

WebApp

Library version: RENAT 0.1.12
Library scope: test suite
Named arguments: supported

Introduction

A library provides common keywords for web applications (aka Samurai, Arbor TMS)

The library utilize *Selenium2Library* and adds more functions to control Samurai application easily.

The *WebApp* uses the configuration in `local.yaml` in `webapp` section. The webapp device has following format:

```
<test node name>:
  device: <device name>
  proxy:
    http: <proxy for http>
    https: <proxy for http>
    ssl: <proxy for http>
```

Where `<device name>` is defined in master `device.yaml`, `proxy` section could be optional.

In order to download files from link, a *download-path* and MIME of that download need to be listed in *profile* section of the application setting. Default *download-path* is the current active result folder.

Samples:

```
...
webapp:
  samurai-1:
    device: samurai-b
```

profile: auto-save-mime: application/octet-stream

```
proxy:
  http: 10.128.8.210:8080
  ssl: 10.128.8.210:8080
arbor-1:
  device: arbor-sp-a
```

profile: auto-save-mime: application/xml,application/octet-stream

```
proxy:
  http: 10.128.8.210:8080
  ssl: 10.128.8.210:8080
```

Selenium2Library keywords still could be used along with this library like this:

Click Link	//a[contains(.,'ユーザ設定')]
Sleep	2s
Click Link	Home設定
Sleep	2s
Samurai.Capture Screenshot	

See [Selenium2Library](#) for more details.

The module *Samurai* and *Arbor* based on this module. See [Arbor](#), [Samurai](#) for details about keywords of each application.

Shortcuts

Capture Screenshot · Close · Close All · Get Verbose · Mark Element · Open Ff With Profile · Reset Capture Counter · Set Ajax Wait · Set Capture Counter · Set Capture Format · Set Verbose · Switch · Verbose Capture · Wait Until Element Changes

Keywords

Keyword	Arguments	Documentation															
Capture Screenshot	<i>filename=None</i> , <i>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>extra=_list</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>extra=_xxx</td><td># arbor_0000000001_xxx.png</td></tr><tr><td>Samurai.<i>Capture Screenshot</i></td><td>filename=1111.png</td><td># 1111.png</td></tr></table>	Samurai. <i>Capture Screenshot</i>		# samurai_0000000001.png	Samurai. <i>Capture Screenshot</i>	extra=_list	# samurai_0000000002_list.png	Arbor. <i>Capture Screenshot</i>		# arbor_0000000001.png	Arbor. <i>Capture Screenshot</i>	extra=_xxx	# arbor_0000000001_xxx.png	Samurai. <i>Capture Screenshot</i>	filename=1111.png	# 1111.png
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Close		Close the web application
Close All		Closes all current opened applications
Get Verbose		Get current verbose mode
Mark Element	<i>xpath</i>	Marking an element to check its status later
Open Ff With Profile	<i>app, name</i>	
Reset Capture Counter		Resets the counter of the screen capture
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 <code>value</code>
Set Capture Format	<i>format</i>	<p>Sets the format for the screen capture file</p> <p>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></p> <p>See https://docs.python.org/2/library/string.html#format-specification-mini-language for more details about the format string.</p> <p>Examples:</p> <pre>Samurai.Set Capture Format \${case}_%010d # \${case} is a predefined variable</pre>
Set Verbose	<i>verbose=False</i>	Set current verbose mode to <code>verbose</code>
Switch	<i>name</i>	Switches the current browser to <code>name</code>
Verbose Capture	<i>*args, **kwargs</i>	Capture screenshot if verbose mode is <code>True</code> otherwise do nothing
Wait Until Element Changes	<i>interval=5s, timeout=180s, error_on_timeout=False</i>	Wait until the marked element has been changed

Altogether 14 keywords.

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