PARASOFT C/C++test® Report

User configuration: **Run Unit Tests**
2025-05-19T16:23:39-04:00

TEST EXECUTION

Test Project Name	Tasks			Executed Test Cases		
	Fix Runtime Error Detection Violations	Fix Unit Test Problems	Review Unit Test Outcomes	Passed	Failed	Total
Timer	0	13	99	50	13	63
Total [0:00:22]	0	13	99	**50**	**13**	**63**

Legend:

Test Project Name	-	This is the project that contains the tests.
Fix Unit Test Problems	-	This represents the tasks arising from tests that have already been reviewed. This includes exceptions that have been marked as expected, assertion failures from previously reviewed tests, and any other kind of unexpected behavior that needs to be looked at (such as timeouts).
Review Unit Test Outcomes	-	These are outcomes from automatically generated tests that did not result in exceptions or assertion failures. Review them and ensure that the outcome is appropriate (and convert them to assertions if they are not already represented as assertions).

All Tasks

[**13**] **Unit Test Problems**
  [**13**] **Runtime Exceptions**
    [**13**] Access violation exception [CPPTEST_ACCESS_VIOLATION]
[**99**] **Unit Test Outcomes**
  [**99**] **Unverified Outcomes**
    [**99**] Outcome

Coverage Summary

+ **Total** [LC=**88** SC=**87** BC=**82** FC=**100** PC=**59** DC=**67** SCC=**75** MCDC=**63** CC=**85** (%)]
  + **Timer** [LC=**88** SC=**87** BC=**82** FC=**100** PC=**59** DC=**67** SCC=**75** MCDC=**63** CC=**85** (%)]
   + **Timer** [LC=**88** SC=**87** BC=**82** FC=**100** PC=**59** DC=**67** SCC=**75** MCDC=**63** CC=**85** (%)]
    + **clock.c** [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      display_time [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      set_time [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**N/A** (%)]
    + **driver.c** [LC=**78** SC=**78** BC=**69** FC=**100** PC=**30** DC=**50** SCC=**50** MCDC=**0** CC=**79** (%)]
      main [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      main_loop [LC=**58** SC=**58** BC=**64** FC=**100** PC=**13** DC=**50** SCC=**50** MCDC=**0** CC=**45** (%)]
      print_menu_get_action [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
    + **stdinout.c** [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      get_input_digit [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      print_string [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
    + **timer.c** [LC=**91** SC=**89** BC=**85** FC=**100** PC=**67** DC=**79** SCC=**79** MCDC=**71** CC=**88** (%)]
      add_timer [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**100** SCC=**100** MCDC=**100** CC=**100** (%)]
      add_timer_record [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**100** SCC=**100** MCDC=**100** CC=**100** (%)]
      delete_timer_record [LC=**88** SC=**80** BC=**71** FC=**100** PC=**67** DC=**75** SCC=**75** MCDC=**50** CC=**100** (%)]
      format_timer_record [LC=**57** SC=**57** BC=**50** FC=**100** PC=**0** DC=**0** SCC=**0** MCDC=**0** CC=**40** (%)]
      init_timer [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      list_timers [LC=**88** SC=**80** BC=**80** FC=**100** PC=**50** DC=**100** SCC=**100** MCDC=**100** CC=**80** (%)]
      query_user [LC=**100** SC=**100** BC=**100** FC=**100** PC=**100** DC=**N/A** SCC=**N/A** MCDC=**N/A** CC=**100** (%)]
      uninit_timer [LC=**100** SC=**100** BC=**100** FC=**100** PC=**50** DC=**100** SCC=**100** MCDC=**100** CC=**100** (%)]

Legend:

LC - Line Coverage
SC - Statement Coverage
BC - Block Coverage
FC - Function Coverage
PC - Path Coverage
DC - Decision Coverage
SCC - Simple Condition Coverage
MCDC - Modified Condition/Decision Coverage
CC - Call Coverage

Tasks by Author

Author	Tasks
syoung	112

Test Parameters

C++test: -config c++test.user://Run Unit Tests -report C:\Users\syoung\Documents\CppTestEclipse\cpptest\examples\Timer\reports