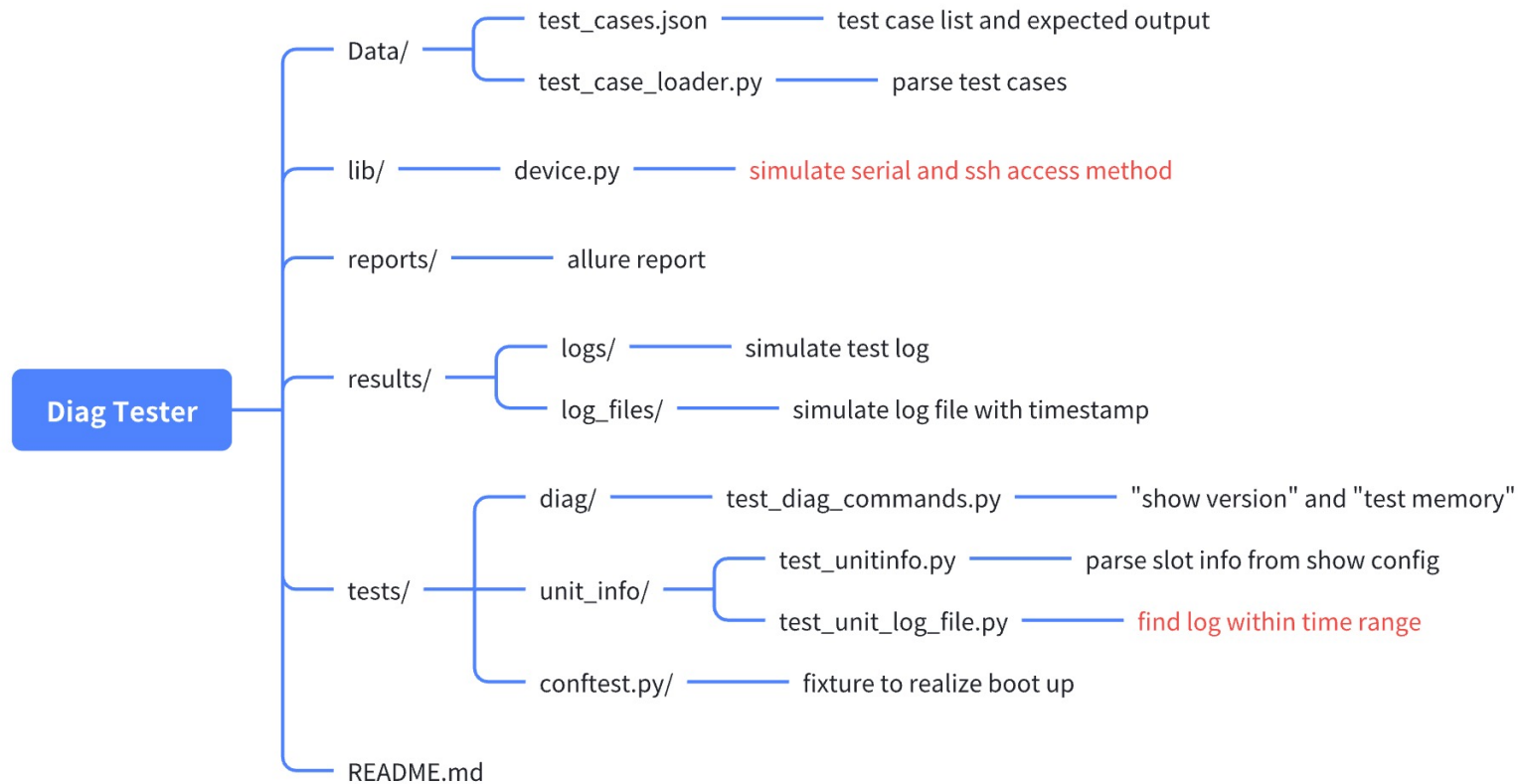


Pytest Diag Test simulation Platform.

