

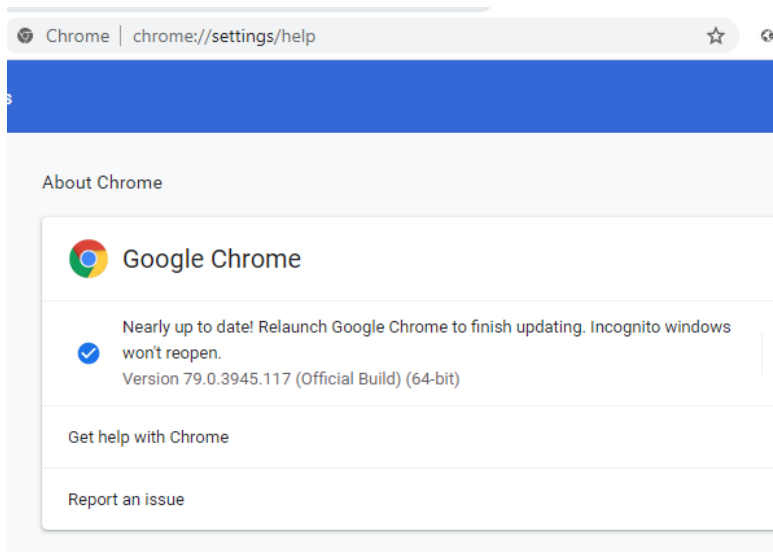
R Selenium

Steps:

1. Download the web browser driver
2. Download selenium server (jar file)
3. Run selenium server
4. Run R code.

For Chrome user:

Chrome Browser Version



<https://chromedriver.chromium.org/downloads>

Downloads








Current Releases

- If you are using Chrome version 80, please download [ChromeDriver 80.0.3987.16](#)
- If you are using Chrome version 79, please download [ChromeDriver 79.0.3945.36](#)
- If you are using Chrome version 78, please download [ChromeDriver 78.0.3904.105](#)
- For older version of Chrome, please see below for the version of ChromeDriver that supports it.

If you are using Chrome from Dev or Canary channel:

For Firefox user:

<https://github.com/mozilla/geckodriver/releases>

▼ Assets 7		
	geckodriver-v0.26.0-linux32.tar.gz	2.22 MB
	geckodriver-v0.26.0-linux64.tar.gz	2.28 MB
	geckodriver-v0.26.0-macos.tar.gz	1.91 MB
	geckodriver-v0.26.0-win32.zip	1.37 MB
	geckodriver-v0.26.0-win64.zip	1.46 MB
	Source code (zip)	
	Source code (tar.gz)	

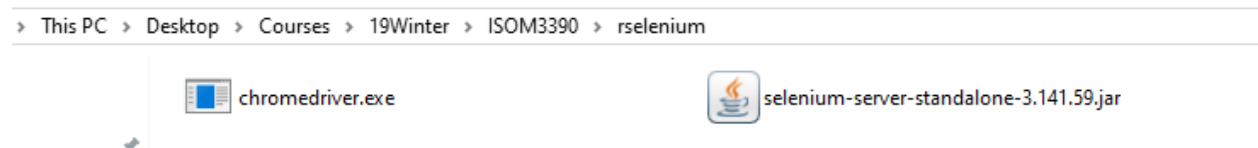
Selenium Server

<https://selenium.dev/downloads/>

Download selenium-server-standalone-3.141.59.jar

Latest stable version **3.141.59**

Put driver and selenium server executable file together



Launch cmd (Windows)/ terminal (Mac)

Go to the path that you store the two file. E.g.:

