Sikuli - Robot Framework integration

# Installation steps

## Sikuli

### JRE6 32 bit (jre-6u17-windows-i586-s.exe)

* If your PC already installed Java6 32 bit, you can ignore this step.

Else; go to oldapps.com, find and download JRE6 32 bit (the only supported version of Sikuli)

<http://www.oldapps.com/java.php?old_java>

* Setting Environment Variables: find “path” variable and add the directory to java bin folder C:\Program Files (x86)\Java\jre6\bin

### Jython2.5.3

* Go to <http://www.jython.org/downloads.html>
* Find and download jython-installer-2.5.3.jar
* Double click the jar file to start the installer or run java

*java -jar jython-installer-2.5.3.jar*

* To make sure Jython is properly installed, run cmd *C:\jython2.5.3\bin\jython.bat*

You should get the jython command prompt

* Setting Environment Variables
* Add new variable *JYTHON\_HOME= C:\jython2.5.3\*
* Find “path” variable and add directory to bin folder *C:\jython2.5.3\bin;*

### SikuliX

* Go to <https://launchpad.net/sikuli/+download>
* Select to download Sikuli-X-1.0rc3 (r905)-win32.exe
* Start the installer and follow the instructions using default settings

## Sikuli and RF in the action

* Install robot remote server

*pip install robotremoteserver*

* Download Sikuli Remote Library from *https://docs.google.com/file/d/0B\_VTRRrTuA3PckdIZTBwS1dHVkU/edit?pli=1*

Then save it to PROJECT\_HOME\libs

* Copy C:\Program Files\Sikuli X\sikuli-script.jar into PROJECT\_HOME\libs. Note that this step is only to put things in one place but you can skip this step and only point to Sikuli jar file
* Add PROJECT\_HOME\libs\sikuli-script.jar to your java class path. You need to set the CLASSPATH environment variable. Make sure there is no extra space otherwise problems may arise.

### Get Sikuli keywords into use

* Run the remote server: cmd to JYTHON\_HOME\bin

e.g. C:\jython2.7.0\bin

then run cmd *jython.bat PROJECT\_HOME\libs \SikuliRemoteLibrary.py*

* Launch RIDE (cmd ride.py) and start your scripting with some Sikuli keywords.
* Add Remote library to the suite with argument <http://localhost:8270>
* Start writing your script

E.g.

# References

<https://code.google.com/p/simplesikuli/wiki/RobotFrameworkIntegration>