OpenSnaproute Automation using "Robot" Framework
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Directory Structure:

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              OpenSnaproute Automation Directory-Structure using "Robot" Framework
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                          OpenSnaproute_LLDP
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      -------------------------------------------------------------------------------------
      |                             |                            |
      |                             |                            |
  OpenSnaproute_Drivers      OpenSnaproute_Variables      OpenSnaproute_Testscripts
      |                             |                            |
      |                             |                            |
    |-OpenSnaprouteCliDriver.py   |-Variables.py              |-LLDP
    |-logger.py                                                    |-OpenSnaproute_lldp.robot
    |-testfail.py                                                  |-device.params
    |-flexprintV2.py                                               |-OpenSnaproute.params
    |-flexswitchV2.py
    |-tablePrint.py
```
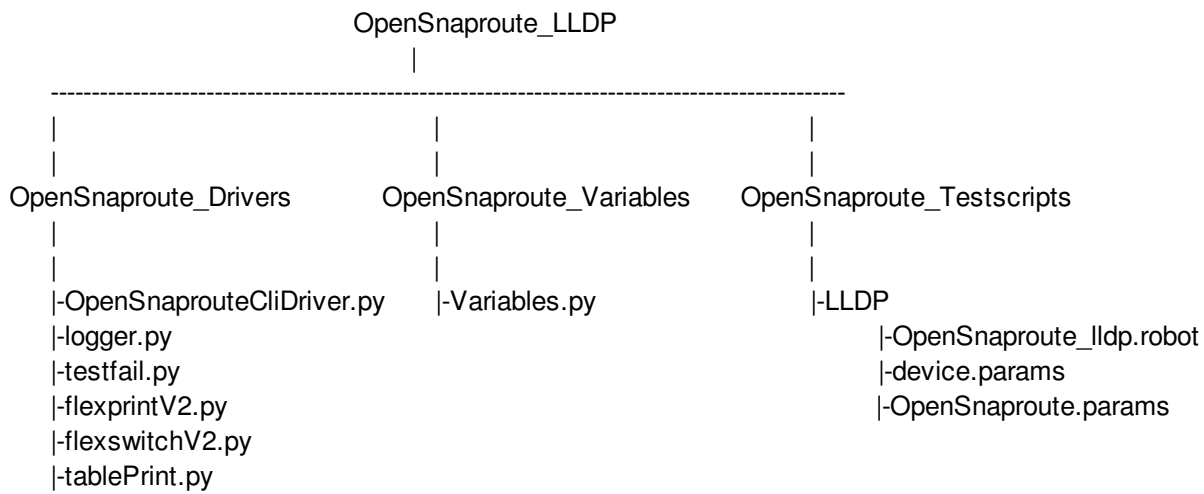
OpenSnaproute_Drivers-------- Contains all the APIs used in the Test-scripts
OpenSnaproute_Variables------ Contains device informations interms of variables
OpenSnaproute_Testscripts---- Contains OpenSnaproute LLDP testing Test-suite
LLDP------------------------ Contains OpenSnaproute LLDP testing Test-suite "OpenSnaproute_lldp.robot"

How to run the test-case ?

1. Copy the OpenSnaproute_LLDP directory into home directory.
2. Open a Terminal, then cd to ~/OpenSnaproute_LLDP/OpenSnaproute_Testscripts/LLDP directory
3. Open OpenSnaproute_lldp.robot, and change the variable ${USER} value to system username.
Ex:
*** Variables ***
${USER} opensnaproute
//replace "opensnaproute" by your system username
4. Open a Terminal, then cd to ~/OpenSnaproute_LLDP/OpenSnaproute_Variables directory
5. Open Variables.py, and if you need to run for all the devices, change device_all="yes" and to run certain devices
change the variable device_all="no" and mention device count.
Ex:

device_all="no"
fab_count = 1
csw_count = 2
asw_count = 1

    or

device_all="yes"

6. Run the test-suite file :OpenSnaproute_lldp.robot file using the below command.
robot OpenSnaproute_lldp.robot

7. Once Test-case execution completed, We will get a log file like:

Output: output.xml

Log: log.html

Report: report.html

8. Then Open the log.html file in any browser for web-based log view.