BMW GROUP

Release Notes StmClassic

Project	BMW AUTOSAR 4 Core Rel. 3
Author	BMW AG
Release Date	2017-12-14
Version	5.2.0
Status	Release
Hotline	+49 89 382 - 32233
Contact	bac@bmw.de
	https://asc.bmw.com/jira/browse/BSUP (extern)
	https://asc.bmwgroup.net/jira/browse/BSUP (intern)

Revision History

Version	Date	Issues
5.2.0	2017-12-14	BAC-6522, BAC-6523, BAC-6524, BAC-6255, BAC-6307
5.1.1	2017-11-09	BAC-6246, BAC-6436
5.1.0	2017-10-12	BAC-6247, BAC-6202, BAC-6429
5.0.0	2017-06-29	

1 Module Description

The main objective of the STM functionality is to listen to certain vehicle wide states that are communicated on the system busses and maintain these states for the local ECU. This means: - Make these states available as modes to other software components - React on some changes of these states (for instance setting Dem enableconditions) - React on timeouts of these communicated states (set default values, reporterror events accordingly) The STM module is modeled as an AUTOSAR software component (SWC) residing above the RTE.

2 Revisions and Modifications

Revision 5.2.0 [Released]

Item	Description
CR ID:	BAC-6522
CR Headline:	Add AdminData field to paramdef
Description of Issues:	AdminData field is missing in the paramdef files.
Description of Changes:	Adding AdminData field to paramdef files.
Changed Files:	cfgdesc/StmClassic_paramdef.arxml
Compatibility:	

Item	Description
CR ID:	BAC-6523
CR Headline:	Schema of paramdefs, paramconfs and SWCDen should be AUTOSAR_4-3-0_STRICT_COMPACT.xsd
Description of Issues:	Schema of paramdefs, paramconfs and SWCDen should be AUTOSAR_4-3-0_STRICT_COMPACT.xsd.
Description of Changes:	Assuring that the Schema of paramdefs, paramconfs and SWCDen is compatible with AUTOSAR_4-3-0_STRICT_COMPACT.xsd.
Changed Files:	generate/meta/Stm_interfaces.arxml.pgen meta/Stm_ext_interfaces.arxml cfgdesc/StmClassic_paramdef.arxml generate/meta/Stm_internal.arxml.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6524
CR Headline:	Separate parameter definition from generic into classic/adaptive
Description of Issues:	Separate parameter definition from generic into classic/adaptive.
Description of Changes:	Separating the parameter definition from the Stm generic into the Stm classic/adaptive adapter.
Changed Files:	generate/include/StmClassic_Cfg.h.pgen generate/src/StmClassic_PBCfg.c.pgen generate/include/StmClassic_Version.h.pgen generate/meta/Stm_internal.arxml.pgen

CMakeLists.txt
generate/meta/Stm_interfaces.arxml.pgen
generate/include/Stm_Cfg.h.pgen
cfgdesc/StmClassic_paramdef.arxml
generate/include/StmClassic_PBCfg.h.pgen

Item	Description
	CMakeLists.txt generate/meta/Stm_interfaces.arxml.pgen generate/include/Stm_Cfg.h.pgen cfgdesc/StmClassic_paramdef.arxml generate/include/StmClassic_PBCfg.h.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6255
CR Headline:	Create TEX based integration manuals
Description of Issues:	Create TEX based integration manuals.
Description of Changes:	Creating TEX based integration manuals.
Changed Files:	CMakeLists.txt doc/StmClassic_IntegrationManual.pdf
Compatibility:	

Item	Description
CR ID:	BAC-6307
CR Headline:	StmClassic: Compiler warnings - Stm_v5.0.0 - mgcc_v4.5.1
Description of Issues:	Compiler warnings - Stm_v5.0.0 - mgcc_v4.5.1
Description of Changes:	Fixing Compiler warnings.
Changed Files:	generate/include/StmClassic_Cfg.h.pgen src/Stm_TimerAdapter.c include/Stm_Timer.h src/Stm_ComAdapter.c
Compatibility:	

Revision 5.1.1 [Released]

Item	Description
CR ID:	BAC-6246
CR Headline:	Add Requirement Traceability
Description of Issues:	Requirements Tracing incomplete
Description of Changes:	Added Requirements Traceability
Changed Files:	src/Stm_ErrMemAdapter.c src/Stm_MgmtAdapter.c generate/include/StmClassic_Cfg.h.pgen src/Stm_ComAdapter.c doc/StmClassic_RequirementsTable.pdf src/Stm_TimerAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-6436
CR Headline:	Stm version checks incorrect
Description of Issues:	Incorrect version check macro usage.

Description of Changes:	Corrected usage.
Changed Files:	include/StmClassic_Version.h src/Stm_ErrMemAdapter.c src/Stm_MgmtAdapter.c generate/include/StmClassic_Cfg.h.pgen generate/src/StmClassic_PBCfg.c.pgen include/Stm_Com.h src/Stm_ComAdapter.c src/Stm_TimerAdapter.c include/Stm_Timer.h include/Stm_Mgmt.h generate/include/StmClassic_PBCfg.h.pgen
Compatibility:	

Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6247
CR Headline:	Wrong file header in Stm_ext_interfaces.arxml
Description of Issues:	File Headers were in wrong format.
Description of Changes:	Corrected all file headers
Changed Files:	src/Stm_ErrMemAdapter.c generate/include/StmClassic_Cfg.h.pgen generate/src/StmClassic_PBCfg.c.pgen include/Stm_Com.h src/Stm_TimerAdapter.c meta/Stm_ext_interfaces.arxml generate/meta/Stm_internal.arxml.pgen include/Stm_Timer.h generate/meta/Stm_interfaces.arxml.pgen generate/include/StmClassic_PBCfg.h.pgen
Compatibility:	

Item	Description	generate/meta/Stm_internal.arxm
CR ID:	BAC-6202	
CR Headline:	Remove SP2015/2015 suffixes from VEHICLE STATE	
Description of Issues:	Editorial changes.	
Description of Changes:	Removing the SP2015/2015 suffixes from VEHICLE STATE.	
Changed Files:	src/Stm_MgmtAdapter.c generate/include/StmClassic_Cfg.h.pgen generate/src/StmClassic_PBCfg.c.pgen src/Stm_ComAdapter.c	

include/Stm_Mgmt.h

Item	Description
	generate/include/StmClassic_PBCfg.h.pgen
Compatibility:	

Item	Description
CR ID:	BAC-6429
CR Headline:	Stm references parameters with wrong names in pgen files
Description of Issues:	Stm references parameter "stmVehicleStateEnabled" with lower case first letter, which is wrong, in several *.pgen files.
Description of Changes:	Fixed parameter name.
Changed Files:	generate/include/StmClassic_Cfg.h.pgen
	generate/meta/Stm_internal.arxml.pgen
	generate/src/StmClassic_PBCfg.c.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:	