

Release Notes StdDiagClassic

Project BMW AUTOSAR 4 Core Rel. 3
 Author BMW AG
 Release Date 2017-12-14
 Version 5.4.0
 Status Release
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Revision History

Version	Date	Issues
5.4.0	2017-12-14	BAC-6630, BAC-6257, BAC-6699, BAC-6248
5.3.0	2017-11-09	BAC-6506, BAC-6249
5.2.0	2017-10-12	BAC-6413, BAC-6347, BAC-5176, BAC-6339, BAC-6433, BAC-6230
5.1.0	2017-08-10	BAC-6162, BAC-6148
5.0.0	2017-06-29	

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1 Module Description

This package contains the adapter for a classic AUTOSAR platform for the StdDiagGeneric package. The StdDiag module is modeled as an AUTOSAR software component residing above the RTE.

2 Revisions and Modifications

Revision 5.4.0 [Released]

Item	Description
CR ID:	BAC-6630
CR Headline:	StdDiagClassic - *.pgen templates inconsistent with paramdef
Description of Issues:	Optional configuration container "StdDiagUserDefinedMemory" is treated as mandatory if parameter "StdDiagClearSecondaryErrorMemory" is enabled, which may cause misleading error messages.
Description of Changes:	Create proper error message if configuration dependencies are violated.
Changed Files:	generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/pageinclude/StdDiag_GetIdrlConfig.pgen generate/include/StdDiagClassic_Cfg.h.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6257
CR Headline:	Provide feature "Application Data Transfer (ADT)"
Description of Issues:	Provide dispatcher for common diagnostic requests of functionality "Application Data Transfer" (ADT) (german: "Applikationsdatenübertragung", ADÜ).
Description of Changes:	Provided dispatcher for RoutineControl "Upload/Download Pre/Post-Processing" (RID 0x7000) and diagnostic services "RequestDownload" (0x34), "RequestUpload" (0x35), "TransferData" (0x36) and "RequestTransferExit" (0x37). Provided configuration parameters for ADT memory objects.
Changed Files:	CMakeLists.txt cfgdesc/StdDiagClassic_paramdef.arxml doc/StdDiagClassic_IntegrationManual.pdf generate/include/StdDiagClassic_Cfg.h.pgen generate/meta/StdDiag_bswmd.arxml.pgen generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/meta/StdDiag_internal.arxml.pgen generate/meta/StdDiag_interfaces.arxml.pgen generate/pageinclude/StdDiag_GetAdtConfig.pgen generate/src/StdDiagClassic_Cfg.c.pgen include/StdDiag_AdtTypes.h

	include/StdDiag_DcmTypes.h src/StdDiag_Adt.c src/StdDiag_AdtInternal.h src/StdDiag_AdtUploadDownload.c
Compatibility:	

Item	Description
CR ID:	BAC-6699
CR Headline:	Remove compiler abstraction from source code
Description of Issues:	Remove AUTOSAR compiler abstraction from source code.
Description of Changes:	Removed compiler abstraction.
Changed Files:	generate/src/StdDiagClassic_Cfg.c.pgen src/StdDiag_IDRLAdapter.c include/StdDiag_IDRLAdapter.h
Compatibility:	

Item	Description
CR ID:	BAC-6248
CR Headline:	Provide callback mechanism to establish intrinsic safety
Description of Issues:	Provide an asynchronous callback mechanism to establish intrinsic safety for long running user callouts.
Description of Changes:	Provided callback interfaces for long running applications.
Changed Files:	src/StdDiagClassic.c src/StdDiag_AppAdapter.c generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/meta/StdDiag_interfaces.arxml.pgen doc/StdDiagClassic_IntegrationManual.pdf generate/meta/StdDiag_internal.arxml.pgen
Compatibility:	

Revision 5.3.0 [Released]

Item	Description
CR ID:	BAC-6506
CR Headline:	Adapt pgen templates to PAGe v1.1.0
Description of Issues:	Adapt pgen files to PAGe v1.1.0.
Description of Changes:	Adapted pgen files to PAGe v1.1.0.
Changed Files:	generate/meta/StdDiag_internal.arxml.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6249
CR Headline:	Provide PostBuild configuration of SGBD-Index
Description of Issues:	Parameter "StdDiagSgbdIndex" shall be post build selectable.
Description of Changes:	Moved parameter "StdDiagSgbdIndex" to adapter part and add post build support.

