

# MARTE2-core - Meeting #1710

## MARTE2 QA-audit (v1.9.0)

04.04.2024 09:18 - André Neto

|  |            |                        |            |
|--|------------|------------------------|------------|
| <b>Status:</b>   | Closed     | <b>Start date:</b>     | 28.06.2022 |
| <b>Priority:</b>   | Normal     | <b>Due date:</b>       |            |
| <b>Assignee:</b>   | André Neto | <b>% Done:</b>         | 0%         |
| <b>Category:</b>   |            | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>   |            | <b>Spent time:</b>     | 0.00 hour  |
| <b>Description</b>   |            |                        |            |
| Windows version working again.   |            |                        |            |
| <b>General</b>   |            |                        |            |
| Information  |            |                        |            |
| The following files were detected as changed between branches develop and master |            |                        |            |
| .gitignore   |            |                        |            |
| Docs/User/source/_static/examples/Core/ConfigurationExample7.cpp                 |            |                        |            |
| Docs/User/source/_static/examples/Core/HttpExample1.cpp                          |            |                        |            |
| Docs/User/source/_static/examples/Core/Makefile.msc                              |            |                        |            |
| Docs/User/source/_static/examples/Core/MultiThreadServiceExample1.cpp            |            |                        |            |
| Docs/User/source/_static/examples/Core/SingleThreadServiceExample1.cpp           |            |                        |            |
| Docs/User/source/_static/examples/Core/StateMachineExample1.cpp                  |            |                        |            |
| Docs/User/source/_static/examples/Core/TCPSocketMessageProxyExample.cpp          |            |                        |            |
| Docs/User/source/_static/examples/Core/TCPSocketMessageProxyExample.h            |            |                        |            |
| Docs/User/source/contributing/development/environment/windows.rst                |            |                        |            |
| Test/Portable/Makefile.msc   |            |                        |            |
| MakeDefaults/MakeStdLibDefs.armv8_gcc_a53-bare_us                                |            |                        |            |
| MakeDefaults/MakeStdLibDefs.msc  |            |                        |            |
| MakeDefaults/MakeStdLibDefs.ppc-linux  |            |                        |            |
| MakeDefaults/MakeStdLibRules.msc   |            |                        |            |
| MakeDefaults/MakeStdLibRules.ppc-linux   |            |                        |            |
| Makefile.msc   |            |                        |            |
| Makefile.ppc-linux   |            |                        |            |
| Resources/Python/Source/StandardParser.py  |            |                        |            |
| Resources/Python/Test/Test_StandardParser.py                                     |            |                        |            |
| Resources/Python/Test/test_file.cfg  |            |                        |            |
| Resources/Python/setup.py  |            |                        |            |
| Resources/QA/qahelpers.py  |            |                        |            |
| Source/App/Makefile.msc  |            |                        |            |
| Source/Core/BareMetal/L0Types/Architecture/ppc_gcc/CompilerTypes.h               |            |                        |            |
| Source/Core/BareMetal/L0Types/Architecture/x86_cl/CompilerTypes.h                |            |                        |            |
| Source/Core/BareMetal/L0Types/Architecture/x86_gcc/CompilerTypes.h               |            |                        |            |
| Source/Core/BareMetal/L0Types/BitSet.cpp   |            |                        |            |
| Source/Core/BareMetal/L0Types/BitSet.h   |            |                        |            |
| Source/Core/BareMetal/L0Types/CompilerTypes.h                                    |            |                        |            |
| Source/Core/BareMetal/L0Types/DjbHashFunction.cpp                                |            |                        |            |
| Source/Core/BareMetal/L0Types/DjbHashFunction.h                                  |            |                        |            |
| Source/Core/BareMetal/L0Types/Fnv1aHashFunction.cpp                              |            |                        |            |
| Source/Core/BareMetal/L0Types/Fnv1aHashFunction.h                                |            |                        |            |
| Source/Core/BareMetal/L0Types/HashFunction.h                                     |            |                        |            |
