

## MARTe2-core - User story #306

### Backport changes on lower levels for GAMs

27.04.2016 16:58 - André Neto

<b>Status:</b>	Closed	<b>Start date:</b>	27.04.2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Riccardo Vitelli	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.12	<b>Spent time:</b>	0.00 hour
<b>Git branch (link):</b>		<b>SVN commit (link/?p=rev):</b>	
<b>Git merge to develop (link):</b>			

#### Description

Changes done in lower levels in the branch for GAMs will have to be ported in the main tree.

### Source code files modified

- BareMetal/L0Types/Architecture/x86\_cl/CompilerTypes.h
- BareMetal/L0Types/BasicType.h
- BareMetal/L1Portability/Architecture/x86\_cl/HighResolutionTimerA.h
- BareMetal/L1Portability/Architecture/x86\_gcc/HighResolutionTimerA.h
- BareMetal/L1Portability/Environment/Generic/MemoryOperationsHelper\_CLIB\_Generic.cpp
- BareMetal/L1Portability/Environment/Linux/BasicConsole.cpp
- BareMetal/L1Portability/Environment/Linux/HighResolutionTimer.h
- BareMetal/L1Portability/Environment/Linux/HighResolutionTimerCalibrator.cpp
- BareMetal/L1Portability/Environment/Linux/HighResolutionTimerCalibrator.h
- BareMetal/L1Portability/Environment/Linux/Sleep.cpp
- BareMetal/L1Portability/Environment/Linux/Sleep.cpp
- BareMetal/L1Portability/Environment/Linux/lint-linux.h
- BareMetal/L1Portability/Environment/Windows/HighResolutionTimer.h
- BareMetal/L1Portability/Environment/Windows/HighResolutionTimerCalibrator.cpp
- BareMetal/L1Portability/Environment/Windows/HighResolutionTimerCalibrator.h
- BareMetal/L1Portability/ErrorInformation.h
- BareMetal/L1Portability/FastPollingEventSem.cpp
- BareMetal/L1Portability/FastPollingEventSem.h
- BareMetal/L1Portability/HighResolutionTimer.h
- BareMetal/L1Portability/MemoryArea.cpp
- BareMetal/L1Portability/MemoryArea.h
- BareMetal/L1Portability/Sleep.h
- BareMetal/L1Portability/StaticList.h
- BareMetal/L1Portability/StaticListHolder.cpp
- BareMetal/L1Portability/StaticListHolder.h
- BareMetal/L1Portability/TimeoutType.h
- BareMetal/L2Objects/Makefile.inc
- BareMetal/L2Objects/Object.cpp
- BareMetal/L2Objects/Object.h
- BareMetal/L2Objects/Reference.cpp
- BareMetal/L2Objects/Reference.h
- BareMetal/L2Objects/ReferenceContainer.cpp
- BareMetal/L2Objects/ReferenceContainer.h
- BareMetal/L2Objects/ReferenceContainerFilterObjectName.cpp
- BareMetal/L2Objects/ReferenceT.h
- BareMetal/L2Objects/StructuredData.h
- BareMetal/L3Streams/IOBuffer.cpp
- BareMetal/L4Configuration/ValidateBasicType.cpp
- FileSystem/L1Portability/Environment/Linux/BasicFile.cpp
- FileSystem/L1Portability/Environment/Linux/BasicTCPSocket.cpp
- FileSystem/L1Portability/Environment/Linux/InternetHost.cpp

## Architecture & design review

**Date of the review:** --/--/2016

**Person who did the review:**

**Version of architecture & design document:** N/A. As per the original MARTe implementation. Prototype code developed and reviewed in sprint preparation meeting.

**Result of review:** N/A

**List of non-conformities:** N/A

## Code and documentation review

**Date of the review:** 24/10/2016

**Person who did the review:** R. Vitelli

**Result of review:** PASS

**List of non-conformities:**

```
./Source/Core/Scheduler/L4Messages/QueuedMessageI.cpp:49:37: Note 9153: viable set contains both f
unction 'MARTe::SingleThreadService::SingleThreadService (line 65, file ./Source/Core/Scheduler/L3
Services/SingleThreadService.h, module ./Source/Core/Scheduler/L3Services/MultiClientEmbeddedThrea
d.cpp)' and template 'MARTe::SingleThreadService::SingleThreadService (line 148, file ./Source/Cor
e/Scheduler/L3Services/SingleThreadService.h)' [MISRA C++ Rule 14-8-2]
./Source/Core/Scheduler/L3Services/SingleThreadService.h:65:1: Info 830: Location cited in prior m
essage
```

To be discussed and fixed in the next sprint.

## Unit test review

**Date of the review:** 24/10/2016

**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:**

The test (unrelated to this story):

```
IOBufferGTest.TestPrintStructuredDataInterface
```

fails and has to be fixed in the next sprint.

## Associated revisions

**Revision 3aefcdca - 28.04.2016 11:27 - André Neto**

#306 Improved the documentation of FastPollingEventSem

**Revision cff4f5bb - 28.04.2016 15:32 - André Neto**

#306 Linted FastPollingEventSem

**Revision aae52d1a - 28.04.2016 15:37 - André Neto**

#306 (Re)Linted BasicConsole.cpp

**Revision 5a798828 - 28.04.2016 15:53 - André Neto**

#306 Re(Linted) BasicFile, BasicTCPSocket and BasicUDPSocket

**Revision 6e20a418 - 28.04.2016 16:08 - André Neto**

#306 (Re)Linting with small modifications

**Revision 3889720a - 28.04.2016 16:24 - André Neto**

#306 ReLint of Object.

