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Execute Selenium test on chrome browser on MAC using Selenium

September 3, 2016 by [Mukesh Otwani](#) — [14 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.

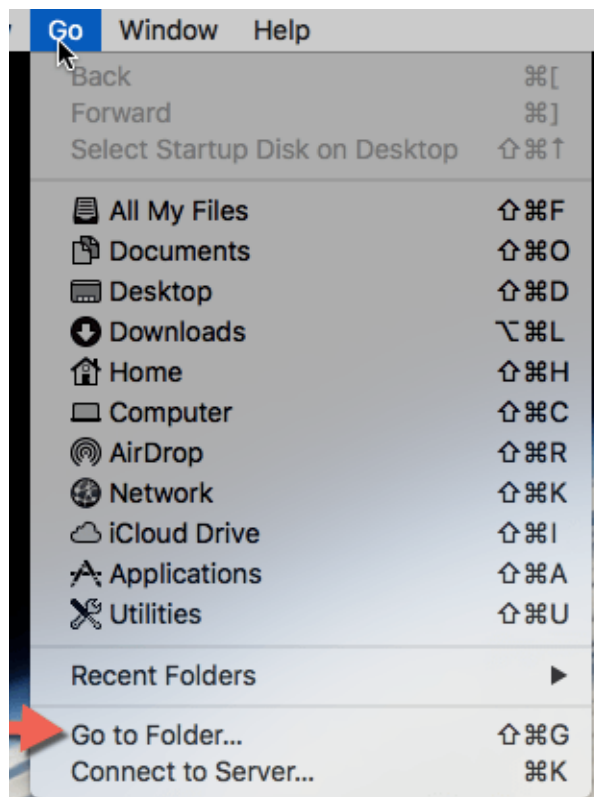
In windows, we have already seen working with [IE](#), [Chrome](#), [Firefox](#) and [mobile browsers](#) as well.

In windows, it's quite easy to download and specify the path in the program but in MAC we have to keep all the driver in a specific folder and then Selenium will start the execution directly.

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	<u>Name</u>	Last modified	Size	ETag
	Parent Directory	-	-	-
	chromedriver_linux32.zip	2016-08-04 19:13:20	3.00MB	45df7fb52f4cba39a5bdcda2c16e171
	chromedriver_linux64.zip	2016-08-04 19:02:02	2.98MB	cc89692d75fb0bdfe700ec0ca19808a5
	chromedriver_mac64.zip	2016-08-11 23:24:45	4.37MB	92fa9afe62c75557bc08af3fe3450b2b
	chromedriver_win32.zip	2016-08-04 21:13:00	2.44MB	6856adb07cc8683d2a1587c05f37f1be
	notes.txt	2016-08-18 18:18:02	0.00MB	4fd49a545428804a23905a4637c461d7

