

Chapter2

IWebDriver Browser Commands in C#

Let's just start discussing the methods of **IWebDriver** but before that try to understand the syntax of the suggestions display by **Visual Studio for IWebDriver**.

Return Type Method Name

```
void IWebDriver.Close()
```

Method Description

Close the current window, quitting the browser if it is the last window currently open.

Return Type is String

```
string IWebDriver.PageSource { get; }
```

Gets the source of the page last loaded by the browser.

This method returns & set value

```
string IWebDriver.Url { get; set; }
```

Gets or sets the URL the browser is currently displaying.

Method: A method is a collection of statements that are grouped together to perform an operation.

- **Method Name:** To access any method of any class, we need to create an object of class and then all the public methods will appear for the object.
- **Getter & Setter :** To get and set the value.

- **Return Type:** Method can return a value or return nothing (void). If the **void** is mentioned after the method, it means the method is returning no value. And if it is returning any value, then it must display the type of the value.
- **Description :** This is the short summary of the working of the method.

URL Command

string IWebDriver.Url { get; set; } – This method **Load** a new web page in the current browser window. This method get and set the value and can be used both ways.

Command – driver.Url = "appUrl"; //To open the Url

Command – String Url = driver.Url; // To get the opened Url

Where **appUrl** is the website address to load. It is best to use a fully qualified URL.

Example:

```
driver.Url = ("https:// www.google.com");
```

Title Command

string IWebDriver.Title{ get; } – This method fetches the **Title** of the current page. Accepts nothing as a parameter and returns a String value.

Command – driver.Title;

As the return type is String value, the output must be stored in String object/variable.

Example:

```
String Title = driver.Title;
```

Page Source Command

string IWebDriver.PageSource{ get;} – This method returns the **Source Code** of the page. Accepts nothing as a parameter and returns a String value.

Command – *driver.PageSource;*

As the return type is String value, the output must be stored in String object/variable.

Example:

```
String PageSource = driver.PageSource;
```

Close Command

void IWebDriver.Close() – This method **Close** only the current window the *WebDriver* is currently controlling. Accepts nothing as a parameter and returns nothing.

Command – *driver.Close();*

Quit the browser if it's the last window currently open.

Quit Command

void IWebDriver.Quit() – This method **Closes** all windows opened by the *WebDriver*. Accepts nothing as a parameter and returns nothing.

Command – *driver.Quit();*

Close every associated window