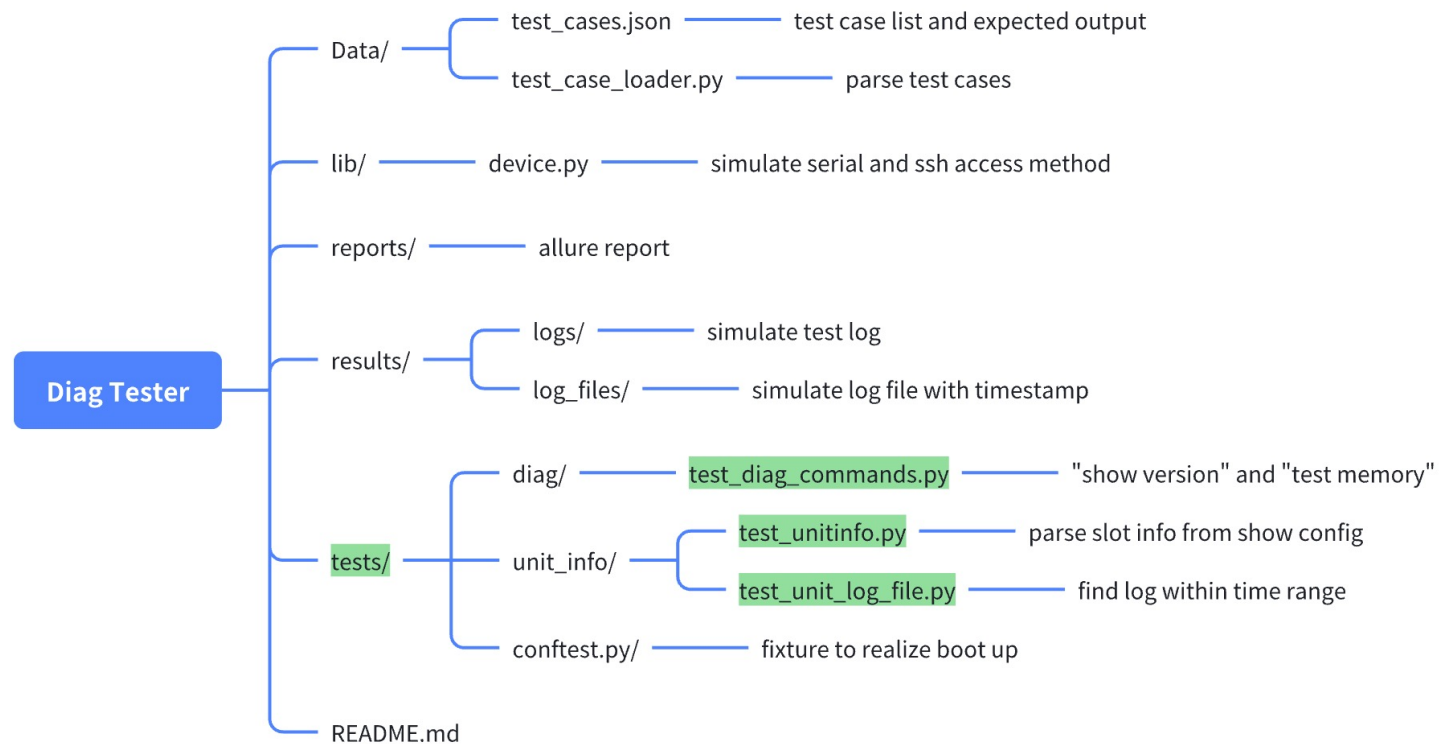


# Pytest Diag Test simulation Platform.

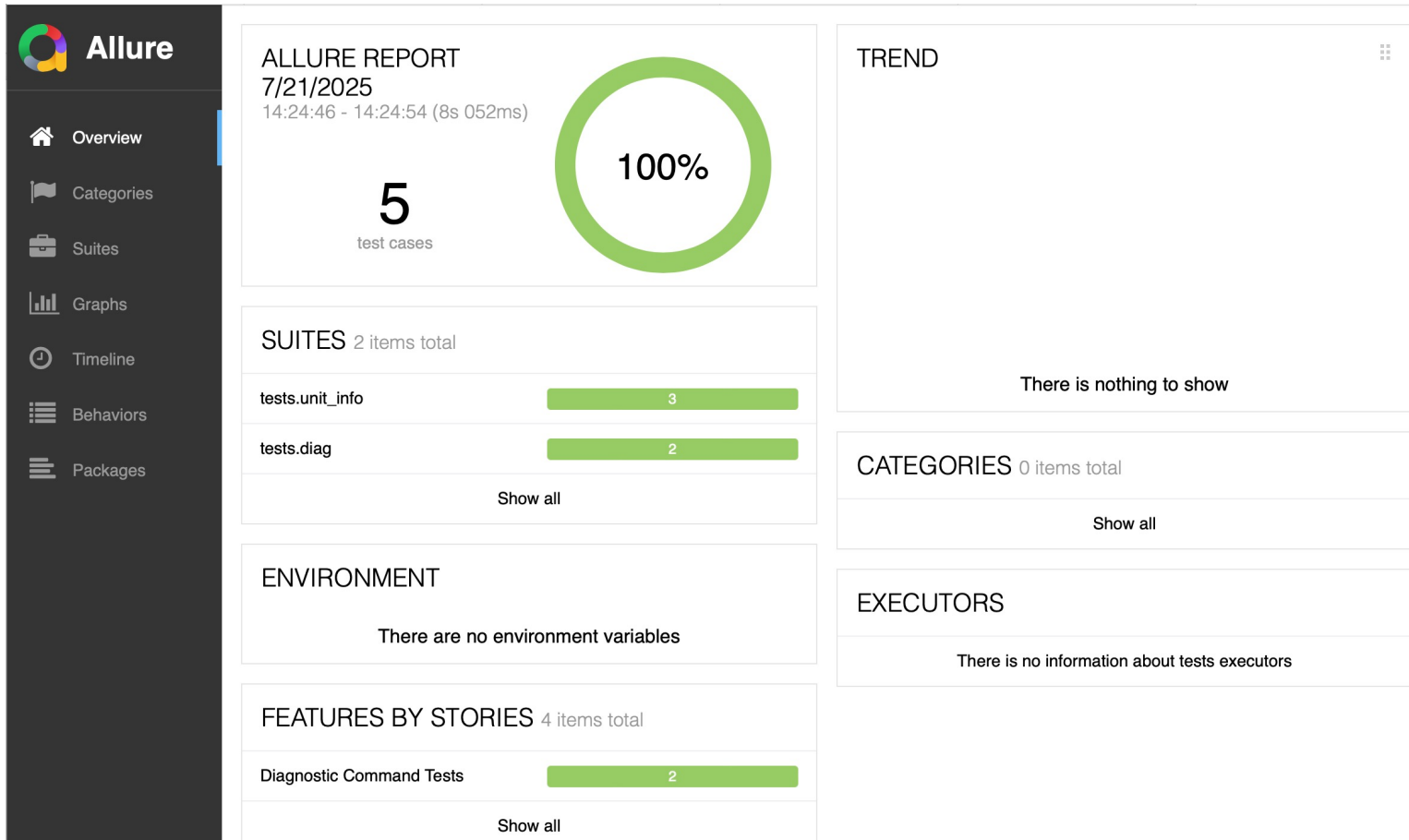
## Code Structure:




Code repo:

git clone [https://github.com/garthdawn/diag\\_tester.git](https://github.com/garthdawn/diag_tester.git)

# Allure Report : Overview



# Allure Report : test\_display\_slot\_info

 Allure

Overview

Categories

Suites

Graphs

Timeline

Behaviors

Packages

Suites

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-NO	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

Overview

Categories

Suites

Graphs

Timeline

Behaviors

Packages






Suites

order

name

duration

status

Status: 00500 Marks:     

> tests.diag2

< tests.unit\_info3

< test\_unit\_log\_file2

< Test\_unit\_log\_file2

✓ #1 test\_find\_log\_in\_time\_range[files of today]datetime.d...2ms

✓ #2 test\_find\_log\_in\_time\_range[files within 5 days]datetime.d...2ms

> test\_unitinfo1

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]

Overview

History

Retries

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 attachment1ms

> Step2: filter files from 2025-07-20 15:42:24.759059 to 2025-07-21 15:42:24.759074 1 attachment1ms

✓ Step3: Assert whether target file is found.0s

> Tear down

## Allure Report : test\_diagnostic\_show\_version

 **Allure**

Overview

Categories

Suites

Graphs

Timeline

Behaviors

Packages

Suites

order name duration status

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

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

Overview

Categories

Suites

Graphs

Timeline

Behaviors

Packages






Suites

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