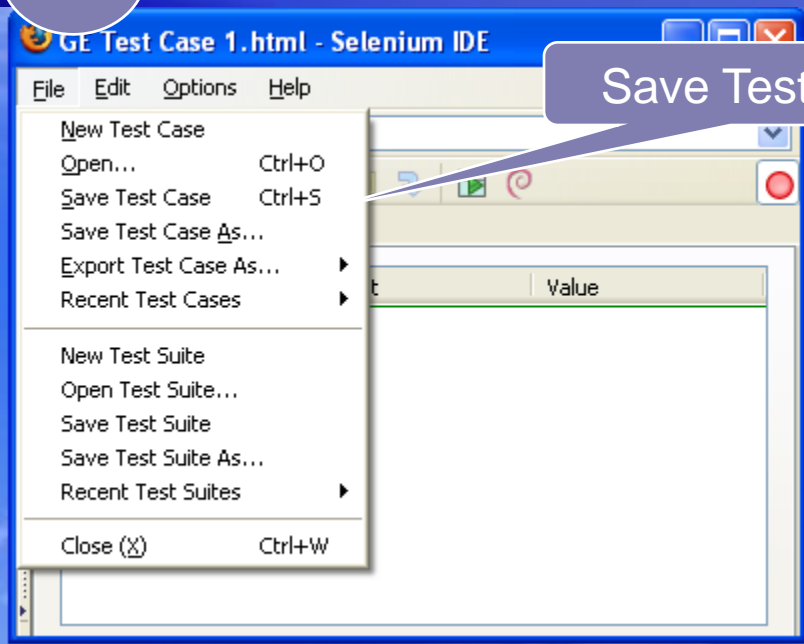
- Now go to Selenium IDE
 - What do you see?
 - All your actions are recorded and displayed sequentially under Command Table Tab
 - Click the Red circle again to stop recording the actions.



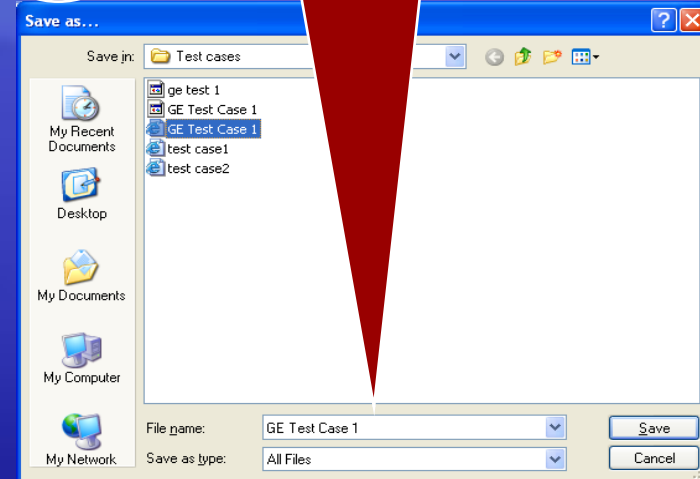
Running an automated test in Selenium IDE #4

- Now Save the Test Case
 - File → Save Test Case (Short Cut, Ctrl+S)(*1)
 - Browse to “C:\BasicSelenium\Week1\Ex”
 - Enter name “TC_GE_EE.html” (*2)

*1



*2



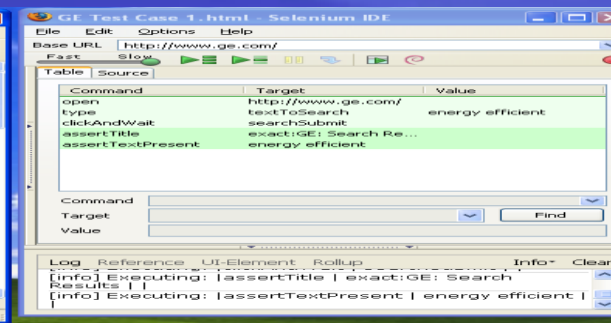
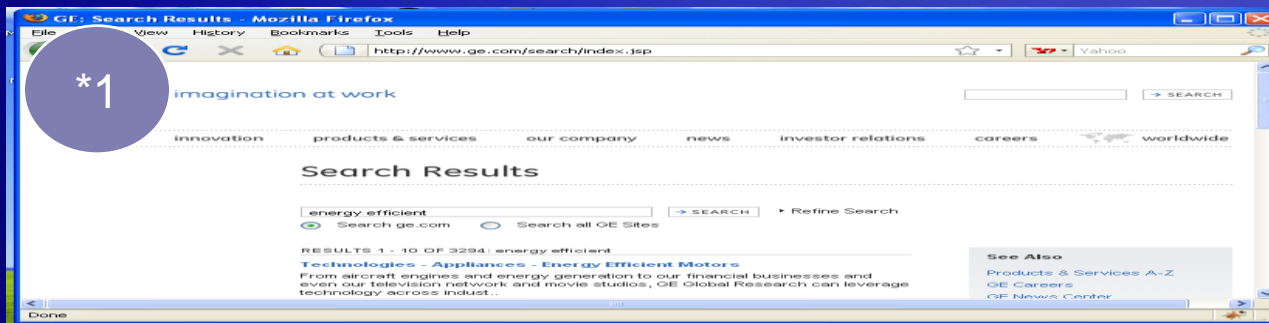
Running an automated test in Selenium IDE #5

- Congrats !!
- You have completed the first automatic test case using Selenium IDE
- Now we'll play back the recorded Test

The image shows two screenshots of the Selenium IDE interface. The left screenshot shows the 'Fast' and 'Slow' playback controls, with a callout bubble labeled '*1' pointing to the 'Slow' button and another callout bubble saying 'Click to play the Test Case'. The right screenshot shows the same interface with a callout bubble labeled '*2' pointing to the 'Slow' button and another callout bubble saying 'Make the test case running in slow mode'. Below the playback controls is a table with columns 'Command', 'Target', and 'Value'.

Command	Target	Value
open	http://www.ge.com/	
type	textToSearch	energy efficient
clickAndWait	searchSubmit	
assertTitle	exact:GE: Search Re...	
assertTextPresent	energy efficient	

- Don't close the parent Firefox browser
- To notice the play back of test case, keep it in slow mode
- Keep the Firefox browser window small size and Selenium IDE next to it. (*1)
- You can notice the steps done in both the windows simultaneously.



- Open a specific URL (www.ge.com)
- Search for a specific text (“energy efficient”)
- Check whether the windows title matches “GE Results”
- Check whether the result set contains “energy efficient” text
- If you see all the command line rows turns at the end of the test **Green** color, then the test is passed. If a specific test failed it will be shown with **Red** color.

- Open a specific URL (www.amazon.com)
- Select “Books” under Search Select List
- Search for a specific text (“selenium IDE”) in #1 page
- Sort by “Prize: Low to high”
- Check whether the windows title matches “Amazon.com: selenium IDE: Books”
- Check whether the result set contains “Selenium IDE” text
- Click the link #2
- Check whether the result set contains “Selenium IDE” text

- Open a specific URL (<http://www.barnesandnoble.com/>)
- Search for a specific text (“Javascript”) in #1 page
- Sort by “Prize^”
- How do you check “Online Price: \$\$\$” is in sorted order?