

Tester

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

Introduction

A class provides keywords for controlling testers and traffic generators.

It could load predefined traffic file, manipulate traffic items, start and stop traffic flows. It also could generate traffic reports and support QuickTest for IxNetwork.

Tester information is stored in the active `local.yaml` likes this:

```
tester:
  tester01:
    device: ixnet03_8009
    config: vmx_20161129.ixncfg
    real_port:
      - description: to egde router
```

chassis: 10.128.32.71

```
card: 6
port: 11
- description: to backbone router
```

chassis: 10.128.32.71

```
card: 6
port: 9
```

where `device` is the tester defined in the master `device.yaml` file. If `real_port` does not exist, port remapping will not take place. Otherwise, port remapping will use the `real_port` information to reassign all existed ports and map to Ixia ports.

In this case, the order will be the order when user created the port in Ixia GUI.

Note: User can always confirm the created order by `clear sorting` in Ixia GUI.

Examples:

Tester. Connect All	
Tester. Switch	tester01
Tester. Load And Start Traffic	
Sleep	30s
Tester. Stop Traffic	

Time format used in this module is same with `time string` format of Robot Framework. For more details about this, see [DateTime](#) library of Robot Framework.

Note: See [IxNet module](#), [IxLoad module](#) for details about keyword of each module.

Shortcuts

Close All · Connect · Connect All · Switch

Keywords

Keyword	Arguments	Documentation
Close All		Closes all connections
Connect	<i>name</i>	Connect to the tester <i>name</i>
Connect All		Connects to all testers
Switch	<i>name</i>	Switchs the current tester to <i>name</i>

Altogether 4 keywords.

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