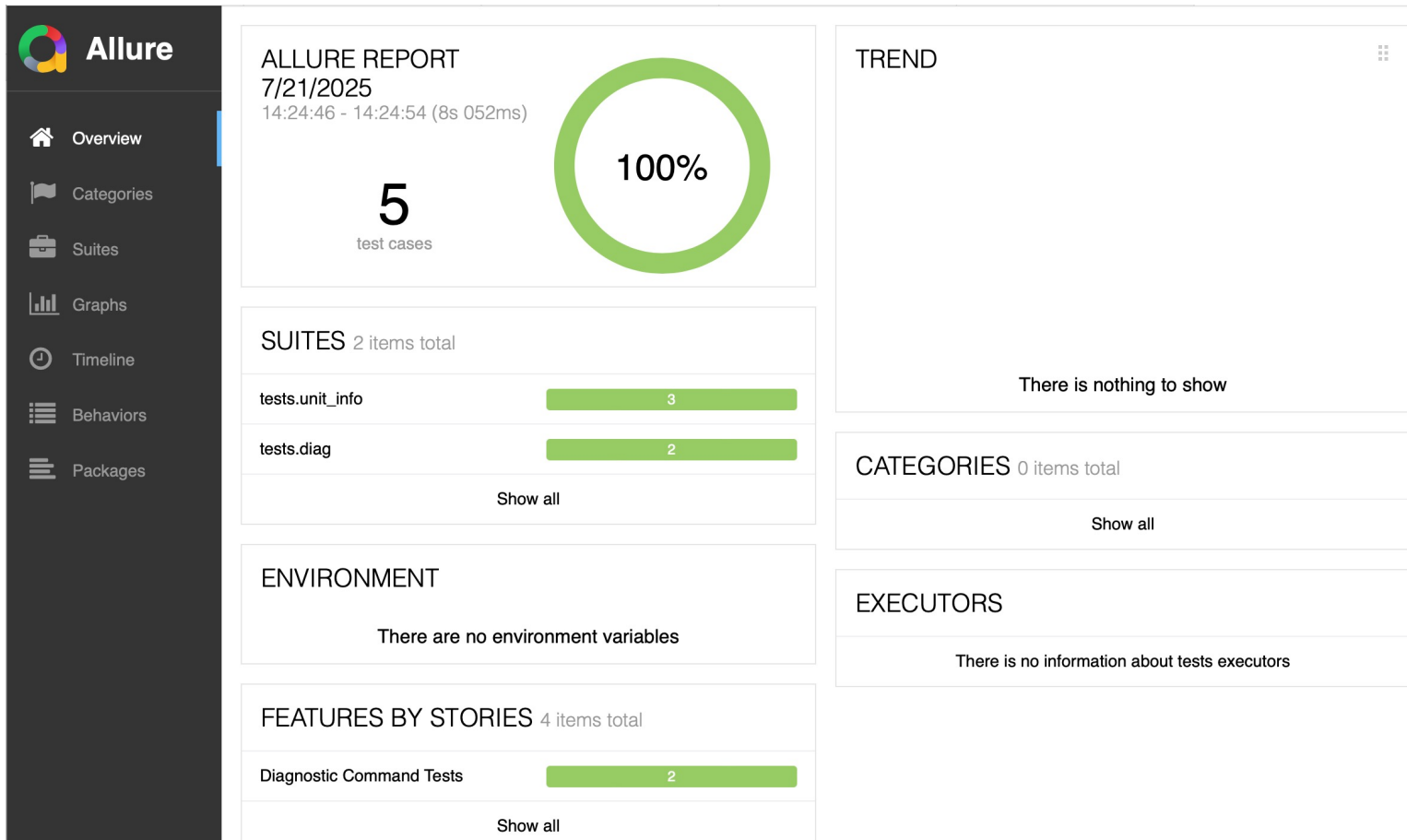
Code Structure:




Code repo:

git clone https://github.com/garthdawn/diag_tester.git

Allure Report : Overview



Allure Report : test_display_slot_info

 Allure

Overview

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order name duration status

Status: 0 0 5 0 0 Marks: [Icons]

tests.diag 2

tests.unit_info 3

- test_unit_log_file 2
- test_unitinfo 1
 - Test_unitinfo 1
 - #1 test_display_slot_info[show_system_config] 2ms

tests.unit_info.test_unitinfo.Test_unitinfo#test_display_slot_info

Passed test_display_slot_info[show_system_config]

Overview History Retries

Severity: normal

Duration: 2ms

Parameters

case: {'name': 'show_system_config', 'command': 'show system', 'log_file': 'mds_9509_show_system.log', 'expecte...

