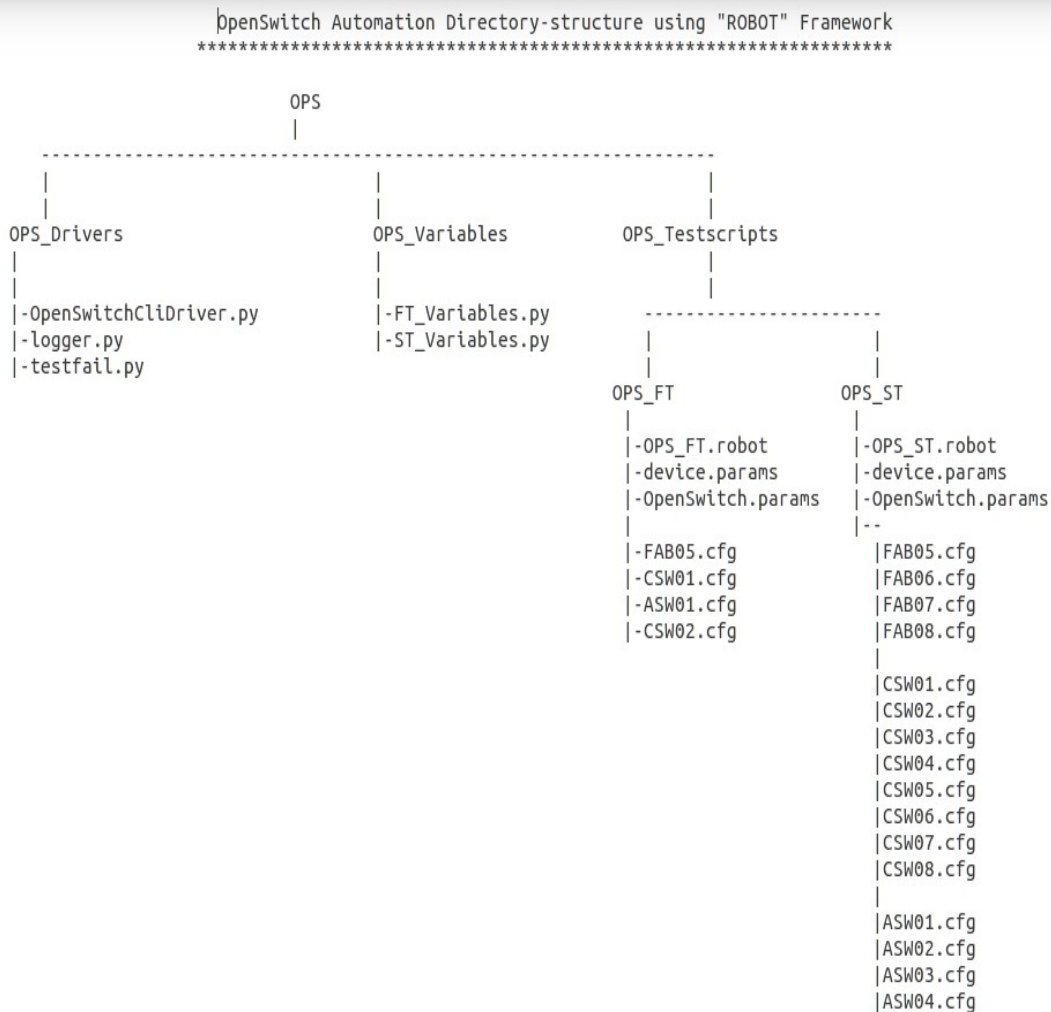


OpenSwitch Automation using “Robot” Framework

Directory Structure:



OPS_Drivers----- Contains all the APIs used in the Test-scripts

OPS_Variables----- Contains device informations interms of variables.

OPS_Testscripts--- Contains OpenSwitch Functional and System testing Test-suites

OPS_FT----- Contains OpenSwitch Functional testing Test-suite “OPS_FT.robot”

OPS_ST----- Contains OpenSwitch System testing Test-suites “OPS_ST.robot”

How to run the test-cases ?

1. Functional Test-cases

1. copy the **OPS** directory into home directory.
2. open a Terminal, then cd to **~/OPS/OPS_Testscripts/OPS_FT** directory
3. open **device.params** file, then replace the IP “192.168.35.36” by your **docker set-up server-IP**.
4. open **OPS_FT.robot**, and change the variable **\${USER}** value to system username.
Ex:
*** Variables ***
\${USER} openswitch //replace “openswitch” by your system username
5. Run the test-suite file **:OPS_FT.robot** file using the below command.
robot OPS_FT.robot
6. If you want to run a particular Test-case like “Testcase4” among 13 test-cases. Use the below command.
robot -t Testcase4 OPS_FT.robot
7. If you want to run a series of Test-cases. Like Testcases 3, 6, 12, 13....
robot -t Testcase3 -t Testcase6 -t Testcase12 -t Testcase13 OPS_FT.robot
8. Once Test-case execution completed, We will get a log file like:
Output: output.xml
Log: log.html
Report: report.html
9. then Open the **log.html** file in any browser for web-based log view.

Follow the Same steps for the System test-cases also.....

2. 1. Functional Test-cases

10. Open a Terminal, then cd to **~/OPS/OPS_Testscripts/OPS_ST** directory
11. open **device.params** file, then replace the IP “192.168.35.36” by your **docker set-up server-IP**.
12. Open **OPS_FT.robot**, and change the variable **\${USER}** value to system username.
Ex:
*** Variables ***
\${USER} openswitch //replace “openswitch” by your system username
13. Run the test-suite file **:OPS_ST.robot** file using the below command.
robot OPS_ST.robot
14. If you want to run a particular Test-case like “Testcase4” among 13 test-cases. Use the below command.
robot -t Testcase4 OPS_ST.robot
15. If you want to run a series of Test-cases. Like Testcases 3, 6, 12, 13....
robot -t Testcase3 -t Testcase6 -t Testcase12 -t Testcase13 OPS_ST.robot
16. Once Test-case execution completed, We will get a log file like:
Output: output.xml
Log: log.html
Report: report.html
17. then Open the **log.html** file in any browser for web-based log view.