

Release Notes OmcClassic

Project BMW AUTOSAR 4 Core Rel. 3
 Author BMW AG
 Release Date 2017-12-14
 Version 5.2.0
 Status Release
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Revision History

Version	Date	Issues
5.2.0	2017-12-14	BAC-5455, BAC-6565, BAC-6717, BAC-6460
5.1.1	2017-10-12	BAC-6397, BAC-6041
5.1.0	2017-08-10	BAC-6210, BAC-6163, BAC-4161
5.0.0	2017-06-29	

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1 Module Description

The main objective of the OMC functionality is to maintain the current Operation Mode of an ECU.

2 Revisions and Modifications

Revision 5.2.0 [Released]

Item	Description
CR ID:	BAC-5455
CR Headline:	Adapt code to be MISRA and improve code coverage
Description of Issues:	Improve code to be MISRA conform. Improve unit test code coverage.
Description of Changes:	Improve code to be MISRA conform. Improve unit test code coverage.
Changed Files:	generate/meta/Omc_internal.arxml.pgen src/Omc_ApplAdapter.c src/Omc_StdDiagAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-6565
CR Headline:	Provide callback mechanism to establish intrinsic safety.
Description of Issues:	Provide a callback mechanism for StdDiag and the Application to accept a mode change, and also to be informed if the mode change is not completed.
Description of Changes:	Improve the callback mechanismus to StdDiag and the Application. Providing an extra interface to allow or disallow a mode change using a callback. Also provide a callback to confirm a rollback if a mode change is not completed.
Changed Files:	doc/OmcClassic_IntegrationManual.pdf generate/meta/Omc_internal.arxml.pgen src/Omc_ApplAdapter.c src/Omc_StdDiagAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-6717
CR Headline:	Improve requirement tracing
Description of Issues:	Improve requirement tracing table.
Description of Changes:	Improve requirement tracing table.
Changed Files:	generate/meta/Omc_interfaces.arxml.pgen doc/OmcClassic_IntegrationManual.pdf doc/OmcClassic_RequirementsTable.pdf

Compatibility:	
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Item	Description
CR ID:	BAC-6460
CR Headline:	Provide callback mechanism to establish intrinsic safety
Description of Issues:	Provide a callback mechanism for StdDiag and the Application to accept a mode change, and also to be informed if the mode change is not completed.
Description of Changes:	Improve the callback mechanismus to StdDiag and the Application. Providing an extra interface to allow or disallow a mode change using a callback. Also provide a callback to confirm a rollback if a mode change is not completed.
Changed Files:	generate/meta/Omc_interfaces.arxml.pgen
Compatibility:	

Revision 5.1.1 [Released]

Item	Description
CR ID:	BAC-6397
CR Headline:	OmcClassic: Omc_NvM.h may lead to multiple RTE Application header file inclusions
Description of Issues:	Omc_NvM.h needs to be included by the NvM as many others includes files of differents SWCs, if each one includes Rte_<SWCName>.h the NvM code can not be compiled. Only one Rte_<SWC>.h can be included from a file.
Description of Changes:	Omc_NvM.h inclusion of Rte_Omc.h has been replaced by Rte_Omc_Type.h.
Changed Files:	include/Omc_NvM.h
Compatibility:	

Item	Description
CR ID:	BAC-6041
CR Headline:	Omc: SERVER-ARGUMENT-IMPL-POLICY should be set to USE-ARRAY-BASE-TYPE
Description of Issues:	Arrays shall set SERVER-ARGUMENT-IMPL-POLICY to USE-ARRAY-BASE-TYPE.
Description of Changes:	Change the SERVER-ARGUMENT-IMPL-POLICY of CS-Operation "ReadData" of CS-Interfaces "DataServices_ExtendedOperatingMode" and "DataServices_OperatingMode" to USE-ARRAY-BASE-TYPE.
Changed Files:	generate/meta/Omc_ext_interfaces.arxml.pgen
Compatibility:	

Revision 5.1.0 [Released]

Item	Description
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CR ID:	BAC-6210
CR Headline:	Improve Requirements Traceability
Description of Issues:	Add requirements from IntegrationManual to RequirementsTable.
Description of Changes:	Added requirements from IntegrationManual to RequirementsTable.
Changed Files:	
Compatibility:	

Item	Description
CR ID:	BAC-6163
CR Headline:	Omc: Version header for classic adapter is missing
Description of Issues:	Omc Classic Adapter does not provide a version header file.
Description of Changes:	Added version header file for classic adapter.
Changed Files:	src/OmcClassic_Version.h include/OmcClassic_Version.h include/Omc_NvM.h src/Omc_ErrMemAdapter.c src/Omc_ConcAdapter.c src/Omc_ApplAdapter.c src/Omc_MgmtAdapter.c include/Omc_Assert.h src/Omc_NvMAdapter.c src/Omc_StdDiagAdapter.c src/Omc_UDSAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-4161
CR Headline:	Omc: Remove R-Port "LifeCycleLoopback", change P-Port "LifeCycle" to PR-Port
Description of Issues:	Remove R-Port "LifeCycleLoopback", change P-Port "LifeCycle" to PR-Port.
Description of Changes:	Removed R-Port "LifeCycleLoopback" and changed P-Port "LifeCycle" to PR-Port.
Changed Files:	generate/meta/Omc_internal.arxml.pgen
Compatibility:	

Revision 5.0.0 [Released]

Item	Description
CR ID:	
CR Headline:	Initial Release for SP2021
Description of Issues:	Initial Release for SP2021
Description of Changes:	Initial Release for SP2021
Changed Files:	

Compatibility:	
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