

MARTe2-core - Test #262

MARTe2 QA-audit (v0.6)

26.10.2015 15:11 - Ivan Herrero

Status: Closed	Start date: 29.09.2015
Priority: Normal	Due date: 23.10.2015
Assignee:	% Done: 100%
Category:	Estimated time: 0.00 hour
Target version: 0.6	Spent time: 0.00 hour

Description

Requirements review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of requirements: 0.6

Result of review: N/A

List of non-conformities: N/A

Comments: As per the original MARTe implementation, the user stories of this sprint are support functions and do not require formal requirements.

Architecture & design review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of architecture & design document: 0.6

Result of review: N/A

List of non-conformities: N/A

Comments: As per the original MARTe implementation, the user stories of this sprint are support functions and do not require formal design.

Code and documentation review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of source code: 0.6

Result of review: PASS

List of non-conformities: N/A

Comments: [#169](#) Windows specific files not linted, i.e. linting performed in Linux.

Unit test review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of unit tests: 0.6

Result of coverage tests review: PASS

Result of functional tests review: PASS

Result of review: PASS

List of non-conformities:

- [\[#240\]](#) The following functions have not been covered by tests:
 - `_ZN5MARTE28IntegerToStreamOctalNotationIIEEbRNS_8IOBufferET_tbbtb *`
 - `_ZN5MARTE28IntegerToStreamOctalNotationIsEEbRNS_8IOBufferET_tbbtb *`
 - `_ZN5MARTE29IntegerToStreamBinaryNotationIIEEbRNS_8IOBufferET_tbbtb *`
 - `ZN5MARTEl30GetNumberOfDigitsOctalNotationIIEEt *`
 - `ZN5MARTEl30GetNumberOfDigitsOctalNotationIsEEt *`
 - `ZN5MARTEl31GetNumberOfDigitsBinaryNotationIIEEt *`

However those functions are generated to print `(u)int64`, which miss a component to be complete d. The tests will be repeated after the completion of `IOBufferIntegerPrint` and the addition of `DoubleInteger`, next sprint.

- [\[#169\]](#) The following tests fail in Windows, but succeed on Linux:
 - `LoadableLibrary.*` (A test with a true DLL is missing) * `MutexSemGTest.TestIsRecursive` (Recursive semaphores are not supported in Windows) * `MutexSemGTest.TestRecursiveOff` (Recursive semaphores are not supported in Windows)

Integration test review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of integration tests: 0.6

Result of review: N/A

List of non-conformities: N/A

Comments: As per the original MARTE implementation, the user stories of this sprint are support functions and do not require formal integration tests.

Acceptance test review

Date of the review: 26/10/2015

Person who did the review: Ivan Herrero

Version of acceptance tests: 0.6

Result of review: N/A

List of non-conformities: N/A

Comments: As per the original MARTE implementation, the user stories of this sprint are support functions and do not require formal acceptance tests.

History

#1 - 30.11.2015 15:58 - Ivan Herrero

- Assignee deleted (Ivan Herrero)

#2 - 30.11.2015 15:58 - Ivan Herrero

- % Done changed from 0 to 100