

MARTe2-core - User story #161

Lint: ThreadInformation

28.06.2015 19:03 - André Neto

Status: Closed	Start date: 28.06.2015
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: Backlog	Spent time: 0.00 hour
Git branch (link):	SVN commit (link/?p=rev):
Git merge to develop (link):	

Description

Verify and implement coding standard using Flexelint.

Source code files modified

- Source/Core/L0Portability/ThreadInformation.cpp
- Source/Core/L0Portability/ThreadInformation.h

Architecture & design review

Date of the review: 29/07/2015

Person who did the review: Ivan Herrero

Version of architecture & design document: N/A. As per the original MARTe implementation, this is a support function and does not require formal design in UML.

Result of review: N/A

List of non-conformities: N/A

Code and documentation review

Date of the review: 29/07/2015

Person who did the review: Ivan Herrero

Result of review: PASS (MISRA non compliant)

List of non-conformities:

- MARTe2-dev/Source/Core/L0Portability/ThreadInformation.h:47:25: Note 9109: type 'ThreadInformation' previously declared at location 'line 47' [MISRA C++ Rule 3-2-3]
- MARTe2-dev/Source/Core/L0Portability/ThreadInformation.cpp:93:49: Note 929: cast from pointer to pointer [MISRA C++ Rule 5-2-7]
- MARTe2-dev/Source/Core/L0Portability/ThreadInformation.h:47:25: Note 9109: type 'ThreadInformation' previously declared at location 'line 47' [MISRA C++ Rule 3-2-3]
- MARTe2-dev/Source/Core/L0Portability/ThreadInformation.h:47:25: Note 9109: type 'ThreadInformation' previously declared at location 'line 47' [MISRA C++ Rule 3-2-3]
- Warning 459: Function 'SystemThreadFunction(ThreadInformation *)' whose address was taken has an unprotected access to variable 'ThreadsDatabase::maxNOOfEntries'
- Warning 459: Function 'SystemThreadFunction(ThreadInformation *)' whose address was taken has an unprotected access to variable 'ThreadsDatabase::nOfEntries'
- Warning 459: Function 'SystemThreadFunction(ThreadInformation *)' whose address was taken has an unprotected access to variable 'ThreadsDatabase::entries'
- Warning 459: Function 'SystemThreadFunction(ThreadInformation *)' whose address was taken has an unprotected access to

variable 'ThreadsDatabase::internalMutex'

Unit test review

Date of the review: 29/07/2015

Person who did the review: Ivan Herrero

Result of coverage tests review: PASS

Result of functional tests review: N/A

Result of review: FAIL

List of non-conformities:

ThreadInformation class has not specific unit tests, but it is actually tested through the unit tests of ThreadInformation class.

Associated revisions

Revision 7fce86c3 - 29.07.2015 00:36 - André Neto

Lint of Threads #160, #161 and #162 is ready for review.

Revision bd448fd6 - 29.07.2015 08:29 - André Neto

Simplified priority setting interface (#160, #161 and #162).

Revision 6e7350fb - 29.07.2015 09:31 - Ivan Herrero

#161 - Minor formatting corrections (following template rules)

History

#1 - 02.07.2015 17:19 - Riccardo Vitelli

- Target version set to Backlog

#2 - 02.07.2015 18:07 - Riccardo Vitelli

- Target version changed from Backlog to 0.2

#3 - 02.07.2015 18:08 - Riccardo Vitelli

- Status changed from New to Code: Impl

#4 - 29.07.2015 08:45 - Riccardo Vitelli

- Status changed from Code: Impl to Code: Rev

#5 - 29.07.2015 09:04 - Ivan Herrero

- Assignee set to Ivan Herrero

#6 - 29.07.2015 09:43 - Ivan Herrero

- Description updated

Code review made on revision 6e7350f.

#7 - 29.07.2015 09:43 - Ivan Herrero

- Status changed from Code: Rev to Unit: Impl

- Assignee deleted (Ivan Herrero)

#8 - 29.07.2015 10:11 - Riccardo Vitelli

- Assignee set to André Neto

#9 - 29.07.2015 11:09 - Riccardo Vitelli

- Status changed from Unit: Impl to Code: Rev

#10 - 29.07.2015 11:09 - Riccardo Vitelli

- Assignee changed from André Neto to Riccardo Vitelli

#11 - 29.07.2015 11:16 - Riccardo Vitelli

- Status changed from Code: Rev to Unit: Rev

#12 - 29.07.2015 11:16 - Riccardo Vitelli

- Assignee deleted (Riccardo Vitelli)

#13 - 29.07.2015 11:58 - Ivan Herrero

- Description updated

Unit test review made on revision 6196fef.

#14 - 26.10.2015 15:31 - Ivan Herrero

- Target version changed from 0.2 to Backlog

#15 - 19.04.2018 09:04 - André Neto

- Status changed from Unit: Rev to Closed

Done in another user-story. DEPRECATED.