

Selenium Webdriver - Browser Navigation Command

To access the navigation's method, just type ***driver.navigate()***. The IntelliSense feature of the eclipse will automatically display all the public methods of ***Navigate Interfaces*** shown in the below image.



Note: Only methods that are followed by ***Navigation*** keyword are belongs to navigate. Rest followed by ***Object*** keyword are the generic methods gets from Object Class in Java. You will find these methods for every object of java language.

Navigate To Command - How to Navigate to URL or How to open a webpage in Selenium Browser?

to(String arg0) : void - This method ***Loads*** a new web page in the current browser window. It accepts a String parameter and returns nothing.

Command - *driver.navigate().to(appUrl);*

It does exactly the same thing as the ***driver.get(appUrl)*** method. Where ***appUrl*** is the website address to load. It is best to use a fully qualified URL.

```
driver.navigate().to("https://www.DemoQA.com");
```

Forward Command - How to browser Forward in Selenium Browser?

forward() : void - This method does the same operation as clicking on the **Forward Button** of any browser. It neither accepts nor returns anything.

Command - driver.navigate().forward();

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

```
driver.navigate().forward();
```

Back Command - How to browse backward in Selenium Browser?

back() : void - This method does the same operation as clicking on the **Back Button** of any browser. It neither accepts nor returns anything.

Command - driver.navigate().back();

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

```
driver.navigate().back();
```

Refresh Command - How to Refresh Selenium Browser?

refresh() : void - This method **Refresh** the current page. It neither accepts nor returns anything.

Command - driver.navigate().refresh();

Perform the same function as pressing F5 in the browser.

```
driver.navigate().refresh();
```

Practice Exercises for Selenium Navigation Commands

Practice Exercise

- . Launch new Browser
- . Open DemoQA.com website
- . Click on Registration link using "driver.findElement(By.xpath("//[@id='menu-item-374']/a")).click();"*
- . Come back to Home page (Use 'Back' command)
- . Again go back to Registration page (This time use 'Forward' command)
- . Again come back to Home page (This time use 'To' command)
- . Refresh the Browser (Use 'Refresh' command)
- . Close the Browser

Solution

```
package automationFramework;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
public class NavigateCommands {
    public static void main(String[] args) {
        // Create a new instance of the FireFox driver
        WebDriver driver = new FirefoxDriver();

        // Open ToolsOA web site
        String appUrl = "https://www.DemoQA.com";
        driver.get(appUrl);

        // Click on Registration link
        driver.findElement(By.xpath("//[@id='menu-item-374']/a")).click();

        // Go back to Home Page
        driver.navigate().back();

        // Go forward to Registration page
        driver.navigate().forward();

        // Go back to Home page
        driver.navigate().to(appUrl);

        // Refresh browser
        driver.navigate().refresh();

        // Close browser
        driver.close();
    }
}
```