

# Release Notes DarhClassic

Project BMW AUTOSAR 4 Core Rel. 3  
 Author BMW AG  
 Release Date 2017-12-14  
 Version 5.1.0  
 Status Release  
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<https://asc.bmw.com/jira/browse/BSUP> (extern)  
<https://asc.bmwgroup.net/jira/browse/BSUP> (intern)

## Revision History

Version	Date	Issues
5.1.0	2017-12-14	BAC-6651
5.0.2	2017-11-09	BAC-6506
5.0.1	2017-10-12	BAC-6345, BAC-6196
5.0.0	2017-06-29	

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## 1 Module Description

The main objective of the Darh functionality is to send errors that occurred locally in the ECU and are reported to the Dem to a central master over the system bus. The idea is to collect errors of the individual ECUs in the vehicle in one central place to allow later analysis of error correlations between the different ECUs.

For this purpose, errors are sent to the master containing timestamp information. This allows deducing the order in which errors occurred in the complete system and helps to find out the original reason of a complex causal loop.

## 2 Revisions and Modifications

### Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6651
CR Headline:	Darh: only 1 DTC shall be transmitted at a time
Description of Issues:	Darh transmit one DTC each time.
Description of Changes:	Due to an update on the LH and the BNE the Darh will transmit only one DTC and timestamp each time.
Changed Files:	doc/DarhClassic_IntegrationManual.pdf src/Darh_ApplAdapter.c generate/meta/Darh_ext_interfaces.arxml.pgen generate/meta/Darh_internal.arxml.pgen
Compatibility:	

### Revision 5.0.2 [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/Darh_ext_interfaces.arxml.pgen generate/include/DarhClassic_Cfg.h.pgen generate/meta/Darh_internal.arxml.pgen
Compatibility:	

### Revision 5.0.1 [Released]

Item	Description
CR ID:	BAC-6345
CR Headline:	Darh: Dem_EventIdType has to be uint16

Description of Issues:	Dem_EventIdType is defined in AUTOSAR as uint16 and not uint32.
Description of Changes:	Dem_EventIdType has been changed to uint16.
Changed Files:	generate/meta/Darh_ext_interfaces.arxml.pgen src/Darh_ApplAdapter.c
Compatibility:	

Item	Description
CR ID:	BAC-6196
CR Headline:	Darh: Implementation of Darh_SetRoeSuspendedHandler() missing
Description of Issues:	The runnable SetRoeSuspended was not implemented in code.
Description of Changes:	The runnable SetRoeSuspended with the Symbol Darh_SetRoeSuspendedHandler has been implemented.
Changed Files:	src/Darh_ApplAdapter.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:	