

Browser Commands

1. Url Command: *browser.url(url)*

- The *browser.url(url)* command opens the specified URL in the browser instance. The command takes a single string type parameter that is usually a URL of an application under test

Eg.

```
browser.url('chercher.tech/practice/popups');
```

2. Get Title:

- The *getTitle()* command is used to retrieve the title of the webpage the user is currently working on. A null string is returned if the webpage has no title. The command doesn't require any parameter and returns a trimmed string value

Eg.

```
browser.getTitle();
```

3. Get Current URL Command:

- The *browser.getUrl()* command is used to retrieve the URL of the webpage the user is currently accessing. The command doesn't require any parameter and returns a string value

Eg.

```
browser.getUrl();
```

4. Get Page Source Command:

- The `getPageSource()` command is used to retrieve the page source of the webpage the user is currently accessing. The command doesn't require any parameter and returns a string value

Eg.

`browser.getPageSource();`

JavaScript

```
it('get page title with WebdriverIO', () => {  
    browser.url('https://chercher.tech/practice/popups')  
    console.log(browser.getTitle());  
    console.log(browser.getUrl());  
    console.log(browser.getPageSource());  
});
```

Navigation Commands

1. `navigateTo(url: string)`

- a. `navigateTo()` function takes the user to the given webpage based on the url passed.

2. `back()`

- a. WebdriverIO provides `back()` command to move backward in the browser's history.

3. `forward()`

- a. `forward()` command moves forward in browser history.

4. `refresh()`

- a. `refresh()` function refreshes the current webpage in WebdriverIO

JavaScript

```
it('Navigation Commands in WebdriverIO', () => {  
  browser.url('https://chercher.tech/practice/popups')  
  browser.navigateTo("http://google.com")  
  browser.back()  
  browser.forward()  
  browser.refresh()  
});
```

5. Maximize a browser:

- In WebDriverIO as we open a browser sometimes it may not open on full screen, thus it is a good practice to maximize a browser at the time it opens.
- WebDriverIO provides *maximizeWindow()* function to maximize the current browser window.

Eg.

```
browser.maximizeWindow();
```

6. Minimize a browser

- WebDriverIO provides *manimizeWindow()* function to minimize the current browser window.

Eg.

```
browser.minimizeWindow();
```

7. Close a browser

- WebDriverIO provides *closeWindow()* function to close the current browser window.

Eg.

```
browser.closeWindow();
```

8. FullScreenwindow -

- *fullscreenWindow* command, the browser can be seen on the full screen. It hides the browser Menu bar and bookmarks if visible.

Eg.

```
browser.fullscreenWindow();
```

Size & Position of Browser in Webdriverio

Sometimes you need to set window position and size or get window size and position. In selenium software test. WebdriverIO software testing tool has many useful methods using which we can play with a web browser window for different purposes.

What Is window size and position?

Window size means the height and width of the window.

Window position means the distance of the window from the left side(X Coordinates) of the screen and topside(Y Coordinates) of the screen.

1. Set Size of window

- a. We can use *setWindowSize()* function to set the size of the window in webdriverio.
- b. We can set window width to 400 and height to 500 dimensions using below given syntax

Eg.

browser.setWindowSize(400, 500);

2. Get the Size of the window

- a. We can use *getWindowSize()* method to get the size of the window. The given syntax will return window height and width.

Eg.

browser.getWindowSize();

JavaScript

```
it('Browser Commands with WebDriverIO', () => {  
    browser.url('https://chercher.tech/practice/popups');  
    browser.setWindowSize(400, 500);  
    console.log(browser.getWindowSize())  
});
```

3. Set position of the Browser

We can set the position of the browser window using `setWindowPosition()`

4. Get the position of the Browser

Use `getWindowPosition()` to get window position.

JavaScript

```
it('getWindowPosition Commands with WebDriverIO', () => {  
    browser.url('https://chercher.tech/practice/popups')  
    browser.setWindowPosition(400, 500)  
    console.log(browser.getWindowPosition())  
});
```

```
console.log(browser.getWindowPosition().x)
console.log(browser.getWindowPosition().y)
});
```