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2. \*\*\*\* HANDLING WINDOWS BASED ALERTS/POPUPS : {Uploading file}

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Selenium is not supporting directly windows based popups

Ex. print popup window or "File upload"/ Open Window while uploading file

--> To handle windows based pop-ups we can use Robot class or 3rd party tools like AutoIT and Sikuli

1. Using Robot Class:

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\*\*\* Robot Class is a java based utility which emulates the keyboard and mouse actions irrespective of the environment of object

Syntax: { to create instance object for Robot Class}

Robot obj= new Robot();

\*\*\* Note: Selenium only supports Web based applications and not windows based applications

It provides 2 methods like

a. keyPress():

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Using this method we specify which key in keyboard it has to press and hold

Ex: obj.keyPress (KeyEvent.VK\_CONTROL); // where VK is Virtual Keyboard)

b. keyRelease():

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To release key in keyboard

Syntax: obj.keyRelease(keyEvent.VK\_CONTROL);

Note:

String Selection:

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It is a class provided in Java.Util package to select specified string

Syntax: String Selection str= new String Selection (string value) // if it's value no need to give ""

String Selection str= new String Selection ("abcd")

Toolkit:

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It is a class provided in Java Utils to set the selected value into system clipboard

Ex-30: Create script to upload file in "http://tinyupload.com" application

--> As it is a windows based file need to go for Thread.sleep and not for wait.

--> By using String Selection & Robot class, need to write the script

Note: Robot class by default perform operations on elements/ controls irrespective of properties.

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AUTO IT

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Auto IT v3 is also freeware. It is used to perform mouse movements,keystrokes on window based controls based on properties

To upload / download a file using Selenium webdriver we need three tools:

1. Selenium WebDriver

2. Element identifier (AutoIT window info) -- which is used to inspect window elements

3. AutoIT editor (sciTE-lite) -- which is used to write the script to perform operations on windows based components

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Download and Install AutoIT

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