

AutoIt

- Selenium is not capable enough to handle the window based or Non-HTML based applications
- As Selenium is not capable enough for automating window based applications, we have to use AutoIt tool where ever the automation of windows based application is required - **Demonstrate**
- **Downloading, Installing and using AutoIt:** Lets download, install and use the AutoIt using the below steps:
 - Downloading and Installing AutoIt
 - AutoIt is available for free.
 - Go to <https://www.autoitscript.com> and download 'autoit-v3-setup.exe' file from AutoIt menu > Download page
 - While installing autoit from the above downloaded exe file, select 32 bit and 'Edit the script' options
 - After installation, follow the below steps:
 - Go to 'Program Files' > AutoIt3 > SciTE folder and find SciTE application
 - Right click on SciTE application and pin it to Start
 - From Start options, pin it to task bar, so that you can open directly without going to the above application path
 - Follow the below steps for understanding the usage of predefined methods in AutoIt
 - Open the SciTE application from task bar and save a sample empty file say 'FunctionsDemo.au3'
 - Select Help > Help > Contents > Function Reference > Message Boxes and Dialogs > MsgBox
 - Help content related to the MsgBox predefined method will be displayed and go through it
 - Type MsgBox(0,"Sample Title","Sample Text To Be Displayed On Message Box")
 - Save and select 'Go' from Tools Menu to Run the code in AutoIt
 - Observe that a message box with the provided title, provided text and OK button will be displayed.
 - Similar to MsgBox there are many other predefined methods to be used in AutoIt.
 - Follow the below steps for understanding the usage of variables in AutoIt
 - In the above same file 'FunctionsDemo.au3', replace the text in title, text to be displayed parameters with variables - view code [here](#)
 - Save and select 'Go' from Tools Menu to Run the code in AutoIt
 - Observe that a message box with the provided title, provided text and OK button will be displayed in the same way even after using variables
 - The purpose of the variables is to store the data and reuse them in the later part of the code.
 - Invoking AutoIt code from Java programs
 - We have to use **Runtime** class of Java library and its predefined method **getRuntime()** to achieve this
 - Demonstrate a program which invokes autoit code from a Java program
 - Find AutoIt code here - view [here](#)
 - Copy and paste the above code in SciTE application and save the file as FunctionsDemo.au3
 - Right click on the FunctionsDemo.au3 and select to compile using 32 bit option
 - Observe that a FunctionsDemo.exe file will be created
 - Find Java program here - view [here](#)
 - Provide the path of the newly compiled and created 'FunctionsDemo.exe' file in the above Java program
 - Run the Java program and observe that AutoIt Code is invoked. i.e. Message Box got displayed.
 - Runtime.getRuntime().exec("AutoIt exe File Path"); statement in Java program will invoke the specified AutoIt exe file.
 - Working with **CmdLine** by passing desired value from Java program

- Demonstrate a program which invokes autoit code by passing String values from a Java program
 - Download AutoIt code here - View [here](#)
 - Download Java code here - View [here](#)
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