**DAY-2 Material**

I**nterface**:

A Java interface defines a set of methods but does not implement them. A class that implements the interface agrees to implement all of the methods defined in the interface.

**Webdriver is the Interface**

**All Known Implementing Classes:**

[AndroidDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/android/AndroidDriver.html), [AndroidWebDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/android/library/AndroidWebDriver.html), [ChromeDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/chrome/ChromeDriver.html), [EventFiringWebDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/support/events/EventFiringWebDriver.html), [FirefoxDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/firefox/FirefoxDriver.html), [HtmlUnitDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/htmlunit/HtmlUnitDriver.html), [InternetExplorerDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/ie/InternetExplorerDriver.html),[IPhoneDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/iphone/IPhoneDriver.html), [IPhoneSimulatorDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/iphone/IPhoneSimulatorDriver.html), [RemoteWebDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/remote/RemoteWebDriver.html), [SafariDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/safari/SafariDriver.html)

**Steps for Creating class object with reference to interface**

1. Choose the Browse on which you want to perform Automation and Select the respective class to implement Webdriver

**Ex:** [FirefoxDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/firefox/FirefoxDriver.html)()

**2.** Create an object for the Class and assign name to it

**Selenium=New** [FirefoxDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/firefox/FirefoxDriver.html)();

3.Then make Class object reference to the Webdriver Interface which you want to implement

Webdriver **Selenium=New** [FirefoxDriver](http://selenium.googlecode.com/svn/trunk/docs/api/java/org/openqa/selenium/firefox/FirefoxDriver.html)();

**Basis methods of Webdriver**:

**Get()**;

Load a new web page in the current browser window.

**getCurentURl();**
Get a string representing the current URL that the browser is looking at.

**getTitle()**

The title of the current page

**getPageSource()**

Get the source of the last loaded page.

**Quit();**

Quits this driver, closing every associated window.

**Close();**

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