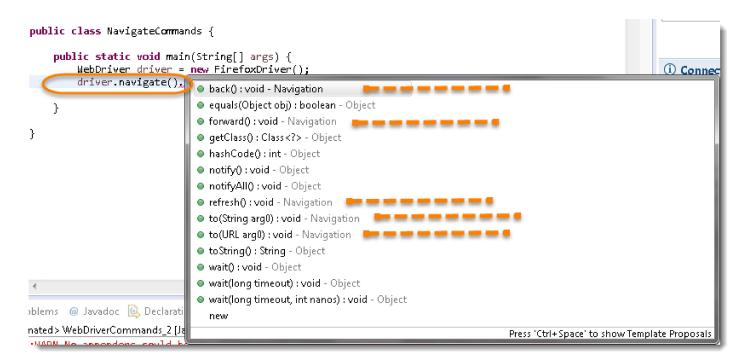
Selenium Webdriver - Browser Navigation Command

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 Interface*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 youback 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.openga.selenium.By;
        import org.openga.selenium.WebDriver;
        import org.openga.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();
        }
}
```