

MARTe2-core - Test #285

MARTe2 QA-audit (v0.8)

30.11.2015 12:06 - Ivan Herrero

Status:	Closed	Start date:	10.11.2015
Priority:	Normal	Due date:	25.11.2015
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	0.8	Spent time:	0.00 hour

Description

Requirements review

Date of the review: 30/11/2015

Person who did the review: Ivan Herrero

Version of requirements: 0.8

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: 30/11/2015

Person who did the review: Ivan Herrero

Version of architecture & design document: 0.8

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: 30/11/2015

Person who did the review: Ivan Herrero

Version of source code: 0.8

Result of review: PASS

List of non-conformities:

[\[#253\]](#)

- There are several warnings that should be fixed in a dedicated user-stories.
- The following tests (already working for Linux) had to be commented:

1. BasicFileGTest.x
2. InternetHostGTest.x
3. InternetServiceGTest.x

4. BasicSocketGTest.x
5. BasicTCPSocketGTest.x
6. BasicUDPSocketGTest.x

[#255] As a pattern DirectoryScanner should use LinkedListHolder and not inherit from it.

[#267] Merged with #268.

[#269] Merged with #268.

Unit test review

Date of the review: 30/11/2015

Person who did the review: Ivan Herrero

Version of unit tests: 0.8

Result of coverage tests review: PASS

Result of functional tests review: PASS

Result of review: PASS

List of non-conformities:

[#243] Need to add an unit test to verify ALL possible combinations of opening flags

[#244]

Note: some tests unrelated to this user-story are failing on Windows:

- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_1
- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_2
- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_8
- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_64
- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_128
- [FAILED] BufferedStreamIGTest.TestPrintFormatted_Pointer_BufferSize_1024
- [FAILED] IOBufferGTest.TestPrintFormatted_Pointer
- [FAILED] IOBufferGTest.TestPrintFormattedMultiple

[#256] Coverage tests for structured data (still not implemented in MARTe) are missing. These should be added as soon as structured data is available.

[#267] Merged with #268.

[#269] Merged with #268.

[#271] The coverage reports that 13 of 14 functions have been executed, but the class Select has 11 functions and all have been executed.

Integration test review

Date of the review: 30/11/2015

Person who did the review: Ivan Herrero

Version of integration tests: 0.8

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: 30/11/2015

Person who did the review: Ivan Herrero

Version of acceptance tests: 0.8

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 12:20 - Ivan Herrero

- *Description updated*

#2 - 30.11.2015 15:56 - Ivan Herrero

- *Due date set to 25.11.2015*

#3 - 30.11.2015 15:59 - Ivan Herrero

- *% Done changed from 0 to 100*

#4 - 30.11.2015 15:59 - Ivan Herrero

- *Status changed from New to Closed*