Second step- In MAC we have one directory called /usr/local/



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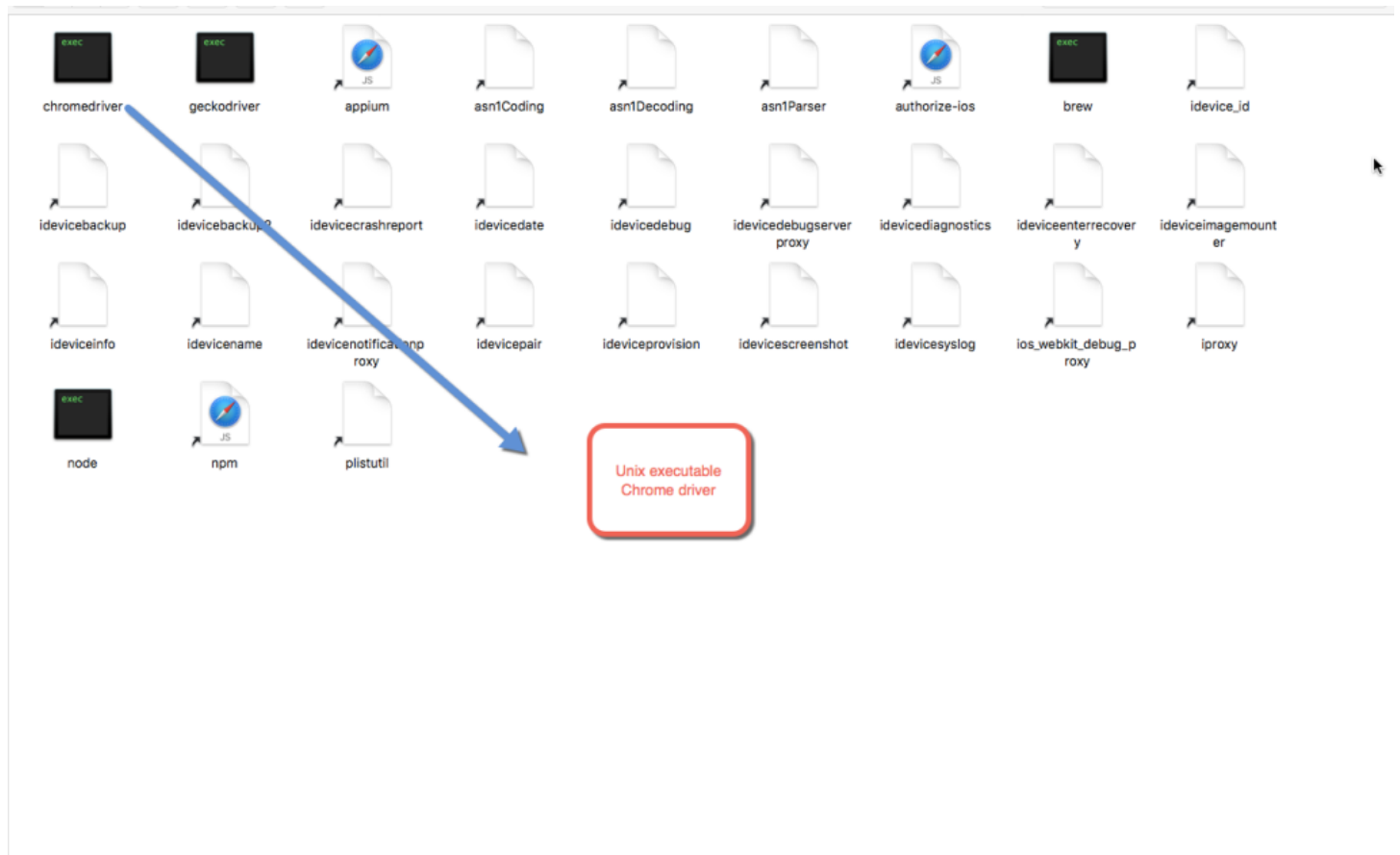
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In above location, you can create bin folder (if not created).

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

```
import java.util.concurrent.TimeUnit;
```

```
import org.openqa.selenium.WebDriver;
```

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```
public static void main(String[] args) throws InterruptedException {
```

```
    WebDriver driver=new ChromeDriver();
```

```
    driver.manage().window().maximize();
```

```
    driver.manage().timeouts().pageLoadTimeout(1, TimeUnit.SECONDS);
```

```
    driver.get("http://learn-automation.com/");
```

```
}
```

```
}
```

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Comments

**storm of games** says

April 20, 2022 at 6:01 PM

what a great post sir I am regular visitor of this blog and I love your blog

[Reply](#)**Mukesh Otwani** says

April 21, 2022 at 10:35 AM

Thanks 😊

You're always welcome

[Reply](#)**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

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Mukesh Otwani says

September 13, 2019 at 3:08 PM

Hi Jahnavi,

Instead absolute or full file path, use relative path with respect to your project root folder like **./Config/config.properties**. This will work on all OS.

[Reply](#)



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](#)

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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](#)

Mukesh Otwani says

July 24, 2019 at 9:59 AM

Hi Riley,

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.

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October 20, 2016 at 10:04 AM

And pls share the procedure to launch safari also

[Reply](#)**Mukesh Otwani** says
October 25, 2016 at 2:00 PM

Hi Mrinal,

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

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