| Source/Core/BareMetal/L0Types/Makefile.msc                                       |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/arm_gcc/HighResolutionTimerA.h  |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/arm_gcc/ProcessorA.h            |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/AtomicA.h               |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/EndianityA.h            |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/EndianityADefault.h     |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/FastMathA.h             |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/HardwareIA.h            |            |                        |            |
| Source/Core/BareMetal/L1Portability/Architecture/ppc_gcc/HighResolutionTimerA.h  |            |                        |            |

Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/ProcessorA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/AtomicA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/EndianityA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/FastMathA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/HardwareIA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/HighResolutionTimerA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/ProcessorA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/AtomicA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/EndianityA.h  
Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/HighResolutionTimerA.h  
Source/Core/BareMetal/L1Portability/Environment/BareUS/GeneralDefinitions.h  
Source/Core/BareMetal/L1Portability/Environment/BareUS/HighResolutionTimerCalibrator.cpp  
Source/Core/BareMetal/L1Portability/Environment/BareUS/StandardHeap.h  
Source/Core/BareMetal/L1Portability/Environment/Generic/StringHelper\_CLIB\_Generic.cpp  
Source/Core/BareMetal/L1Portability/Environment/Linux/GeneralDefinitions.h  
Source/Core/BareMetal/L1Portability/Environment/Linux/HighResolutionTimerCalibrator.h  
Source/Core/BareMetal/L1Portability/Environment/Windows/BasicConsole.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/ErrorManagement\_Gen.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/GeneralDefinitions.h  
Source/Core/BareMetal/L1Portability/Environment/Windows/HardwareI.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/HighResolutionTimer.h  
Source/Core/BareMetal/L1Portability/Environment/Windows/HighResolutionTimerCalibrator.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/HighResolutionTimerCalibrator.h  
Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/Makefile.inc  
Source/Core/BareMetal/L1Portability/Environment/Windows/Makefile.msc  
Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryCheck\_Gen.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryOperationsHelper\_CLIB\_Gen.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/Sleep.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/StandardHeap.h  
Source/Core/BareMetal/L1Portability/Environment/Windows/StandardHeap\_Gen.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelperExtras\_Gen.cpp  
Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelper\_CLIB\_Gen.cpp  
Source/Core/BareMetal/L1Portability/FastPollingMutexSem.cpp  
Source/Core/BareMetal/L1Portability/HardwareI.h  
Source/Core/BareMetal/L1Portability/Makefile.inc  
Source/Core/BareMetal/L1Portability/Makefile.msc  
Source/Core/BareMetal/L1Portability/MemoryOperationsHelper.cpp  
Source/Core/BareMetal/L1Portability/Sleep.cpp  
Source/Core/BareMetal/L1Portability/StaticListHolder.cpp  
Source/Core/BareMetal/L2Objects/AnyType.h  
Source/Core/BareMetal/L2Objects/ClassMethodCaller.h  
Source/Core/BareMetal/L2Objects/Makefile.msc  
Source/Core/BareMetal/L2Objects/ReferenceContainer.cpp  
Source/Core/BareMetal/L2Objects/ReferenceContainer.h  
Source/Core/BareMetal/L2Objects/ReferenceT.h  
Source/Core/BareMetal/L3Streams/AdvancedErrorManagement.h  
Source/Core/BareMetal/L3Streams/BufferedStreamI.h  
Source/Core/BareMetal/L3Streams/IOBuffer.cpp  
Source/Core/BareMetal/L3Streams/Makefile.msc  
Source/Core/BareMetal/L3Streams/StreamStructuredData.h  
Source/Core/BareMetal/L3Streams/StreamStructuredDataI.cpp  
Source/Core/BareMetal/L3Streams/XMLPrinter.cpp  
Source/Core/BareMetal/L3Streams/XMLPrinter.h  
Source/Core/BareMetal/L4Configuration/ConfigurationDatabase.h  
Source/Core/BareMetal/L4Configuration/ConfigurationDatabaseNode.cpp  
Source/Core/BareMetal/L4Configuration/FloatToInteger.cpp  
Source/Core/BareMetal/L4Configuration/IntegerToFloat.cpp  
Source/Core/BareMetal/L4Configuration/IntrospectionStructure.cpp  
Source/Core/BareMetal/L4Configuration/Makefile.msc  
Source/Core/BareMetal/L4Configuration/MathExpressionParser.cpp  
Source/Core/BareMetal/L4Configuration/RuntimeEvaluator.cpp  
Source/Core/BareMetal/L4Configuration/RuntimeEvaluatorFunction.cpp  
Source/Core/BareMetal/L4Configuration/StringToFloat.cpp  
Source/Core/BareMetal/L4Configuration/StringToInteger.cpp  
Source/Core/BareMetal/L4HttpService/HttpDefinition.cpp  
Source/Core/BareMetal/L4HttpService/HttpRealmI.cpp

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Source/Core/BareMetal/L4HttpService/Makefile.msc
Source/Core/BareMetal/L4Logger/Logger.h
Source/Core/BareMetal/L4Logger/Makefile.msc
Source/Core/BareMetal/L4Messages/Makefile.msc
Source/Core/BareMetal/L4Messages/MessageFilter.cpp
