

# ixload

**Library scope:** global  
**Named arguments:** supported

## Introduction

provides functions for IxLoad

To use IxLoad module, a IxLoad TCL server should be started properly.

RENAT runs a virtual IxLoad client locally in the background that connects to a Windows App server. Keywords from test case will send control messages to the client, which in turn will control the test ports.

Different to IxNetwork, an IxLoad test case usually stops within predefined time before `Stop Traffic` was called.

**Notes:** Ignore the *self* parameters when using those keywords.

## Shortcuts

Close · Collect Data · Get Test Report · Load Config · Load Traffic · Start Traffic · Stop Traffic

## Keywords

Keyword	Arguments	Documentation
<b>Close</b>	<i>self</i>	Disconnects the current tester client
<b>Collect Data</b>	<i>self, prefix=, more_file=, ignore_not_found=True</i>	<p>Collects all result data and save them to the current active <code>result</code> folder</p> <p>A <code>prefix</code> will be automatically added to the file names.</p> <p>Currently the follow data will be downloaded to the local machine</p> <ul style="list-style-type: none"><li>■ HTTP_Server.csv</li><li>■ HTTP_Client.csv</li><li>■ HTTP_Client - Per URL.csv</li><li>■ HTTP_Server - Per URL.csv</li><li>■ L2-3 Stats for Client Ports.csv</li><li>■ L2-3 Stats for Server Ports.csv</li><li>■ L2-3 Throughput Stats.csv</li><li>■ Port CPU Statistics.csv</li></ul> <p>Extra files could be add by <code>more_file</code> which is a comma separated filename string</p> <p>When <code>ignore_not_found</code> is True, the keyword will not terminate even when the expected file is not found.</p>
<b>Get Test Report</b>	<i>self, prefix=</i>	Get the test report(PDF) and put it into the active result folder
<b>Load Config</b>	<i>self, config_name=</i>	<p>Loads the test traffic defined by <code>config_name</code></p> <p><code>file_path</code> is the path of the test file on the <b>remote</b> App server A path to a remote network drive could be use to load a config file on Renat server.</p>
<b>Load Traffic</b>	<i>self, file_path</i>	
<b>Start Traffic</b>	<i>self</i>	Starts the test traffic
<b>Stop Traffic</b>	<i>self</i>	<p>Stops the current running test</p> <p>Returns the elapsed time in seconds</p>

Altogether 7 keywords.

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