

## MARTe2-core - Design #231

### MARTe2 QA-audit (v0.5)

29.09.2015 09:35 - Ivan Herrero

<b>Status:</b> Closed	<b>Start date:</b> 08.09.2015
<b>Priority:</b> Normal	<b>Due date:</b> 28.09.2015
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 0.5	<b>Spent time:</b> 0.00 hour

#### Description

## Requirements review

**Date of the review:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of requirements:** 0.5

**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:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of architecture & design document:** 0.5

**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:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of source code:** 0.5

**Result of review:** PASS

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

#### Notes:

- In the StaticListHolder.h documentation, the formula MAXCAPACITY cannot be visualized with doxygen tool.
- GlobalObjectI is not an pure interface because the new operator is static and has an implementation.

## Unit test review

**Date of the review:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of unit tests:** 0.5

**Result of coverage tests review:** PASS

**Result of functional tests review:** PASS

**Result of review:** PASS

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

**Notes:**

- TestAddOnFullList disabled due to it takes a quiet significant amount of time.
- The coverage on [#225](#) is not 100% due to some conditions will never should happen.
- GlobalObjectsDatabaseTest lacks an explicit test for GlobalObjectsDatabase::Add, but it is covered indirectly by another tests.
- GlobalObjectI has not a 100% coverage because the compiler generates two versions of the destructor (one for delete and the other for scope).
- ClassRegistryDatabase has 11.9% lines not covered (this is was accepted on another user story review).
- The coverage of the ClassRegistryDatabase is not 100%

## Integration test review

**Date of the review:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of integration tests:** 0.5

**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:** 29/09/2015

**Person who did the review:** Ivan Herrero

**Version of acceptance tests:** 0.5

**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 - 29.09.2015 10:04 - Ivan Herrero**

- Description updated

**#2 - 23.10.2015 10:05 - André Neto**

- Status changed from New to Closed