Source/Core/BareMetal/L4Messages/MessageFilterPool.cpp
Source/Core/BareMetal/L4Messages/MessageFilterPool.h
Source/Core/BareMetal/L4Messages/ObjectRegistryDatabaseMessageFilter.cpp
Source/Core/BareMetal/L4Messages/ObjectRegistryDatabaseMessageI.cpp
Source/Core/BareMetal/L4Messages/RegisteredMethodsMessageFilter.cpp
Source/Core/BareMetal/L4Messages/RegisteredMethodsMessageFilter.h
Source/Core/BareMetal/L4Messages/ReplyMessageCatcherMessageFilter.cpp
Source/Core/BareMetal/L5GAMs/GAMBareScheduler.cpp
Source/Core/BareMetal/L5GAMs/GAMBareScheduler.h
Source/Core/BareMetal/L5GAMs/Makefile.msc
Source/Core/BareMetal/L5GAMs/MemoryMapInterpolatedInputBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferBroker.h
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferInputBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferInputBroker.h
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferOutputBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapMultiBufferOutputBroker.h
Source/Core/BareMetal/L5GAMs/MemoryMapSynchronisedMultiBufferInputBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapSynchronisedMultiBufferInputBroker.h
Source/Core/BareMetal/L5GAMs/MemoryMapSynchronisedMultiBufferOutputBroker.cpp
Source/Core/BareMetal/L5GAMs/MemoryMapSynchronisedMultiBufferOutputBroker.h
Source/Core/BareMetal/L5GAMs/RealTimeApplicationConfigurationBuilder.cpp
Source/Core/BareMetal/L5GAMs/StatefulI.h
Source/Core/BareMetal/L6App/ConfigurationLoaderHashCRC.cpp
Source/Core/BareMetal/L6App/ConfigurationLoaderHashCRC.h
Source/Core/BareMetal/L6App/ConfigurationLoaderHashI.h
Source/Core/BareMetal/L6App/Environment/BareUS/Bootstrap.cpp
Source/Core/BareMetal/L6App/Environment/Windows/Bootstrap.cpp
Source/Core/BareMetal/L6App/Environment/Windows/Makefile.cov
Source/Core/BareMetal/L6App/Environment/Windows/Makefile.gcc
Source/Core/BareMetal/L6App/Environment/Windows/Makefile.inc
Source/Core/BareMetal/L6App/Environment/Windows/Makefile.msc
Source/Core/BareMetal/L6App/Makefile.msc
Source/Core/BareMetal/Makefile.msc
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicFile.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicSocket.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicTCPSocket.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUART.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h
Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUDPSocket.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/Directory.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryCore.h
Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryScanner.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/InternetHost.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/InternetHostCore.h
Source/Core/FileSystem/L1Portability/Environment/Windows/InternetMulticastCore.h
Source/Core/FileSystem/L1Portability/Environment/Windows/InternetService.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/InternetServiceCore.h
Source/Core/FileSystem/L1Portability/Environment/Windows/Makefile.inc
Source/Core/FileSystem/L1Portability/Environment/Windows/Select.cpp
Source/Core/FileSystem/L1Portability/Environment/Windows/SelectProperties.h
Source/Core/FileSystem/L1Portability/Environment/Windows/SocketCore.h
Source/Core/FileSystem/L1Portability/Makefile.msc
Source/Core/FileSystem/L3Streams/File.h
Source/Core/FileSystem/L3Streams/Makefile.msc
Source/Core/FileSystem/L3Streams/TCPSocket.h
Source/Core/FileSystem/L3Streams/UDPSocket.h
Source/Core/FileSystem/L4HttpService/HttpChunkedStream.cpp
Source/Core/FileSystem/L4HttpService/HttpChunkedStream.h
Source/Core/FileSystem/L4HttpService/HttpClient.cpp
Source/Core/FileSystem/L4HttpService/HttpClient.h
Source/Core/FileSystem/L4HttpService/HttpDataExportI.cpp
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Source/Core/FileSystem/L4HttpService/HttpDataExportI.h
Source/Core/FileSystem/L4HttpService/HttpDirectoryResource.cpp
Source/Core/FileSystem/L4HttpService/HttpDirectoryResource.h
Source/Core/FileSystem/L4HttpService/HttpMessageInterface.cpp
Source/Core/FileSystem/L4HttpService/HttpMessageInterface.h
Source/Core/FileSystem/L4HttpService/HttpObjectBrowser.cpp
Source/Core/FileSystem/L4HttpService/HttpObjectBrowser.h
Source/Core/FileSystem/L4HttpService/HttpProtocol.cpp
Source/Core/FileSystem/L4HttpService/HttpProtocol.h
Source/Core/FileSystem/L4HttpService/HttpService.cpp
Source/Core/FileSystem/L4HttpService/HttpService.h
Source/Core/FileSystem/L4HttpService/Makefile.msc
Source/Core/FileSystem/L4LoggerService/Makefile.msc
Source/Core/FileSystem/L4LoggerService/UDPLogger.cpp
Source/Core/FileSystem/L4LoggerService/UDPLogger.h
Source/Core/FileSystem/L6App/ConfigurationLoaderTCP.cpp
Source/Core/FileSystem/L6App/ConfigurationLoaderTCP.h
Source/Core/FileSystem/L6App/Environment/Windows/Bootstrap.cpp
Source/Core/FileSystem/L6App/Environment/Windows/Makefile.cov
Source/Core/FileSystem/L6App/Environment/Windows/Makefile.gcc
Source/Core/FileSystem/L6App/Environment/Windows/Makefile.inc
Source/Core/FileSystem/L6App/Environment/Windows/Makefile.msc
Source/Core/FileSystem/L6App/Makefile.msc
Source/Core/FileSystem/Makefile.msc
Source/Core/Makefile.inc
Source/Core/Makefile.msc
Source/Core/Scheduler/L1Portability/CountingSem.cpp