Execution

Set up


Test body

- commands: ('show system',) 1 attachment 0s
- Step1: Display slot info of target Unit 1 attachment 0s
 - Slot Info Table 895 B

SLOT	CARD NAME	PRODUCT-ID	SERIAL-N0	HW REV	IPC	STATUS
8	LC8	39-LC1-36EH	MCD2631N3YY	0.33	0n	Ok
11	LC11	39-LC0-36FH	PJZ2737Q2F2	2.0	0n	Ok
16	LC16	39-LC0-34H14FH	FOH25120908	11.0	0n	Ok
18	FC0	3918-FC0	MCD2435N74G	0.12	0n	Ok
20	FC2	3918-FC0	MCD2510NXA7	0.31	0n	N0k
21	FC3	3918-FC0	MCD2522NPMF	1.0	0n	Ok
23	FC5	3918-FC0	MCD2435N74G	0.12	0n	Ok
24	FC6	3918-FC0	MCD2444P21J	0.13	0n	Ok
25	FC7	3918-FC0	MCD2435N74M	0.1	0n	Ok
30	RP0	3900-RP	MCD2520NAFV	1.0	0n(S)	Ok
31	RP1	3900-RP	MCD2520NAJL	1.0	0n(A)	Ok

Tear down

Allure Report : test_find_log_in_time_range

 **Allure**

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order name duration status

Status: 0 0 5 0 0 Marks: [Icons]

> tests.diag 2

tests.unit_info 3

- test_unit_log_file 2
 - Test_unit_log_file 2
 - #1 test_find_log_in_time_range[files of today] 2ms
 - #2 test_find_log_in_time_range[files within 5 days] 2ms
- test_unitinfo 1

tests.unit_info.test_unit_log_file.Test_unit_log_file#test_find_log_in_time_range

Passed test_find_log_in_time_range[files of today]

OverviewHistoryRetries

Severity: normal

Duration: 2ms

Parameters

end_time: datetime.datetime(2025, 7, 21, 15, 42, 24, 759074)

start_time: datetime.datetime(2025, 7, 20, 15, 42, 24, 759059)

Execution


> Set up

> Test body

- Step1: Find all txt files under target folder 1 attachment 1ms
- Step2: filter files from 2025-07-20 15:42:24.759059 to 2025-07-21 15:42:24.759074 1 attachment 1ms
- Step3: Assert whether target file is found. 0s

> Tear down

Allure Report : test_diagnostic_show_version

 Allure

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order name duration status

Status: 0 0 5 0 0 Marks:     

tests.diag 2

test_diag_commands 2

TestDiagnosticCommands 2

#1 test_diagnostics_command[show_version] { 1ms

#2 test_diagnostics_command[test_memory] { 1ms

tests.unit_info 3

tests.diag.test_diag_commands.TestDiagnosticCommands#test_diagnostics_command

Passed test_diagnostics_command[show_version]

Overview

History

Retries

Severity: normal

Duration: 1ms

Parameters

case: {'name': 'show_version', 'command': 'show version', 'log_file': 'mds_9509_show_version.log', 'expecte...

Execution

> Set up

< Test body


✓ commands: show version 1 attachment 1ms

< Unit Response Logs 93 B

[Router]# show version
Cisco IOS Software, MDS Software (IOS-XE), Version xx.xx.xx
[Router]#

> Tear down

Allure Report : test_diagnostic_show_memory

 Allure

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order name duration status

Status: 0 0 5 0 0 Marks:     

tests.diag 2

test_diag_commands 2

TestDiagnosticCommands 2

✓ #1 test_diagnostics_command[show_version] { 1ms

✓ #2 test_diagnostics_command[test_memory] { 1ms

tests.unit_info 3

tests.diag.test_diag_commands.TestDiagnosticCommands#test_diagnostics_command

Passed test_diagnostics_command[test_memory]

Overview

History

Retries

Severity: normal

Duration: 1ms

Parameters

case: {'name': 'test_memory', 'command': 'test memory', 'log_file': 'mds_9509_test_memory.log', 'expected_...

Execution

> Set up

> Test body

✓ commands: test memory 1 attachment 0s

Unit Response Logs 92 B

[Router]# test memory

Starting memory test...

Memory test completed successfully

[Router]#

> Tear down