If you have CSS upload, you can’t use sendKeys() method to upload images. It will give “ElementNotInteractableException”. But you can use click() method which will open the windows prompt you select the images/files. In this case we have to use AutoIT as we have to interact with the windows prompt to select images/files.

AutoIt:

Selenium is a web based automation tool. We can’t use it to select files from a windows based as it is not a web based one and it is a windows based one.

AutoIt is a freeware which uses a combination of mouse movements, keystrokes etc to automate a window based task which is not possible by selenium webdriver.

Downloading and installing AutoIt:

Go to the following link and download AutoIt. Also download AutoIt editor which is used for writing script. Install both.

AutoIt is used for identifying the elements we need on the window prompt.

AutoIt editor is used for writing script.

Now go to “Program Files(x84)” and then to “AutoIt3” and start the “AutoIt3\_x64.exe”.

Now go to “SciTE” foloder and start the SciTE.exe file which is the editor.

There are mainly three lines we have to write in the editor.

ControlFocus("File Upload","","Edit1")

ControlSetText("File Upload","","Edit1","D:\Selenium Course\Java\images\image1.jpg")

ControlClick("File Upload","","Button1")

Save the file and it will save as au3 file. Compile it and it will produce a .exe file.

We have to give this exe file in our selenium script so that it will upload the files/images.

**package** Selenium;

**import** java.io.IOException;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**public** **class** FileUpload {

**public** **static** **void** main(String[] args) **throws** InterruptedException, IOException {

System.*setProperty*("webdriver.gecko.driver", "C:\\BrowserDrivers\\geckodriver.exe");

WebDriver driver = **new** FirefoxDriver();

driver.get("file:///D:/Selenium%20Course/Java/index.html");

Thread.*sleep*(2000);

//driver.findElement(By.tagName("label")).sendKeys("D:\\Selenium Course\\Java\\images\\image1.jpg");

driver.findElement(By.*tagName*("label")).click();

//AutoIt exe file

Runtime.*getRuntime*().exec("D:\\Selenium Course\\autoit\\upload.exe");

Thread.*sleep*(2000);

driver.quit();

}

}