Source/Core/Scheduler/L1Portability/CountingSem.h
Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadInformation_Generic.cpp
Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadsDatabase_Generic.cpp
Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadsDatabase_Generic.h
Source/Core/Scheduler/L1Portability/Environment/Windows/EventSem.cpp
Source/Core/Scheduler/L1Portability/Environment/Windows/Makefile.inc
Source/Core/Scheduler/L1Portability/Environment/Windows/Makefile.msc
Source/Core/Scheduler/L1Portability/Environment/Windows/MutexSem.cpp
Source/Core/Scheduler/L1Portability/Environment/Windows/Sleep.cpp
Source/Core/Scheduler/L1Portability/Environment/Windows/Threads.cpp
Source/Core/Scheduler/L1Portability/Makefile.inc
Source/Core/Scheduler/L1Portability/Makefile.msc
Source/Core/Scheduler/L1Portability/ThreadInformation.h
Source/Core/Scheduler/L1Portability/Threads.h
Source/Core/Scheduler/L3Services/EmbeddedServiceI.cpp
Source/Core/Scheduler/L3Services/EmbeddedServiceI.h
Source/Core/Scheduler/L3Services/EmbeddedServiceMethodBinderI.cpp
Source/Core/Scheduler/L3Services/EmbeddedServiceMethodBinderI.h
Source/Core/Scheduler/L3Services/EmbeddedServiceMethodBinderT.h
Source/Core/Scheduler/L3Services/EmbeddedThread.cpp
Source/Core/Scheduler/L3Services/EmbeddedThread.h
Source/Core/Scheduler/L3Services/EmbeddedThreadI.cpp
Source/Core/Scheduler/L3Services/EmbeddedThreadI.h
Source/Core/Scheduler/L3Services/ExecutionInfo.cpp
Source/Core/Scheduler/L3Services/ExecutionInfo.h
Source/Core/Scheduler/L3Services/Makefile.msc
Source/Core/Scheduler/L3Services/MultiClientEmbeddedThread.cpp
Source/Core/Scheduler/L3Services/MultiClientEmbeddedThread.h
Source/Core/Scheduler/L3Services/MultiClientService.cpp
Source/Core/Scheduler/L3Services/MultiClientService.h
Source/Core/Scheduler/L3Services/MultiThreadService.cpp
Source/Core/Scheduler/L3Services/MultiThreadService.h
Source/Core/Scheduler/L3Services/SingleThreadService.cpp
Source/Core/Scheduler/L3Services/SingleThreadService.h
Source/Core/Scheduler/L3Services/ThreadsInformationQuery.cpp
Source/Core/Scheduler/L3Services/ThreadsInformationQuery.h
Source/Core/Scheduler/L4LoggerService/ConsoleLogger.cpp
Source/Core/Scheduler/L4LoggerService/ConsoleLogger.h
Source/Core/Scheduler/L4LoggerService/LoggerConsumerI.cpp
Source/Core/Scheduler/L4LoggerService/LoggerConsumerI.h
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Source/Core/Scheduler/L4LoggerService/LoggerService.cpp
Source/Core/Scheduler/L4LoggerService/LoggerService.h
Source/Core/Scheduler/L4LoggerService/Makefile.msc
Source/Core/Scheduler/L4Messages/Makefile.msc
Source/Core/Scheduler/L4Messages/QueuedMessageI.cpp
Source/Core/Scheduler/L4Messages/QueuedMessageI.h
Source/Core/Scheduler/L4Messages/QueuedReplyMessageCatcherFilter.cpp
Source/Core/Scheduler/L4Messages/QueuedReplyMessageCatcherFilter.h
Source/Core/Scheduler/L4Messages/QueueingMessageFilter.cpp
Source/Core/Scheduler/L4StateMachine/Makefile.msc
Source/Core/Scheduler/L4StateMachine/StateMachine.cpp
Source/Core/Scheduler/L4StateMachine/StateMachine.h
Source/Core/Scheduler/L4StateMachine/StateMachineEvent.cpp
Source/Core/Scheduler/L4StateMachine/StateMachineEvent.h
Source/Core/Scheduler/L5GAMs/CircularBufferThreadInputDataSource.cpp
Source/Core/Scheduler/L5GAMs/CircularBufferThreadInputDataSource.h
Source/Core/Scheduler/L5GAMs/FastScheduler.cpp
Source/Core/Scheduler/L5GAMs/FastScheduler.h
Source/Core/Scheduler/L5GAMs/GAMScheduler.cpp
Source/Core/Scheduler/L5GAMs/GAMScheduler.h
Source/Core/Scheduler/L5GAMs/Makefile.msc
Source/Core/Scheduler/L5GAMs/MemoryMapAsyncOutputBroker.cpp
Source/Core/Scheduler/L5GAMs/MemoryMapAsyncOutputBroker.h
Source/Core/Scheduler/L5GAMs/MemoryMapAsyncTriggerOutputBroker.cpp
Source/Core/Scheduler/L5GAMs/MemoryMapAsyncTriggerOutputBroker.h
Source/Core/Scheduler/Makefile.msc
Test/Core/BareMetal/L1Portability/AtomicTest.h
Test/Core/BareMetal/L1Portability/BasicConsoleTest.cpp
Test/Core/BareMetal/L1Portability/BasicConsoleTest.h
Test/Core/BareMetal/L1Portability/EndianityTest.cpp
Test/Core/BareMetal/L1Portability/EndianityTest.h
Test/Core/BareMetal/L1Portability/FastMathTest.cpp
Test/Core/BareMetal/L1Portability/FastMathTest.h
Test/Core/BareMetal/L1Portability/HighResolutionTimerTest.cpp
Test/Core/BareMetal/L1Portability/HighResolutionTimerTest.h
Test/Core/BareMetal/L1Portability/Makefile.msc
Test/Core/BareMetal/L1Portability/MemoryAreaTest.cpp
Test/Core/BareMetal/L1Portability/SleepTest.cpp
Test/Core/BareMetal/L1Portability/SleepTest.h
Test/Core/BareMetal/L1Portability/StringTestHelper.h
Test/Core/BareMetal/L2Objects/AnyTypeTest.cpp
Test/Core/BareMetal/L2Objects/AnyTypeTest.h
Test/Core/BareMetal/L2Objects/ClassWithCallableMethods.cpp
Test/Core/BareMetal/L2Objects/IntrospectionTest.cpp
Test/Core/BareMetal/L2Objects/IntrospectionTest.h
Test/Core/BareMetal/L2Objects/Makefile.msc
Test/Core/BareMetal/L2Objects/ObjectTest.cpp
Test/Core/BareMetal/L2Objects/ObjectTestHelper.cpp
Test/Core/BareMetal/L2Objects/ObjectTestHelper.h
Test/Core/BareMetal/L2Objects/ReferenceContainerTest.cpp
Test/Core/BareMetal/L2Objects/TestObjectHelper3.cpp
Test/Core/BareMetal/L2Objects/TestObjectHelper3.h
Test/Core/BareMetal/L3Streams/BufferedStreamITest.cpp
