

Release Notes DlogGeneric

Project BMW AUTOSAR Core 4 Rel. 3 and adaptive BMW AUTOSAR Core Rel. 1
 Author BMW AG
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 Version 5.1.1
 Status Release
 Hotline +49 89 382 - 32233 (classic) / +49 89 382 - 22522 (adaptive)
 Contact bac@bmw.de (classic) / abac@bmw.de (adaptive)
<https://asc.bmw.com/jira/browse/BSUP> (extern)
<https://asc.bmwgroup.net/jira/browse/BSUP> (intern)

Revision History

Version	Date	Issues
5.1.1	2017-12-14	BAC-6672, BAC-6726
5.1.0	2017-11-09	BAC-6266, BAC-6422, BAC-6055
5.0.2	2017-09-14	BAC-6223, BAC-6213, BAC-6181, BAC-5169
5.0.1	2017-08-10	BAC-6172, BAC-6089
5.0.0	2017-06-29	

Company

Bayerische
Motoren Werke
Aktiengesellschaft

Postal address

BMW AG
80788 München

Office address

Forschungs- und
Innovationszentrum
(FIZ)
Hufelandstr. 1
80937 München

Telephone

Switchboard
+49 89 382-0

Internet

www.bmwgroup.com

1 Module Description

The DataLogistic is part of the BootManager, Bootloader and Application. It is needed for every ECU to

- get production information
- identify software and hardware
- check compatibility of hardware and software
- check compatibility of all software units (SWEs)
- check at startup if the software is valid and may be started

2 Revisions and Modifications

Revision 5.1.1 [Released]

Item	Description
CR ID:	BAC-6672
CR Headline:	Dlog - version info not checked at compile time
Description of Issues:	Unlike for most other BAC modules the version information from the CommonPublishedInformation container is not validated at compile time in Dlog & DlogShared.
Description of Changes:	add missing version checks
Changed Files:	include/Dlog_UDSAdapter.h include/Dlog_NvMAdapter.h include/Dlog_SvkGen.h src/Dlog_SweGen.c include/Dlog_CodingAdapter.h include/Dlog_SweGen.h include/Dlog_Data.h src/Dlog_SvkGen.c generate/include/Dlog_Cfg.h.pgen include/Dlog_UserAdapter.h
Compatibility:	

Item	Description
CR ID:	BAC-6726
CR Headline:	Do not write History after first start after debug flash
Description of Issues:	Do not write History after first start after debug flash, i.e. when the NvM block is not readable.
Description of Changes:	Do not write History after first start after debug flash, i.e. when the NvM block is not readable.
Changed Files:	src/Dlog_SvkGen.c
Compatibility:	

Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6266

CR Headline:	Invalid SWFK with alternative SWFK
Description of Issues:	after deleting the last SWFK of an group which must contain at least one SWFK an invalid entry must display when read SVK_AKTUELL.
Description of Changes:	output default entry for missing SWFK in DLOG_SWEGROUP_ONEOBLIGATORY
Changed Files:	src/Dlog_SvkGen.c
Compatibility:	

Item	Description
CR ID:	BAC-6422
CR Headline:	Bs, Dlog, Pia: 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:	change arxml schema to AUTOSAR_4-3-0_STRICT_COMPACT.xsd
Changed Files:	cfgdesc/Dlog_paramdef.arxml
Compatibility:	

Item	Description
CR ID:	BAC-6055
CR Headline:	Improve handling of DLOG_SWFK_DELSUP_AVAILABLE
Description of Issues:	At the moment DLOG_SWFK_DELSUP_AVAILABLE is set to STD_OFF.
Description of Changes:	move DLOG_SWFK_DELSUP_AVAILABLE back to classic since in adaptive it will be a postbuild parameter
Changed Files:	generate/include/Dlog_Cfg.h.pgen
Compatibility:	

Revision 5.0.2 [Released]

Item	Description
CR ID:	BAC-6223
CR Headline:	Usage of IMPLEMENTATION-CONFIG-CLASSES is deprecated and shall be replaced by VALUE-CONFIG-CLASSES according to ASR4.2.2
Description of Issues:	TPS_ECUC_06051 is removed from spec. In schema AUTOSAR_4-2-2.xsd IMPLEMENTATION-CONFIG-CLASSES is marked as deprecated. That means: IMPLEMENTATION-CONFIG-CLASSES/IMPLEMENTATION-CONFIG-CLASS has to be replaed by VALUE-CONFIG-CLASSES/VALUE-CONFIG-CLASS entirely within paramdefs!
Description of Changes:	fix config classes in paramdef.arxml file
Changed Files:	cfgdesc/Dlog_paramdef.arxml

Compatibility:	
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Item	Description
CR ID:	BAC-6213
CR Headline:	Write Svk History after reprogramming
Description of Issues:	Write Svk History after reprogramming
Description of Changes:	Write Svk History after reprogramming
Changed Files:	src/Dlog_SvkGen.c include/Dlog_SvkGen.h
Compatibility:	

Item	Description
CR ID:	BAC-6181
CR Headline:	Tidy up
Description of Issues:	Tidy up: - remove dependency to Srv in comment - remove remains of VirtualCPU - remove remains of RSU - remove remains of write fingerprint - remove dead code - fix file headers - fix compiler warnings
Description of Changes:	Tidy up: - remove dependency to Srv in comment - remove remains of VirtualCPU - remove remains of RSU - remove remains of write fingerprint - remove dead code - fix file headers - fix compiler warnings
Changed Files:	src/Dlog_SvkGen.c src/Dlog_EcuGen.c CMakeLists.txt include/Dlog_EcuGen.h include/Dlog_SvkGen.h
Compatibility:	

Item	Description
CR ID:	BAC-5169
CR Headline:	Some (most?) BAC modules paramdef violate TPS_ECUC_06004
Description of Issues:	According to AUTOSAR TPS_ECUCConfiguration there is the following requirement: [TPS_ECUC_06004] AdminData field in ECU Configuration Parameter Definition XML file d An AdminData field is required at the beginning of every ECU Configuration Parameter Definition XML file (regardless whether it is the StMD or the VSMD file) to allow the setting of AdminData for the whole XML File. c() Most of our modules fail to define the AdminData Element (just saw it in Darh - and here the element contains mixed info to be fixed). It is somehow weird as we then will define version info within CommonPublishedInformation AND AdminData - but as it is formally required, we have to follow it.
Description of Changes:	add AdminData to paramdef file
Changed Files:	cfgdesc/Dlog_paramdef.arxml

Compatibility:	
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Revision 5.0.1 [Released]

Item	Description
CR ID:	BAC-6172
CR Headline:	Tidy up
Description of Issues:	Tidy up: - remove remains of first start flag - remove remains of prog counter - fix compiler warnings
Description of Changes:	Tidy up: - remove remains of first start flag - remove remains of prog counter - fix compiler warnings
Changed Files:	src/Dlog_SvkGen.c
Compatibility:	

Item	Description
CR ID:	BAC-6089
CR Headline:	Bm/Dlog inconsistent defines Blu does not start
Description of Issues:	Bm/Dlog inconsistent defines Blu does not start
Description of Changes:	return consistent application for programming dependency state in case of BLU
Changed Files:	include/Dlog_Data.h src/Dlog_SvkGen.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:	