Changed Files:	src/StdDiagClassic.c generate/include/StdDiagClassic_PBCfg.h.pgen cfgdesc/StdDiagClassic_paramdef.arxml generate/src/StdDiagClassic_PBCfg.c.pgen CMakeLists.txt doc/StdDiagClassic_IntegrationManual.pdf
Compatibility:	

Revision 5.2.0 [Released]

Item	Description
CR ID:	BAC-6413
CR Headline:	StdDiag: Remove SP2015/2015 suffixes from VEHICLE STATE
Description of Issues:	Remove suffixes "SP2015" from interfaces provided by Stm to be compatible with current Stm release.
Description of Changes:	Removed suffixes "SP2015" from all Stm interfaces and types.
Changed Files:	src/StdDiag_StmAdapter.c generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/meta/StdDiag_internal.arxml.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6347
CR Headline:	StdDiag: Use of DcmGetSecurityLevel
Description of Issues:	Remove unused server call point to operation "GetSecurityLevel"
Description of Changes:	Removed all fragments from SWCD related to operation "GetSecurityLevel".
Changed Files:	generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/meta/StdDiag_internal.arxml.pgen
Compatibility:	

Item	Description
CR ID:	BAC-5176
CR Headline:	BAC modules paramdef violate TPS_ECUC_06004
Description of Issues:	According to AUTOSAR_TPS_ECUConfiguration TPS_ECUC_06004 an AdminData field is required at the beginning of every ECU Configuration Parameter Definition XML file.
Description of Changes:	Added AdminData field containing module version and release date.
Changed Files:	cfgdesc/StdDiagClassic_paramdef.arxml
Compatibility:	

Item	Description
CR ID:	BAC-6339
CR Headline:	Compiler warning due to undefined identifier

Description of Issues:	Compiler raises warning due to undefined identifier 'STDDIAG_DEV_ERROR_DETECT'
Description of Changes:	Fixed compiler warning.
Changed Files:	src/StdDiagClassic.c include/StdDiag_AssertAdapter.h src/StdDiag_ErrMemAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-6433
CR Headline:	Schema of paramdefs, paramconfs and SWCDen should be AUTOSAR_4-3-0_STRICT_COMPACT.xsd
Description of Issues:	Schema of parameter definition files and SWCDs should be conform to AUTOSAR_4-3-0_STRICT_COMPACT.xsd
Description of Changes:	Adapted parameter definition files and SWCDs to schema AUTOSAR_4-3-0_STRICT_COMPACT.
Changed Files:	generate/meta/StdDiag_interfaces.arxml.pgen cfgdesc/StdDiagClassic_paramdef.arxml generate/meta/StdDiag_ext_interfaces.arxml.pgen generate/meta/StdDiag_internal.arxml.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6230
CR Headline:	Usage of IMPLEMENTATION-CONFIG-CLASSES in BMW modules is invalid according to ASR4.2.2
Description of Issues:	Elements IMPLEMENTATION-CONFIG-CLASSES containing ECUC-IMPLEMENTATION-CONFIGURATION-CLASS are deprecated. They shall be replaced by VALUE-CONFIG-CLASSES/ECUC-VALUE-CONFIGURATION-CLASS and/or MULTIPLICITY-CONFIG-CLASSES/ECUC-MULTIPLICITY-CONFIGURATION-CLASS
Description of Changes:	Replaced IMPLEMENTATION-CONFIG-CLASSES by VALUE-CONFIG-CLASSES, added MULTIPLICITY-CONFIG-CLASSES where necessary.
Changed Files:	cfgdesc/StdDiagClassic_paramdef.arxml
Compatibility:	

Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6162
CR Headline:	StdDiag: Wrong cross version check for classic adapter
Description of Issues:	StdDiagClassic_Version.h uses wrong cross version check of generic part.
Description of Changes:	Correct cross version check in classic adapter.

Changed Files:	generate/include/StdDiagClassic_Version.h.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6148
CR Headline:	StdDiag: Programming Precondition Check shall not fail in case of missing PWF status
Description of Issues:	Programming Precondition Check fails if no PWF signal is available.
Description of Changes:	Accept unknown PWF state as valid Programming Precondition.
Changed Files:	src/StdDiagClassic.c src/StdDiag_StmAdapter.c
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:	