Test/Core/BareMetal/L3Streams/BufferedStreamITest.h
Test/Core/BareMetal/L3Streams/IOBufferTest.cpp
Test/Core/BareMetal/L3Streams/IOBufferTest.h
Test/Core/BareMetal/L3Streams/Makefile.msc
Test/Core/BareMetal/L4Configuration/IntrospectionTestHelper.cpp
Test/Core/BareMetal/L4Configuration/IntrospectionTestHelper.h
Test/Core/BareMetal/L4Configuration/RuntimeEvaluatorFunctionTest.cpp
Test/Core/BareMetal/L4Configuration/TypeConversionTest.cpp
Test/Core/BareMetal/L4Messages/Makefile.msc
Test/Core/BareMetal/L5GAMs/GAMTest.cpp
Test/Core/BareMetal/L5GAMs/GAMTestHelper.cpp
Test/Core/BareMetal/L5GAMs/GAMTestHelper.h
Test/Core/BareMetal/L5GAMs/RealTimeApplicationBuilderTest.cpp
Test/Core/BareMetal/L5GAMs/RealTimeStateTest.cpp
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Test/Core/BareMetal/Makefile.msc
Test/Core/FileSystem/L1Portability/BasicTCPSocketTest.cpp
Test/Core/FileSystem/L1Portability/Makefile.msc
Test/Core/FileSystem/L4HttpService/HttpClientTest.cpp
Test/Core/FileSystem/L4HttpService/HttpDirectoryResourceTest.cpp
Test/Core/FileSystem/L4HttpService/HttpMessageInterfaceTest.cpp
Test/Core/FileSystem/L4HttpService/HttpObjectBrowserTest.cpp
Test/Core/FileSystem/L4HttpService/HttpServiceTest.cpp
Test/Core/FileSystem/L4LoggerService/UDPLoggerTest.cpp
Test/Core/FileSystem/L6App/ConfigurationLoaderTCPTest.cpp
Test/Core/FileSystem/Makefile.msc
Test/Core/Scheduler/L1Portability/EventSemTest.h
Test/Core/Scheduler/L1Portability/Makefile.msc
Test/Core/Scheduler/L1Portability/MutexSemTest.cpp
Test/Core/Scheduler/L1Portability/MutexSemTest.h
Test/Core/Scheduler/L1Portability/ProcessorTest.cpp
Test/Core/Scheduler/L1Portability/ProcessorTest.h
Test/Core/Scheduler/L1Portability/ThreadsTest.cpp
Test/Core/Scheduler/L1Portability/ThreadsTest.h
Test/Core/Scheduler/L3Services/EmbeddedServiceMethodBinderTTest.cpp
Test/Core/Scheduler/L3Services/EmbeddedThreadITest.cpp
Test/Core/Scheduler/L3Services/EmbeddedThreadTest.cpp
Test/Core/Scheduler/L3Services/ExecutionInfoTest.cpp
Test/Core/Scheduler/L3Services/Makefile.msc
Test/Core/Scheduler/L3Services/MultiClientEmbeddedThreadTest.cpp
Test/Core/Scheduler/L3Services/MultiClientServiceTest.cpp
Test/Core/Scheduler/L3Services/MultiThreadServiceTest.cpp
Test/Core/Scheduler/L3Services/SingleThreadServiceTest.cpp
Test/Core/Scheduler/L4LoggerService/ConsoleLoggerTest.cpp
Test/Core/Scheduler/L4LoggerService/LoggerServiceTest.cpp
Test/Core/Scheduler/L4LoggerService/Makefile.msc
Test/Core/Scheduler/L4Messages/Makefile.msc
Test/Core/Scheduler/L4Messages/QueuedMessageITest.cpp
Test/Core/Scheduler/L4StateMachine/Makefile.msc
Test/Core/Scheduler/L4StateMachine/StateMachineEventTest.cpp
Test/Core/Scheduler/L4StateMachine/StateMachineTest.cpp
Test/Core/Scheduler/L5GAMs/CircularBufferThreadInputDataSourceTest.cpp
Test/Core/Scheduler/L5GAMs/GAMSchedulerTest.cpp
Test/Core/Scheduler/L5GAMs/MemoryMapAsyncOutputBrokerTest.cpp
Test/Core/Scheduler/L5GAMs/MemoryMapAsyncTriggerOutputBrokerTest.cpp
Test/Core/Scheduler/Makefile.msc
Test/GTest/BareMetal/L1Portability/AtomicGTest.cpp
Test/GTest/BareMetal/L1Portability/BasicConsoleGTest.cpp
Test/GTest/BareMetal/L1Portability/EndianityGTest.cpp
Test/GTest/BareMetal/L1Portability/HighResolutionTimerGTest.cpp
Test/GTest/BareMetal/L1Portability/SleepGTest.cpp
Test/GTest/BareMetal/L1Portability/StaticListGTest.cpp
Test/GTest/BareMetal/L3Streams/BufferedStreamIGTest.cpp
Test/GTest/BareMetal/L4Configuration/RuntimeEvaluatorFunctionGTest.cpp
Test/GTest/FileSystem/L4HttpService/HttpServiceGTest.cpp
Test/GTest/Makefile.inc
Test/GTest/Makefile.msc
Test/GTest/Scheduler/L1Portability/EventSemGTest.cpp
Test/GTest/Scheduler/L1Portability/ProcessorGTest.cpp
Test/GTest/Scheduler/L1Portability/ThreadsGTest.cpp
Test/GTest/Scheduler/L3Services/EmbeddedThreadGTest.cpp
Test/GTest/Scheduler/L3Services/EmbeddedThreadIGTest.cpp
Test/GTest/Scheduler/L3Services/MultiClientEmbeddedThreadGTest.cpp
Test/GTest/Scheduler/L3Services/MultiClientServiceGTest.cpp
Test/GTest/Scheduler/L3Services/MultiThreadServiceGTest.cpp
Test/GTest/Scheduler/L3Services/SingleThreadServiceGTest.cpp
Test/GTest/Scheduler/L4LoggerService/ConsoleLoggerGTest.cpp
Test/GTest/Scheduler/L4LoggerService/LoggerServiceGTest.cpp
Test/GTest/Scheduler/L4Messages/QueuedMessageIGTest.cpp
Test/GTest/Scheduler/L4StateMachine/StateMachineGTest.cpp
Test/GTest/Scheduler/L5GAMs/CircularBufferThreadInputDataSourceGTest.cpp
Test/GTest/Scheduler/L5GAMs/FastSchedulerGTest.cpp
```

Test/GTest/Scheduler/L5GAMs/GAMSchedulerGTest.cpp  
Test/Makefile.msc

**OK:** no errors found.

## Requirements review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of requirements:** N/A

**Result of review:** N/A

**List of non-conformities:** N/A

**Comments:** N/A

## Architecture & design review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of architecture & design document:** N/A

**Result of review:** N/A

**List of non-conformities:** N/A

**Comments:** N/A

## Code and documentation review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of source code:** f5ff49cf63fce2586cc47926e78229b8f6fa5f1e

**Result of review:** PASS

**List of non-conformities:**

There was an issue with non utf-8 character used for some author names. This was making the QAScript crash.

