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Execute Selenium test on chrome browser on MAC using Selenium

September 3, 2016 by Mukesh Otwani — 12 Comments

To start any third party browser (Chrome, Opera etc.) Chrome browser on MAC using Selenium we have to use some drivers which will interact with the browsers.

In windows, we have already seen working with IE, Chrome, Firefox and mobile browsers as well.

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First step- Download the drivers for MAC

Download link http://chromedriver.storage.googleapis.com/index.html?path=2.23/

Second step- In MAC we have one directory called /usr/local/
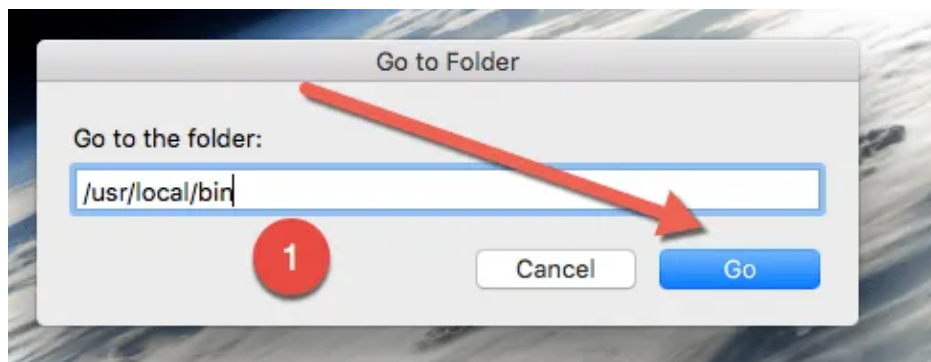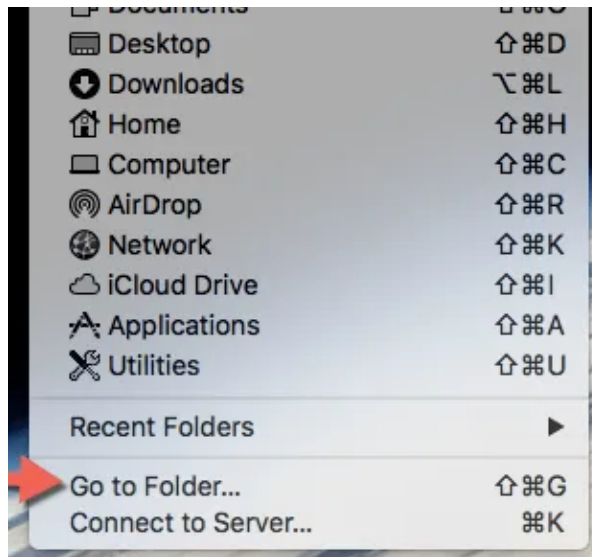
In above location, you can create bin folder (if not created).

Now you have to copy the driver in /usr/local/bin and that all

Good thing which I like here is we don't have to remember the path variable like webdriver.chrome.driver

Program for Chrome browser on MAC using Selenium

```
1   import java.util.concurrent.TimeUnit;
2
3   import org.openqa.selenium.WebDriver;
4
5   import org.openqa.selenium.chrome.ChromeDriver;
6
7
8
9   public class HandleDropDown3 {
10
11
12
13      public static void main(String[] args) throws InterruptedException {
14
15
16
17
18
19          WebDriver driver=new ChromeDriver();
20
21
22
23          driver.manage().window().maximize();
24
25
26
27          driver.manage().timeouts().pageLoadTimeout(1, TimeUnit.SECONDS);
28
29
30
31          driver.get("http://learn-automation.com/");
32
33
34
35
36
```

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Hope you have liked the above article, I have used in a straight way but if you know any other way to handle drivers in Selenium then feel free to share your thoughts in comment section.

Filed Under: Basic Selenium

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Comments

Jahnavi says

September 6, 2019 at 2:37 AM

HI Mukesh,

Thanks for the article, your blog and videos have helped me learn a lot in my automation journey. I am wondering if you have come across a scenarios where you had the program to look at a specific file to load configurations. When I used windows to develop the scripts:

string configFilePath = Path.Combine(libraryFilePath, "Config\\config.json");

We have been moving over to MAC, and it does not seem to like the folder structure, what is the best possible way to resolve this other than getting the OS and including an if condition

Reply

Mukesh Otwani says

September 13, 2019 at 3:08 PM

Hi Jahnavi,

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Akash says
August 2, 2019 at 4:53 PM

I have always used windows for automation purpose. In an interview they gave me Mac to write the script. i wrote it correctly but the browser was not launching. and i got rejected. now i know what mistake i did.

Reply

Mukesh Otwani says
August 2, 2019 at 5:18 PM

Hi Akash,

Would you please let me know, which mistake you found?

Reply

Riley says
July 24, 2019 at 5:06 AM

Oh my god I've searched for an entire day and this article is the ONLY thing that has finally worked! Thank you so much for this! Was getting so frustrated at the complexity of Selenium and the minimal documentation for Mac and this is what finally did the trick for me!

Reply

~y,

Glad that my blog post helped you. You're always welcome…:)

Reply

Yashasri says
February 1, 2017 at 6:31 PM

Awesome content Mukesh!
I'm feeling lucky that I found this site.

God bless you Bro!

Reply

Mukesh Otwani says
February 2, 2017 at 2:50 PM

Thanks Yashasri 🙂 Keep in touch.

Reply

Mrinal kumar says
October 23, 2016 at 10:04 AM

And pls share the procedure to launch safari also

Reply

For Safari you can install just small plugin in browser and rest Selenium will handle.

To launch call SafariDriver()

Reply

Raja says
October 19, 2016 at 12:36 PM

Really cool!, Thanks buddy.

Reply

Mukesh Otwani says
October 20, 2016 at 2:12 PM

Thanks Raja

Reply

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