**Selenium Installation**

**1.0** **Download Selenium WebDriver Language Bindings**

**Navigate to**

* https://www.seleniumhq.org/download/

**Download language specific driver**

* Java 3.141.59

**Extract zip file into a directory of your choice**

**Explanation**

The reason why this is required is, in order to interact with Selenium’s server with our scripts. It also allows us to create local Selenium scripts, but is dependent on language specific client drivers.

**2.0** **Download Browser Driver (Chrome)**

**Navigate to**

* http://chromedriver.chromium.org/downloads

**Download Latest Driver for operating system**

* ChromeDriver 2.44 (chromedriver\_win32)

**Extract zip file into a directory of your choice (Preferably same as language**

**bindings)**

**Explanation**

The Selenium Browser Driver is a collection of open source APIs which are used

to automate the testing of a web application.

**3.0** **Update Google Chrome Web Browser**

**Navigate to**

* https://www.google.com/chrome/

**Run Installer**

**Explanation**

Selenium uses your version of the web browser to emulate. On the lab

computers they use an older version of chrome that is not supported. In

order to use Selenium we need to update our browser to a newer version.

**4.0** **Setup IDE (Eclipse for demo)**

**Navigate to**

* https://www.eclipse.org/downloads/

**Download community edition & run installer**

* Follow installer directions for complete installation of Eclipse

**Create New Java Project**

* Right click project directory → Build Path → Configure Build Path → Libraries (tab) → Add External JARS… →
* Within your unzipped selenium language binding directory, add the following…
* Client-combined-3.141.59-sources.jar
* Client-combined-3.141.59.jar
* Under “Libs” directory in the language binding directory…
* Add all of the jar files
* Click “Apply” → “OK”

**Create Package, Class & Imports**

* Right click “src” directory on left panel → New → Package
* Right click “your package” → New → Java Class
* In your class import the following
  + import org.openqa.selenium.\*;
  + import org.openqa.selenium.chrome.ChromeDriver;

**Initialize Driver**

* Within your main function add the following:
* System.setProperty(“webdriver.chrome.driver”, “FILEPATH TO CHROMEDRIVER.EXE”);

WebDriver driver = new ChromeDriver();

**Installation Complete**