### Headers

**ERR:** Invalid @author in file Docs/User/source/\_static/examples/Core/ConfigurationExample7.cpp  
**ERR:** Invalid #includes sorted in file Docs/User/source/\_static/examples/Core/MultiThreadServiceExample1.cpp  
**ERR:** Invalid #includes sorted in file Docs/User/source/\_static/examples/Core/SingleThreadServiceExample1.cpp  
**ERR:** Invalid #includes sorted in file Docs/User/source/\_static/examples/Core/TCPSocketMessageProxyExample.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L0Types/Architecture/ppc\_gcc/CompilerTypes.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L0Types/Architecture/x86\_cl/CompilerTypes.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L0Types/Architecture/x86\_cl/CompilerTypes.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L0Types/Architecture/x86\_gcc/CompilerTypes.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/arm\_gcc/HighResolutionTimerA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/arm\_gcc/ProcessorA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/AtomicA.h  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityA.h  
**ERR:** Invalid @date in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityA.h  
**ERR:** Invalid @author in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityA.h  
**ERR:** Invalid @copyright in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityA.h

**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityADefault.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/EndianityADefault.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/HardwareIA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/HighResolutionTimerA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/ppc\_gcc/ProcessorA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/AtomicA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/EndianityA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/FastMathA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/HardwareIA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/HighResolutionTimerA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_cl/ProcessorA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/AtomicA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/EndianityA.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Architecture/x86\_gcc/HighResolutionTimerA.h  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/BareUS/HighResolutionTimerCalibrator.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/BareUS/HighResolutionTimerCalibrator.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/BareUS/HighResolutionTimerCalibrator.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/BareUS/StandardHeap.h  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Generic/StringHelper\_CLIB\_Generic.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Generic/StringHelper\_CLIB\_Generic.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Linux/GeneralDefinitions.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/BasicConsole.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/ErrorManagement\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/ErrorManagement\_Gen.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/ErrorManagement\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/Hardware.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/HighResolutionTimer.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/HighResolutionTimerCalibrator.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
**ERR:** Invalid @date in file Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
**ERR:** Invalid @copyright in file Source/Core/BareMetal/L1Portability/Environment/Windows/LoadableLibrary.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryCheck\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryCheck\_Gen.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryCheck\_Gen.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryOperationsHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryOperationsHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid #includes sorted in file  
Source/Core/BareMetal/L1Portability/Environment/Windows/MemoryOperationsHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/Sleep.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/StandardHeap.h  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/StandardHeap\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/StandardHeap\_Gen.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelperExtras\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelperExtras\_Gen.cpp  
**ERR:** Invalid @file in file Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/Environment/Windows/StringHelper\_CLIB\_Gen.cpp  
**ERR:** Invalid @brief in file Source/Core/BareMetal/L1Portability/Hardware.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L1Portability/StaticListHolder.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L2Objects/ReferenceContainer.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L2Objects/ReferenceT.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L3Streams/BufferedStreamI.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L3Streams/IOBuffer.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L4Configuration/ConfigurationDatabase.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L4Configuration/ConfigurationDatabase.h  
**ERR:** Invalid @author in file Source/Core/BareMetal/L4Logger/Logger.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L4Messages/MessageFilterPool.h  
**ERR:** Invalid @author in file Source/Core/BareMetal/L4Messages/ObjectRegistryDatabaseMessageFilter.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L4Messages/ObjectRegistryMessageI.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L4Messages/RegisteredMethodsMessageFilter.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L5GAMs/MemoryMapInterpolatedInputBroker.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L6App/ConfigurationLoaderHashCRC.cpp  
**ERR:** Invalid @author in file Source/Core/BareMetal/L6App/ConfigurationLoaderHashCRC.h  
**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L6App/ConfigurationLoaderHashCRC.h  
**ERR:** Invalid @author in file Source/Core/BareMetal/L6App/ConfigurationLoaderHashI.h

**ERR:** Invalid #includes sorted in file Source/Core/BareMetal/L6App/Environment/Windows/Bootstrap.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicSocket.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicSocket.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicTCPSocket.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicTCPSocket.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUART.cpp  
**ERR:** Invalid @author in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUART.cpp  
**ERR:** Invalid @file in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h  
**ERR:** Invalid @brief in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h  
**ERR:** Invalid @author in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h  
**ERR:** Invalid @copyright in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUARTProperties.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUDPSocket.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/BasicUDPSocket.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/Directory.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/Directory.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryCore.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryScanner.cpp  
**ERR:** Invalid @author in file Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryScanner.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/DirectoryScanner.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetHost.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetHost.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetHostCore.h  
**ERR:** Invalid @file in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetMulticastCore.h  
**ERR:** Invalid @brief in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetMulticastCore.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetService.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetService.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetServiceCore.h  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/InternetServiceCore.