

Samurai

Library version: RENAT 0.1.10
Library scope: test suite
Named arguments: supported

Introduction

A library provides functions to control Samurai application

The library utilize *Selenium2Library* and adds more functions to control Samurai application easily. Without other further mentions, all of the concepts of user, user group are Samurai concepts. By default, RENAT will try to connect to all Samurai nodes defined in active `local.yaml` at the beginning of the test and disconnect from them at the end of the test automatically. Usually user does not need to use `Connect All` and `Close` explicitly.

Currently, this module supposed that Samurai is used in Japanese locale. When Samurai module has error, it tried to make the last snapshot in `result/selenium-screenshot-x.png`. Checking this capture will help to understand the reason of the error.

Currently the module support Samurai 09/14/16

Some keywords of *Samurai* is using `xpath` to identify elements. See *Selenium2Library* for more details about `xpath`.

See *WebApp* for common keywords of web applications and how to configure the `local.yaml` file.

Selenium2Library keywords still could be used together within this library. See *Selenium2Library* for more details.

Shortcuts

Add Policy · **Add Policy Group** · **Add User** · **Capture Screenshot** · **Change Policy View Group** · **Click All Elements** · **Close** · **Close All** · **Close Window** · **Connect** · **Connect All** · **Delete Policy** · **Delete Policy Group** · **Delete User** · **Edit Mitigation Controller** · **Edit Policy** · **Get Mitigation List** · **Left Menu** · **Login** · **Logout** · **Make Item Map** · **Reconnect** · **Reset Capture Counter** · **Select Items In Table** · **Select Window** · **Set Ajax Wait** · **Set Capture Counter** · **Set Capture Format** · **Show Detail Mitigation** · **Show Policy Basic** · **Show Policy Mitigation** · **Show Policy Mo** · **Show Policy Monitor** · **Start Mitigation** · **Stop Mitigation** · **Switch**

Keywords

Keyword	Arguments	Documentation																					
Add Policy	<i>*args, **kwargs</i>																						
Add Policy Group	<i>*args, **kwargs</i>																						
Add User	<i>*args, **kwargs</i>																						
Capture Screenshot	<i>filename=None, extra=</i>	<p>Captures the current screen to file</p> <p>Using the internal counter for filename if <code>filename</code> is not specified. In this case, the filename is defined by a pre-set format. <i>Set Capture Format</i> could be used to change the current format.</p> <p>An extra information will be add to the filename if <code>extra</code> is defined</p> <p>Examples:</p> <table><tr><td>Samurai.<i>Capture Screenshot</i></td><td></td><td># samurai_0000000001.png</td></tr><tr><td>Samurai.<i>Capture Screenshot</i></td><td><code>extra=_list</code></td><td># samurai_0000000002_list.png</td></tr><tr><td>Arbor.<i>Capture Screenshot</i></td><td></td><td># arbor_0000000001.png</td></tr><tr><td>Arbor.<i>Capture Screenshot</i></td><td><code>extra=_xxx</code></td><td># arbor_0000000001_xxx.png</td></tr><tr><td>Samurai.<i>Capture Screenshot</i></td><td><code>filename=1111.png</code></td><td># 1111.png</td></tr></table>	Samurai. <i>Capture Screenshot</i>		# samurai_0000000001.png	Samurai. <i>Capture Screenshot</i>	<code>extra=_list</code>	# samurai_0000000002_list.png	Arbor. <i>Capture Screenshot</i>		# arbor_0000000001.png	Arbor. <i>Capture Screenshot</i>	<code>extra=_xxx</code>	# arbor_0000000001_xxx.png	Samurai. <i>Capture Screenshot</i>	<code>filename=1111.png</code>	# 1111.png						
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Change Policy View Group	<i>*args, **kwargs</i>																						
Click All Elements	<i>*args, **kwargs</i>																						
Close		Closes the current active browser																					
Close All		Closes all current opened applications																					
Close Window		Closes the current window																					
Connect	<i>app, name</i>	<p>Opens a web browser and connects to application and assigns a <code>name</code>.</p> <p>If not defined in <code>local.yaml</code> those following key will have default values:</p> <table><tr><td>browser</td><td>firefox</td><td>optional</td></tr><tr><td>login_url</td><td>/</td><td>optiona</td></tr><tr><td>proxy:</td><td></td><td>optional</td></tr><tr><td>http: 10.128.8.210:8080</td><td>optional</td><td></td></tr><tr><td>ssl: 10.128.8.210:8080</td><td>optional</td><td></td></tr><tr><td>socks: 10.128.8.210:8080</td><td>optional</td><td></td></tr><tr><td>profile_dir</td><td>./config/samurai.profile</td><td>optional</td></tr></table>	browser	firefox	optional	login_url	/	optiona	proxy:		optional	http: 10.128.8.210:8080	optional		ssl: 10.128.8.210:8080	optional		socks: 10.128.8.210:8080	optional		profile_dir	./config/samurai.profile	optional
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socks: 10.128.8.210:8080	optional																						
profile_dir	./config/samurai.profile	optional																					
Connect All		<p>Connects to all applications defined in <code>local.yaml</code></p> <p>The name of the connection will be the same of the <i>webapp</i> name</p>																					

Delete Policy	<i>*args, **kwargs</i>	
Delete Policy Group	<i>*args, **kwargs</i>	
Delete User	<i>*args, **kwargs</i>	
Edit Mitigation Controller	<i>*args, **kwargs</i>	
Edit Policy	<i>*args, **kwargs</i>	
Get Mitigation List	<i>*args, **kwargs</i>	
Left Menu	<i>*args, **kwargs</i>	
Login		Logs-in into the application User and password is set by the template and authentication methods in the master files
Logout	<i>*args, **kwargs</i>	
Make Item Map	<i>*args, **kwargs</i>	
Reconnect		Reconnects to the server
Reset Capture Counter		Resets the counter of the screen capture
Select Items In Table	<i>*args, **kwargs</i>	
Select Window	<i>*args, **kwargs</i>	
Set Ajax Wait	<i>wait_time=2s</i>	Set the ajax wait time
Set Capture Counter	<i>value=0</i>	Sets the counter of the screen capture to <i>value</i>
Set Capture Format	<i>format</i>	Sets the format for the screen capture file The format does not include the default prefix <code>.png</code> The default format is <code><mod>_%010d.</code> <code>mod</code> could be <code>samurai</code> or <code>arbor</code> See https://docs.python.org/2/library/string.html#format-specification-mini-language for more details about the format string. Examples: <div>Samurai.<i>Set Capture Format</i> <code>\${case}_%010d</code> # <code>\${case}</code> is a predefined variable</div>
Show Detail Mitigation	<i>*args, **kwargs</i>	
Show Policy Basic	<i>*args, **kwargs</i>	
Show Policy Mitigation	<i>*args, **kwargs</i>	
Show Policy Mo	<i>*args, **kwargs</i>	
Show Policy Monitor	<i>*args, **kwargs</i>	
Start Mitigation	<i>*args, **kwargs</i>	
Stop Mitigation	<i>*args, **kwargs</i>	
Switch	<i>name</i>	Switches the current browser to <i>name</i>

Altogether 36 keywords.

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