

---

---

# Basic Selenium constructs interfaces and documentation

---

---



1159 Sonora Court Suite 205,  
Sunnyvale CA, 94086 USA **Tel. +1**  
**(408) 220 9912 Ext 1**  
[www.qauber.com](http://www.qauber.com)

# WebDriver Object

```
FirefoxDriver wb = new FirefoxDriver();
```

Opens Browser related to the WebDriver

---

## WebDriver - void get(String URL)

\* This will go to given URL on the Browser opened when created a WebDriver Object

```
wb.get("http://www.gmail.com");
```

## WebDriver - void close()

Closes the current window

```
wb.close();
```

---

## WebDriver - void quit()

Closes all the windows of the browser

```
wb.quit();
```

---

# WebDriver - Methods

`java.lang.String`

**`getCurrentUrl()`**

Get a string representing the current URL that the browser is looking at.

`java.lang.String`

**`getPageSource()`**

Get the source of the last loaded page.

`java.lang.String`

**`getTitle()`**

The title of the current page.

# WebDriver - Finding Web Element

**WebElement**

**findElement(By by)**

Find the first **WebElement** using the given method.

**java.util.List<WebElement>**

**findElements(By by)**

Find all elements within the current page using the given mechanism.

# WebElement - TextBox

void

**sendKeys**( java.lang.CharSequence... keysToSend)

Use this method to simulate typing into an element, which may set its value.

void

**clear**()

If this element is a text entry element, this will clear the value.



# WebElement - Button

```
void
```

```
click()
```

```
Click this element.
```