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/Select.cpp  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/SelectProperties.h  
**ERR:** Invalid @date in file Source/Core/FileSystem/L1Portability/Environment/Windows/SocketCore.h  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L1Portability/Environment/Windows/SocketCore.h  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L3Streams/TCPSocket.h  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L3Streams/UDPSocket.h  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L4HttpService/HttpDirectoryResource.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L4HttpService/HttpDirectoryResource.h  
**ERR:** Invalid @file in file Source/Core/FileSystem/L4LoggerService/UDPLLogger.cpp  
**ERR:** Invalid @brief in file Source/Core/FileSystem/L4LoggerService/UDPLLogger.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L6App/ConfigurationLoaderTCP.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/FileSystem/L6App/ConfigurationLoaderTCP.h  
**ERR:** Invalid @file in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadInformation\_Generic.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadInformation\_Generic.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadInformation\_Generic.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadsDatabase\_Generic.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadsDatabase\_Generic.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Generic/ThreadsDatabase\_Generic.h  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Windows/Sleep.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Windows/Threads.cpp  
**ERR:** Invalid @date in file Source/Core/Scheduler/L1Portability/Environment/Windows/Threads.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L1Portability/Environment/Windows/Threads.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L1Portability/Environment/Threads.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L1Portability/Threads.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L3Services/ExecutionInfo.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L3Services/MultiClientEmbeddedThread.h  
**ERR:** Invalid @file in file Source/Core/Scheduler/L3Services/MultiClientService.cpp  
**ERR:** Invalid @date in file Source/Core/Scheduler/L3Services/MultiClientService.cpp  
**ERR:** Invalid @brief in file Source/Core/Scheduler/L3Services/MultiThreadService.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L4LoggerService/LoggerConsumerI.h  
**ERR:** Invalid @author in file Source/Core/Scheduler/L4LoggerService/LoggerService.cpp  
**ERR:** Invalid @author in file Source/Core/Scheduler/L4LoggerService/LoggerService.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L4Messages/QueuedMessageI.cpp  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L4Messages/QueuedMessageI.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L5GAMs/CircularBufferThreadInputDataSource.h  
**ERR:** Invalid #includes sorted in file Source/Core/Scheduler/L5GAMs/MemoryMapAsyncTriggerOutputBroker.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L1Portability/BasicConsoleTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L1Portability/FastMathTest.cpp

**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L1Portability/HighResolutionTimerTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L2Objects/AnyTypeTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L2Objects/IntrospectionTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L2Objects/ObjectTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L2Objects/ObjectTestHelper.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L2Objects/TestObjectHelper3.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L3Streams/BufferedStreamITest.h  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L3Streams/IOBufferTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L4Configuration/IntrospectionTestHelper.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L5GAMs/GAMTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L5GAMs/GAMTestHelper.h  
**ERR:** Invalid @author in file Test/Core/BareMetal/L5GAMs/RealTimeStateTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/BareMetal/L5GAMs/RealTimeStateTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/FileSystem/L1Portability/BasicTCPSocketTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L1Portability/MutexSemTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L1Portability/MutexSemTest.h  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L1Portability/ThreadsTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L3Services/EmbeddedThreadITest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L3Services/EmbeddedThreadTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L3Services/MultiClientEmbeddedThreadTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L4LoggerService/ConsoleLoggerTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L4Messages/QueuedMessageITest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L4StateMachine/StateMachineEventTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L4StateMachine/StateMachineTest.cpp  
**ERR:** Invalid #includes sorted in file Test/Core/Scheduler/L5GAMs/MemoryMapAsyncTriggerOutputBrokerTest.cpp  
**ERR:** Invalid @date in file Test/GTest/BareMetal/L1Portability/AtomicGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/BareMetal/L1Portability/AtomicGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/BareMetal/L1Portability/BasicConsoleGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/BareMetal/L1Portability/EndianityGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/BareMetal/L1Portability/HighResolutionTimerGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/BareMetal/L4Configuration/RuntimeEvaluatorFunctionGTest.cpp  
**ERR:** Invalid @file in file Test/GTest/Scheduler/L1Portability/EventSemGTest.cpp  
**ERR:** Invalid @brief in file Test/GTest/Scheduler/L1Portability/EventSemGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L1Portability/EventSemGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L3Services/EmbeddedThreadGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L3Services/EmbeddedThreadIGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L3Services/MultiClientServiceGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L3Services/MultiThreadServiceGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L3Services/SingleThreadServiceGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L4LoggerService/ConsoleLoggerGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L4LoggerService/LoggerServiceGTest.cpp  
**ERR:** Invalid @file in file Test/GTest/Scheduler/L4StateMachine/StateMachineGTest.cpp  
**ERR:** Invalid @brief in file Test/GTest/Scheduler/L4StateMachine/StateMachineGTest.cpp  
**ERR:** Invalid #includes sorted in file Test/GTest/Scheduler/L5GAMs/FastSchedulerGTest.cpp

## Lint includes

**ERR:** File MARTEApp.cpp is not being linted!  
**ERR:** File SocketCoreSingleton.cpp is not being linted!  
**ERR:** File ErrorManagement\_Gen.cpp is not being linted!  
**ERR:** File StandardHeap\_Gen.cpp is not being linted!  
**ERR:** File MemoryCheck\_Gen.cpp is not being linted!  
**ERR:** File StringHelper\_CLIB\_Gen.cpp is not being linted!  
**ERR:** File MemoryOperationsHelper\_CLIB\_Gen.cpp is not being linted!  
**ERR:** File StringHelperExtras\_Gen.cpp is not being linted!  
**ERR:** Not all files are being included for linting

## Linter

**ERR:** suspicious because of 'zero length zone of transition'; option has no effect  
**ERR:** (0): Note 974: Worst case function for stack usage: 'MARTE::ConfigurationDatabase::Copy' is recursive, loop contains call to 'MARTE::ConfigurationDatabase::Copy'. See [stack for a full report. \[MISRA C+ Rule 7-5-4\]](#) (Note <a href="https://vcis-jenkins.f4e.europa.eu/userContent/LintMsgRef.html#974">974</a>)

## Doxxygen

**OK:** no errors found.

## Unit test review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of source code:** f5ff49cf63fce2586cc47926e78229b8f6fa5f1e

**Result of coverage tests review:** PASS

**Result of functional tests review:** PASS

**Result of review:** PASS

**Comments:**

**List of non-conformities:**

There is a lot of noise (i.e. files that are not meant to be tested that should be cleared with the QA script settings in jenkins)

