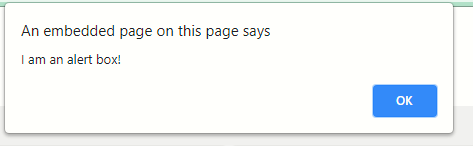
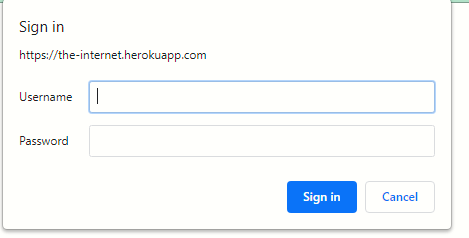
1. Java script popups are handled using driver.switchTo() method(via selenium)



1. Below is the window authentication popups, so we cant handle using driver.switchTo(), will be done via AUTO IT tool , bcoz we cant inspect elements in the below popups



Or we can handle this in another way if we know the credentials, we can use like <http://usename:password@url> – done using selenium

URL: <https://smallpdf.com/pdf-to-jpg> for uploading file through AUTO IT

1. Download AutoIT Tool to program files(x86)
2. For choose file we can inspect elements and get xpath
3. Need to write script using AutoIT from window explorer opens(need to focus AutoIT script to file explorer window
4. “Au3Info\_x64.exe” tool to record script
5. “SciTE.exe” tool to write script-> open url – click on ‘choose file’- open 4th point tool – drag finder tool to file explorer, 2nd line for edit box, 3rd line for ‘open’ button – now write script like below

ControlFocus("Open","","Edit1")

ControlSetText("Open","","Edit1","D:\Selenium\AutoIt\_Software\Resume.docx")

ControlClick("Open","","Button1")

1. Now save the file as “FileUpload.au3” to some location(D:\Selenium\AutoIt\_Software)
2. Now compile the script on right clicking on the above file, now it will create “FileUpload.exe” to the same location

Reference Material for AutoIT

Automating window Controls with Selenium:

· Handling Window Authentication Pop Up  
http://Username:Password@SiteURL

· Driver.get();

· Handling File Upload from Windows using AutoIT

What is AutoIT  
Install AutoIT  
AutoIT Scripting  
Integrating AutoIT with Selenium

//Shift focus to the file upload windows

//set text/path into file name edit box

//click open to upload file

Au3info- record window component objects

Build Script -scite.exe

Save it- .au3 extenstion

Convert file into .exe by compiling .au3 file

Call .exe file with Runtime class in java into your selenium tests

ControlFocus("Open","","Edit1")

ControlSetText("Open","","Edit1","C:\Users\rahul\Documents\check\visit.pdf")

ControlClick("Open","","Button1")

Program:

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

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

System.*setProperty*("webdriver.chrome.driver",

"D:\\Selenium\\Udemy\_Training\\Udemy\_Classes\\Udemy\_Project\\drivers\\chromedriver.exe");

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

driver.manage().window().maximize();

driver.get("https://smallpdf.com/pdf-to-jpg");

driver.findElement(By.*xpath*("(//button[@type='button'])[1]")).click();

Thread.*sleep*(3000);

Runtime.*getRuntime*().exec("D:\\Selenium\\AutoIt\_Software\\FileUpload.exe"); // line to open filepath using

// AutoIT

}

}

Downloading the file using Selenium:

* Code to download the file – selenium script
* Verify if the file is successfully downloaded using java file package
* Deleting the file from local system

**ChromeOptions** is a new concept added in Selenium WebDriver starting from Selenium version 3.6. 0 which is used for customizing the ChromeDriver session. By default when selenium opens up any browser (Chrome browser or Firefox browser), it opens up without any extension or history or cookies, etc.

More details:

<https://www.guru99.com/chrome-options-desiredcapabilities.html#:~:text=Summary%3A,name%2C%20browser%20platform%2C%20etc>.