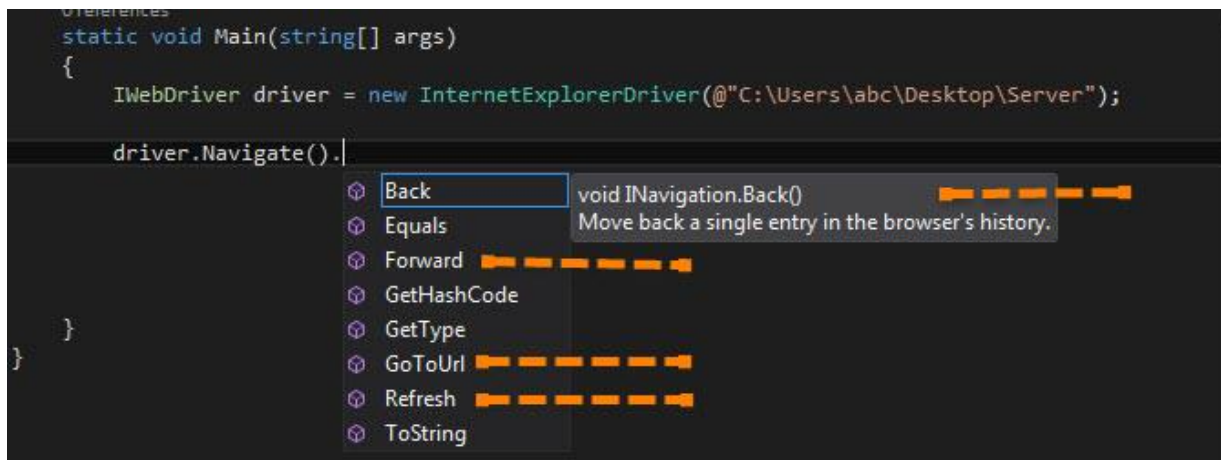


Chapter3

Browser Navigation Commands in C#

Lets understand how we can do different types of navigation in a browser using the Browser Navigation Commands of *IWebDriver* implementation. ***IWebDriver*** interface is implemented by all the supported browser classes, hence you will find these navigation commands in all browsers. We are going to discuss about various navigation commands that we would be using in our day to day automation testing. The ***INavigation*** interface exposes the ability to move backwards and forwards in the browser's history.

To access the navigation's method, just type ***IWebDriver.navigate()***.. If you are using Visual studio or any IDE which supports intellisense, you will see the list of available navigation commands that you can use. Below is the image showing all the Commands.



We have four Navigation commands

1. **GoToUrl**
2. **Back**
3. **Forward**
4. **Refresh**

GoToUrl Command

This command is used to navigate to a particular page. Signature of this command is

void INavigation.GoToUrl(String url) :

This command takes a String value of the URL as input parameter and returns void. Once this statement is executed browser navigates to the new page specified by the URL parameter.

Command – ***driver.Navigate().GoToUrl(appUrl);***

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

Usage:

```
driver.Navigate().GoToUrl("https://Google.com");
```

Back Command

Back command is used to navigate to the previous page in the browser history. This is exactly similar to what happens when you click on the back button in your browser.

void INavigation.Back() :

This command does not take any parameter.

Takes you back by one page on the browser's history.

Usage:

```
driver.Navigate().Back();
```

Forward Command

Forward command is used to navigate to the next page in the browser history. This is exactly similar to what happens when you click on the forward button in your browser,

if you have some history in forward direction

void INavigation.Forward() : This command does not takes any parameter.

Takes you forward by one page on the browser's history.

Usage:

```
driver.Navigate().Forward();
```

Refresh Command

This command refreshes the page as if you have pressed F5 on the browser.

void INavigation.Refresh() :

This command does not takes any parameter

Usage:

```
driver.Navigate().Refresh();
```

Refer to the snapshots while practicing hands on:

I am attaching the snapshots on how to add references to your project using "[Nuget package Manager](#)"

ADD :

1. Selenium
2. Selenium.support package.
3. I have used Google chrome browser, so I have added "[Chrome Driver](#)"

