MultiControl Smoke Test Automation

# How to run the Smoke Test Automation suite

## Open the Sikuli IDE using the jar file

## Open the ‘SmokeTestSuite.py’ file

## Run the ‘SmokeTestSuite.py’ file by clicking the ‘Run’ button. Graphical user interface, application, Word Description automatically generated

## Observe Test Results by opening the ‘results.html’ file under ‘SmokeTestSuite.sikuli’ folder

# Pre-requisites

## Copy the ‘MultiControlAutomation’ folder

This includes the Sikuli jar file and all the test folders.

Sikuli jar file was downloaded from <https://raiman.github.io/SikuliX1/downloads.html>

## MultiControl should be already installed

# How the tool works

1. Sikuli is a test automation tool which can automate anything can be done in the desktop.
2. It uses Optical Character Recognition (OCR) to identify elements and perform actions on those.
3. For this test suite, python is used as the programming language.
4. Each test case has it’s own .sikuli folder (eg. LoadJob.sikuli) in which the python file related to that test is stored.
5. When creating tests, screenshots will be stored in the default .sikuli folder for that test. Later those will be moved into the ‘Images’ folder and will be deleted from the .sikuli folder. In this way, we will have a centralised folder to store all the images. All the images should be named in a meaningful way for easy identification.

# Other important information

1. All the images related to tests are stored in the folder \\MultiControlAutomation\Images
2. All the configuration values related to tests are store in the file [\\MultiControlAutomation\Config\Config.ini](file:///\\MultiControlAutomation\Config\Config.ini)
3. This Test Suite is still in progress. More enhancements are in the pipeline (eg, adding screenshots as evidences, logging, etc.)