ixload

Library scope:	global
Named arguments:	supported

Introduction

provides functions for IxLoad

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 · **C**ollect Data · **G**et Test Report · **L**oad Config · **L**oad Traffic · **S**tart Traffic · **S**top Traffic

Keywords

Keyword	Arguments	Documentation
Close	*self*	Disconnects the current tester client
Collect Data	*self*, *prefix=*, *more_file=*, *ignore_not_found=True*	Collects all result data and save them to the current active result folder A prefix will be automatically added to the file names. Currently the follow data will be downloaded to the local machine - HTTP_Server.csv - HTTP Client.csv - HTTP Client - Per URL.csv - HTTP Server - Per URL.csv - L2-3 Stats for Client Ports.csv - L2-3 Stats for Server Ports.csv - L2-3 Throughput Stats.csv - Port CPU Statistics.csv Extra files could be add by more_file which is a comma separated filename string When ignore_not_found is True, the keyword will not terminate even when the expected file is not found.
Get Test Report	*self*, *prefix=*	Get the test report(PDF) and put it into the active result folder
Load Config	*self*, *config_name=*	Loads the test traffic defined by config_name file_path is the path of the test file on the **remote** App server A path to a remote network drive could be use to load a config file on Renat server.
Load Traffic	*self*, *file_path*	
Start Traffic	*self*	Starts the test traffic
Stop Traffic	*self*	Stops the current running test Returns the elapsed time in seconds

Altogether 7 keywords.
Generated by Libdoc on 2018-06-01 21:39:34.

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