**Revision b09dbe5c - 28.04.2016 17:46 - André Neto**

#306 Corrected local problem in lint configuration.

**Revision e921376a - 28.04.2016 19:13 - André Neto**

#306 Relinted and documentation of files from L1Portability

**Revision bbf99419 - 29.04.2016 15:01 - André Neto**

#306 Linted MemoryArea

**Revision 878713b5 - 29.04.2016 15:53 - André Neto**

#306 Change of HighResolutionTimer to uint64

**Revision 89fa7a5d - 29.04.2016 16:02 - André Neto**

#306 Updates related to change from int64 to uint64 in HRT

**Revision 304e7e7d - 01.05.2016 11:22 - André Neto**

#306 Linted and ported only the minimum required for L2Objects.

**Revision 55f0489f - 01.05.2016 11:47 - André Neto**

#306 Linting of IOBuffer

**Revision cdc8cc33 - 01.05.2016 11:52 - André Neto**

#306 Moved DLL\_API in function call

**Revision 7826b6c9 - 01.05.2016 12:01 - André Neto**

#306 Small typo corrections.

**Revision 2d1185cb - 04.05.2016 14:32 - Ivan Herrero**

#305 - Backport of stable changes in /BareMetal/L1Portability from HttpService and DDB\_Prototype branches.

Note: DDB\_prototype backport made through previous backport work on #306\_Backport\_GAMs branch.

**Revision 2e5720f3 - 04.05.2016 14:55 - Ivan Herrero**

#305 - Backport of stable changes in /BareMetal/L4Configuration from HttpService and DDB\_Prototype branches.

Note: DDB\_prototype backport made through previous backport work on #306\_Backport\_GAMs branch.

**Revision 23a767ec - 04.05.2016 17:50 - André Neto**

#44 Merge with #306 to compile.

**Revision f7ccac51 - 05.05.2016 11:57 - André Neto**

#306 Documentation work in progress

**Revision 34e86afb - 05.05.2016 17:40 - André Neto**

#306 Added missing MemoryArea and ObjectRegistryDatabase files

**Revision df4c2e5a - 23.05.2016 10:24 - Ivan Herrero**

#305 - Sync with #306.

**Revision d4955da5 - 23.05.2016 11:13 - Ivan Herrero**

#305 - Sync with #306.

**Revision 636deb29 - 23.05.2016 11:15 - André Neto**

#306 Synchronised with changes on #305

**Revision aaf4a96e - 29.09.2016 17:39 - André Neto**

Merge remote-tracking branch 'origin/#44\_GAM\_Infrastructure' into #306\_Backport\_GAMs

Conflicts:

Test/Core/Scheduler/Makefile.cov

**Revision 08b97fa5 - 29.09.2016 17:42 - André Neto**

Merge remote-tracking branch 'origin/#301\_Messages' into #306\_Backport\_GAMs

Conflicts:

Source/Core/Scheduler/L5GAMs/.gitignore

Test/Core/Scheduler/L4Messages/.gitignore

Test/Core/Scheduler/L5GAMs/.gitignore

Test/GTest/Scheduler/L4Messages/.gitignore

Test/GTest/Scheduler/L5GAMs/.gitignore

Test/GTest/Scheduler/Makefile.cov

## History

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**#1 - 27.04.2016 17:38 - André Neto**

- Description updated

**#2 - 28.04.2016 15:38 - André Neto**

- Description updated

**#3 - 28.04.2016 15:41 - André Neto**

- Description updated

**#4 - 28.04.2016 16:09 - André Neto**

- Description updated

**#5 - 28.04.2016 18:00 - André Neto**

- Description updated

**#6 - 28.04.2016 18:49 - André Neto**

- Description updated

**#7 - 28.04.2016 18:50 - André Neto**

- Description updated

**#8 - 28.04.2016 19:01 - André Neto**

- Description updated

**#9 - 29.04.2016 12:58 - André Neto**

- Description updated

**#10 - 29.04.2016 15:56 - André Neto**

- Description updated

**#11 - 29.04.2016 16:04 - André Neto**

- Description updated

**#12 - 01.05.2016 11:24 - André Neto**

- Description updated

**#13 - 01.05.2016 11:48 - André Neto**

- Description updated

**#14 - 01.05.2016 11:52 - André Neto**

- Description updated

**#15 - 01.05.2016 12:08 - André Neto**

- Description updated

**#16 - 04.05.2016 11:25 - Ivan Herrero**

- Status changed from Code: Impl to Unit: Impl

**#17 - 04.05.2016 11:25 - Ivan Herrero**

- Status changed from Unit: Impl to Code: Rev

**#18 - 04.05.2016 11:25 - Ivan Herrero**

- Assignee changed from André Neto to Riccardo Vitelli

**#19 - 07.10.2016 12:52 - Riccardo Vitelli**

- Description updated

**#20 - 07.10.2016 12:52 - Riccardo Vitelli**

- Status changed from Code: Rev to Code: Impl

**#21 - 24.10.2016 09:49 - André Neto**

- Status changed from Code: Impl to Code: Rev

**#22 - 24.10.2016 15:23 - Riccardo Vitelli**

- Description updated

- Status changed from Code: Rev to Closed