

MARTe2-core - User story #276

Refactor String to StreamString

16.11.2015 13:17 - André Neto

Status: Closed	Start date: 16.11.2015
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: 0.8	Spent time: 0.00 hour
Git branch (link):	SVN commit (link/?p=rev):
Git merge to develop (link):	

Description

In Windows there is a clash between String.h and the Windows Strings. It was decided to rename String to StreamString again.

Source code files modified (to solve regression bug).

1. modified: Test/Core/BareMetal/L3Streams/IOBufferTest.cpp
2. modified: Test/Core/BareMetal/L3Streams/StreamStringTest.cpp

Note: In order to increase the coverage of the StreamStringIOBuffer Printf function, a test with a very long string was added. Given that the same string was also used by the IOBufferTest this has caused one of the tests in IOBuffer to fail (given that the string was larger than the buffer size). The solution was to change the IOBufferTest to compare the string only up to its BufferSize (as the rest will be correctly truncated). (see commit f54f02e35afc0c4e6b54ff6f2b58b4bf8820db40)

Source code files modified

1. modified: MakeDefaults/Lint/marte_flint_files.Int
2. modified: Source/Core/BareMetal/L0Types/BasicType.h
3. modified: Source/Core/BareMetal/L3Streams/IOBuffer.h
4. modified: Source/Core/BareMetal/L3Streams/Makefile.inc
5. modified: Source/Core/BareMetal/L3Streams/StreamString.cpp
6. modified: Source/Core/BareMetal/L3Streams/StreamString.h
7. modified: Source/Core/BareMetal/L3Streams/StreamStringIOBuffer.cpp
8. modified: Source/Core/BareMetal/L3Streams/StreamStringIOBuffer.h
9. modified: Source/Core/FileSystem/L1Portability/BasicFile.h
10. modified: Source/Core/FileSystem/L1Portability/Environment/Linux/BasicFile.cpp
11. modified: Source/Core/FileSystem/L1Portability/Environment/Linux/BasicFileProperties.h
12. modified: Source/Core/FileSystem/L1Portability/Environment/Linux/InternetHost.cpp
13. modified: Source/Core/FileSystem/L1Portability/InternetHost.h
14. modified: Test/Core/BareMetal/L3Streams/Makefile.inc
15. modified: Test/Core/BareMetal/L3Streams/StreamStringIOBufferTest.cpp
16. modified: Test/Core/BareMetal/L3Streams/StreamStringIOBufferTest.h
17. modified: Test/Core/BareMetal/L3Streams/StreamStringTest.cpp
18. modified: Test/Core/BareMetal/L3Streams/StreamStringTest.h
19. modified: Test/Core/BareMetal/L3Streams/StreamTestHelper.cpp
20. modified: Test/Core/FileSystem/L1Portability/BasicFileTest.cpp
21. modified: Test/Core/FileSystem/L1Portability/BasicFileTest.h
22. modified: Test/Core/FileSystem/L1Portability/InternetHostTest.cpp
23. modified: Test/GTest/Makefile.inc
24. modified: Test/GTest/StreamStringGTest.cpp
25. modified: Test/GTest/StreamStringIOBufferGTest.cpp

Architecture & design review

Date of the review: 16/11/2015

Person who did the review: André Neto

Version of architecture & design document: N/A. As per the original MARTe implementation.

Result of review: N/A

List of non-conformities: N/A

Code and documentation review

Date of the review: 16/11/2015

Person who did the review: R. Vitelli

Result of review: PASS

List of non-conformities: N/A.

Unit test review

Date of the review: 16/11/2015

Person who did the review: R. Vitelli

Result of coverage tests review: PASS

Result of functional tests review: PASS

Result of review: PASS

List of non-conformities: N/A

Associated revisions

Revision 41524a2d - 16.11.2015 15:07 - André Neto

#276 Refactored String to StreamString.

Revision f54f02e3 - 18.11.2015 14:45 - André Neto

#276 solved regression bug in IOBufferTest.cpp

In order to increase the coverage of the StreamStringIOBuffer Printf function, a test with a very long string was added. Given that the same string was also used by the IOBufferTest this has caused one of the tests in IOBuffer to fail (given that the string was larger than the buffer size). The solution was to change the IOBufferTest to compare the string only up to its BufferSize (as the rest will be correctly truncated).

History

#1 - 16.11.2015 15:03 - André Neto

- Description updated

- Assignee set to André Neto

#2 - 16.11.2015 15:08 - André Neto

- Status changed from Code: Impl to Code: Rev

#3 - 16.11.2015 15:08 - André Neto

- Assignee deleted (André Neto)

#4 - 16.11.2015 18:17 - Riccardo Vitelli

- Description updated

#5 - 16.11.2015 18:17 - Riccardo Vitelli

- Status changed from Code: Rev to Closed

#6 - 18.11.2015 12:24 - Riccardo Vitelli

- Status changed from Closed to Code: Impl

#7 - 18.11.2015 12:25 - Riccardo Vitelli

- Description updated

- Assignee set to André Neto

Moved back to Code Implementation due to a test failing.

#8 - 18.11.2015 14:45 - André Neto

- Status changed from Code: Impl to Unit: Rev

#9 - 18.11.2015 14:51 - André Neto

- Description updated

- Assignee deleted (André Neto)

#10 - 18.11.2015 15:21 - Riccardo Vitelli

- Description updated

#11 - 18.11.2015 15:21 - Riccardo Vitelli

- Status changed from Unit: Rev to Closed