

MARTe2-core - User story #156

Lint: Processor

28.06.2015 19:02 - André Neto

Status: Closed	Start date: 28.06.2015
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: 0.2	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/Makefile.inc
- Source/Core/L0Portability/OperatingSystem/Windows/Makefile.inc
- Source/Core/L0Portability/OperatingSystem/Linux/Makefile.inc
- Source/Core/L0Portability/Processor.h
- Source/Core/L0Portability/Architecture/x86_gcc/ProcessorA.h
- Source/Core/L0Portability/Architecture/x86_cl/ProcessorA.h
- Source/Core/L0Portability/OperatingSystem/Linux/ProcessorOS.cpp
- Source/Core/L0Portability/OperatingSystem/Windows/ProcessorOS.cpp
- Test/Core/L0Portability/StringTestHelper.h
- Test/Core/L0Portability/ProcessorTest.cpp
- Test/Core/L0Portability/ProcessorTest.h
- Test/GTest/ProcessorGTest.cpp

Architecture & design review

Date of the review: 27/07/2015

Person who did the review: Giuseppe Ferrò

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: 27/07/2015

Person who did the review: Giuseppe Ferrò

Result of review: PASS (MISRA compliant)

List of non-conformities: N/A.

Unit test review

Date of the review: 27/07/2015

Person who did the review: Ivan Herrero

Result of coverage tests review: PASS

Result of functional tests review: PASS

Result of review: PASS

List of non-conformities:

Coverage Note: In Processor::Family() the sentences inside the block protected by "if (family == 0xf)" has not been exercised, because the processor's family of the processor used in tests has not reached 0xf, so it does not need to use the Extended Family ID.

Associated revisions

Revision 7ad0ce43 - 03.07.2015 07:33 - André Neto

First linting of the code.

Applied linting rules to stories #144, #146 and #156

Revision ce744402 - 26.07.2015 17:05 - André Neto

Fixed processor model reported in #123. Implementation of #156.

The bug related to the computation of the processor model was fixed (see comment in #123).

As part of the linting process (#156) the code structure was slightly changed in order to delegate the implementation of the Processor operating system functionality to a .cpp unit. This improves the consistency with the other operating system classes.

Revision c59c6ccb - 27.07.2015 08:09 - Giuseppe Ferrò

Added ProcessorOS to makefile.
#156

Revision 330e4788 - 27.07.2015 12:10 - Giuseppe Ferro

Minor changes to Processor tests implementation.
#156

Revision 4055caff - 27.07.2015 15:20 - Ivan Herrero

#156 - Minor formatting corrections (following template rules)

History

#1 - 02.07.2015 17:20 - 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 - 03.07.2015 07:32 - André Neto

- Assignee set to André Neto

#5 - 09.07.2015 14:21 - Riccardo Vitelli

- Status changed from Code: Impl to Code: Rev

#6 - 09.07.2015 14:22 - Riccardo Vitelli

- Assignee deleted (André Neto)

#7 - 26.07.2015 21:35 - André Neto

- Assignee set to André Neto

#8 - 27.07.2015 10:24 - Riccardo Vitelli

- Assignee deleted (André Neto)

#9 - 27.07.2015 11:15 - Giuseppe Ferro

- Status changed from Code: Rev to Unit: Impl

#10 - 27.07.2015 11:15 - Giuseppe Ferro

- Assignee set to Giuseppe Ferro

#11 - 27.07.2015 11:16 - Giuseppe Ferro

- Description updated

#12 - 27.07.2015 12:11 - Giuseppe Ferro

- Status changed from Unit: Impl to Unit: Rev

#13 - 27.07.2015 12:12 - Giuseppe Ferro

Unit test implementation done: 330e478

#14 - 27.07.2015 12:12 - Giuseppe Ferro

- Assignee deleted (Giuseppe Ferro)

#15 - 27.07.2015 12:15 - Ivan Herrero

- Assignee set to Ivan Herrero

#16 - 27.07.2015 16:21 - Ivan Herrero

- Description updated

- Status changed from Unit: Rev to Closed

- Assignee deleted (Ivan Herrero)

Unit test review made on revision 4055caf.

Branch #156_Processor merged on develop branch (commit c3440ee).

Branch #156_Processor deleted.