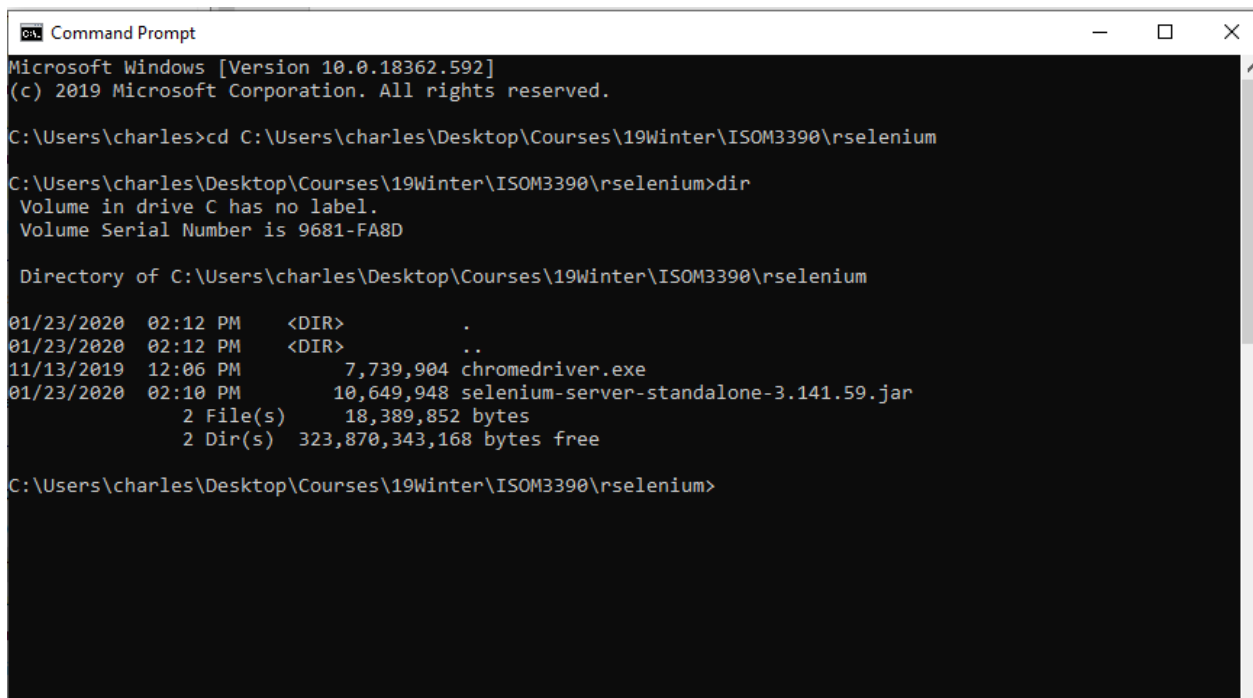
```
cd C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium
```

```
dir
```

to list out the files in that location (for windows user)

```
ls
```

to list out the files in that location (for mac user)



```
Command Prompt
Microsoft Windows [Version 10.0.18362.592]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\charles>cd C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium

C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium>dir
Volume in drive C has no label.
Volume Serial Number is 9681-FA8D

Directory of C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium

01/23/2020  02:12 PM    <DIR>          .
01/23/2020  02:12 PM    <DIR>          ..
11/13/2019  12:06 PM             7,739,904 chromedriver.exe
01/23/2020  02:10 PM          10,649,948 selenium-server-standalone-3.141.59.jar
                2 File(s)      18,389,852 bytes
                2 Dir(s)   323,870,343,168 bytes free

C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium>
```

Run selenium server:

Command:

```
java -Dwebdriver.chrome.driver=chromedriver.exe -jar selenium-server-standalone-3.141.59.jar
```

if you are firefox user:

```
java -Dwebdriver.firefox.driver=geckodriver.exe -jar selenium-server-standalone-3.141.59.jar
```

```
Select Command Prompt - java -Dwebdriver.chrome.driver=chromedriver.exe -jar selenium-server-standalone-3.141.59.jar

Directory of C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium
01/23/2020  02:12 PM    <DIR>          .
01/23/2020  02:12 PM    <DIR>          ..
11/13/2019  12:06 PM             7,739,904  chromedriver.exe
01/23/2020  02:10 PM      10,649,948  selenium-server-standalone-3.141.59.jar
                2 File(s)      18,389,852 bytes
                2 Dir(s)    323,870,343,168 bytes free

C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium>java -Dwebdriver.chrome.driver=C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium\chromedriver.exe -jar selenium-server-standalone-3.141.59.jar
14:14:46.382 INFO [GridLauncherV3.parse] - Selenium server version: 3.141.59, revision: e82be7d358
14:14:46.520 INFO [GridLauncherV3.lambda$buildLaunchers$3] - Launching a standalone Selenium Server on port 4444
2020-01-23 14:14:46.591:INFO::main: Logging initialized @512ms to org.seleniumhq.jetty9.util.log.StdErrLog
14:14:46.897 INFO [WebDriverServlet.<init>] - Initialising WebDriverServlet
14:14:47.194 INFO [SeleniumServer.boot] - Selenium Server is up and running on port 4444

C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium>

C:\Users\charles\Desktop\Courses\19Winter\ISOM3390\rselenium>java -Dwebdriver.chrome.driver=chromedriver.exe -jar selenium-server-standalone-3.141.59.jar
14:16:30.965 INFO [GridLauncherV3.parse] - Selenium server version: 3.141.59, revision: e82be7d358
14:16:31.045 INFO [GridLauncherV3.lambda$buildLaunchers$3] - Launching a standalone Selenium Server on port 4444
2020-01-23 14:16:31.087:INFO::main: Logging initialized @310ms to org.seleniumhq.jetty9.util.log.StdErrLog
14:16:31.267 INFO [WebDriverServlet.<init>] - Initialising WebDriverServlet
14:16:31.464 INFO [SeleniumServer.boot] - Selenium Server is up and running on port 4444
```

Run the code in Rmd, A chrome/firefox window pops up.