### Functional tests

**ERR:** BitSet:Resize is not tested

**ERR:** HashFunction:Compute is not tested

**ERR:** Test file not found: Test/GTest/BareMetal/L0Types/HashFunctionGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/ProcessorAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/AtomicAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/EndianityAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/EndianityADefaultGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/FastMathAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HardwareIAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/ProcessorAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/AtomicAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/EndianityAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/FastMathAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HardwareIAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/ProcessorAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/AtomicAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/EndianityAGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerAGTest.cpp

**ERR:** StandardHeap:Duplicate is not tested

**ERR:** StandardHeap:FirstAddress is not tested

**ERR:** StandardHeap:Free is not tested

**ERR:** StandardHeap:LastAddress is not tested

**ERR:** StandardHeap:Malloc is not tested

**ERR:** StandardHeap:Name is not tested

**ERR:** StandardHeap:Realloc is not tested

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/StandardHeapGTest.cpp

**ERR:** HighResolutionTimerCalibrator:GetFrequency is not tested

**ERR:** HighResolutionTimerCalibrator:GetPeriod is not tested

**ERR:** HighResolutionTimerCalibrator:GetTimeStamp is not tested

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerCalibratorGTest.cpp

**ERR:** HighResolutionTimerCalibrator:GetFrequency is not tested

**ERR:** HighResolutionTimerCalibrator:GetPeriod is not tested

**ERR:** HighResolutionTimerCalibrator:GetTimeStamp is not tested

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HighResolutionTimerCalibratorGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/StandardHeapGTest.cpp

**ERR:** Test file not found: Test/GTest/BareMetal/L1Portability/HardwareIAGTest.cpp

**ERR:** ReferenceContainer:Lock is not tested

**ERR:** ReferenceContainer:UnLock is not tested

**ERR:** StreamStructuredData:GetPrinter is not tested

**ERR:** StreamStructuredData:SetStream is not tested  
**ERR:** StreamStructuredData:StreamStructuredDataNodeDes is not tested  
**ERR:** Logger:Instance is not tested  
**ERR:** Statefull:PrepareNextState is not tested  
**ERR:** Test file not found: Test/GTest/BareMetal/L5GAMs/StatefullIGTest.cpp  
**ERR:** ConfigurationLoaderHashI:ComputeHash is not tested  
**ERR:** ConfigurationLoaderHashI:GetSeed is not tested  
**ERR:** Test file not found: Test/GTest/BareMetal/L6App/ConfigurationLoaderHashIGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/BasicUARTPropertiesGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/DirectoryCoreGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/InternetHostCoreGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/InternetMulticastCoreGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/InternetServiceCoreGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/SelectPropertiesGTest.cpp  
**ERR:** Test file not found: Test/GTest/FileSystem/L1Portability/SocketCoreGTest.cpp  
**ERR:** HttpObjectBrowser:Purge is not tested  
**ERR:** Test file not found: Test/GTest/Scheduler/L1Portability/ThreadsDatabase\_GenericGTest.cpp  
**ERR:** ThreadInformation:Copy is not tested  
**ERR:** ThreadInformation:GetPriorityClass is not tested  
**ERR:** ThreadInformation:GetPriorityLevel is not tested  
**ERR:** ThreadInformation:GetThreadIdentifier is not tested  
**ERR:** ThreadInformation:SetPriorityClass is not tested  
**ERR:** ThreadInformation:SetPriorityLevel is not tested  
**ERR:** ThreadInformation:SetThreadIdentifier is not tested  
**ERR:** ThreadInformation:ThreadName is not tested  
**ERR:** ThreadInformation:ThreadPost is not tested  
**ERR:** ThreadInformation:ThreadWait is not tested  
**ERR:** ThreadInformation:UserThreadFunction is not tested  
**ERR:** Test file not found: Test/GTest/Scheduler/L1Portability/ThreadInformationGTest.cpp  
**ERR:** EmbeddedServiceI:GetCPUMask is not tested  
**ERR:** EmbeddedServiceI:GetPriorityClass is not tested  
**ERR:** EmbeddedServiceI:GetPriorityLevel is not tested  
**ERR:** EmbeddedServiceI:GetStackSize is not tested  
**ERR:** EmbeddedServiceI:GetTimeout is not tested  
**ERR:** EmbeddedServiceI:Initialise is not tested  
**ERR:** EmbeddedServiceI:SetCPUMask is not tested  
**ERR:** EmbeddedServiceI:SetPriorityClass is not tested  
**ERR:** EmbeddedServiceI:SetPriorityLevel is not tested  
**ERR:** EmbeddedServiceI:SetStackSize is not tested  
**ERR:** EmbeddedServiceI:SetTimeout is not tested  
**ERR:** EmbeddedServiceI:Start is not tested  
**ERR:** EmbeddedServiceI:Stop is not tested  
**ERR:** Test file not found: Test/GTest/Scheduler/L3Services/EmbeddedServiceIGTest.cpp  
**ERR:** EmbeddedServiceMethodBinderI:Execute is not tested  
**ERR:** Test file not found: Test/GTest/Scheduler/L3Services/EmbeddedServiceMethodBinderIGTest.cpp  
**ERR:** EmbeddedServiceMethodBinderT:MethodPointer is not tested  
**ERR:** EmbeddedThreadI:SetThreadNumber is not tested  
**ERR:** EmbeddedThreadI:States is not tested  
**ERR:** EmbeddedThreadI:ThreadLoop is not tested  
**ERR:** SingleThreadService:GetStatus is not tested  
**ERR:** LoggerConsumerI:ConsumeLogMessage is not tested  
**ERR:** StateMachine:GetCurrentState is not tested  
**ERR:** StateMachine:GetCurrentStateStatus is not tested  
**ERR:** StateMachine:Purge is not tested  
**ERR:** StateMachineEvent:Reset is not tested  
**ERR:** FastScheduler:ConfigureScheduler is not tested  
**ERR:** FastScheduler:Execute is not tested  
**ERR:** GAMScheduler:Execute is not tested  
**ERR:** MemoryMapAsyncOutputBroker:Flush is not tested  
**ERR:** MemoryMapAsyncOutputBroker:UnlinkDataSource is not tested  
**ERR:** MemoryMapAsyncTriggerOutputBroker:UnlinkDataSource is not tested

## GTest

**ERR:** Number of tests decreased. Current branch: 5095. Reference branch: 5096  
**ERR:** Number of errors has increased. Number of tests: 5095. Current branch: 14. Reference branch: 13

## Unsolved Failing Tests

**ERR:** TestInterleavedDSMemory  
**ERR:** TestInterleavedDSMemoryOptim  
**ERR:** TestRead  
**ERR:** TestReadTimeout  
**ERR:** TestClose  
**ERR:** TestOpen  
**ERR:** TestSetSpeed  
**ERR:** TestSetSpeed\_False\_Open  
**ERR:** TestWaitRead  
**ERR:** TestWrite  
**ERR:** TestWaitUntil\_waitTimeout  
**ERR:** TestForceReset  
**ERR:** TestPriority

## New Failing Tests

**ERR:** TestRemoveThread

## Solved Failing Tests

### Coverage

**ERR:** L1Portability/FastResourceContainer.cpp: insufficient line coverage: (83.7 % < 90.0 %). Reference branch (87.8 % < 90.0 %)  
**ERR:** L3Streams/BufferedStreamI.h: insufficient line coverage: (77.8 % < 90.0 %). Reference branch (80.6 % < 90.0 %)  
**OK:** L1Portability/FastPollingMutexSem.cpp: was modified. line coverage is still OK. This branch (97.4 % >= 90.0 %). Reference branch (94.7 % >= 90.0 %)  
**OK:** L3Streams/IOBuffer.cpp: was modified. line coverage is still OK. This branch (95.1 % >= 90.0 %). Reference branch (95.0 % >= 90.0 %)  
**OK:** L4Configuration/ConfigurationDatabase.h: is new. Line coverage is OK: (100.0 % >= 90.0 %)  
**OK:** L5GAMs/RealTimeApplica...nfigurationBuilder.cpp: was modified. line coverage is still OK. This branch (96.9 % >= 90.0 %). Reference branch (96.8 % >= 90.0 %)

## Integration test review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of source code:** f5ff49cf63fce2586cc47926e78229b8f6fa5f1e

**Result of review:** N/A

**List of non-conformities:** N/A

**Comments:** N/A

## Acceptance test review

**Date of the review:** 03/04/2024

**Person who did the review:** jenkins1 (codac.local)

**Version of source code:** f5ff49cf63fce2586cc47926e78229b8f6fa5f1e

**Result of review:** N/A

**List of non-conformities:** N/A

**Comments:** N/A