



DDS

What's New in Version 20.3?



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1 DDS: Purpose and scope

This document describes the improvements and changes of the current DDS version compared to the previous versions.

2 DDS - What's new in 20.3.R0

2.1 New Features, Major Improvements

Schlüssel **What's New In Dds**

ADDS-166 **Target Framework v4.7.2**
 77 Microsoft .NET system requirement updated to version 4.7.2.

ADDS-161 **ImpADD / ExpSrc / Seml:**
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New Option:

Choice	Dataspacememoryoptimizationmode
None	Old memory layout as before for variant coded dataspace elements
Optimize	New memory layout trying to produce "nearer" pointer distances for offset pointers in order to manage more dataspace elements

Code generation:

Create declarations, definitions and convenience defines according to reflect the optimized memory layout when the option `DataSpaceMemoryOptimizationMode` is set to optimized. Sort dataspace elements by size, when only some of the dataspace elements are variant coded.

In case the option is set to "None" no semantical changes are made in regards of variant coded dataspace elements in comparison to previous version of DDS.

2 Vorgänge

2.2 Minor Improvements, Correction of Bugs

Schlüssel **What's New In Dds**
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ADDS-18206 **ImpA2**
 Enum Values that are exported as `SYSTEM_CONST` values by `ExpA2` with Option `"-SAS4All"` could not be re-imported by `ImpA2`. The `ENUMS` are prefixed with `"[VIT_DDS]ENUM."` to be distinctible from arbitrary `cDefines` in the `*.a2l` file, e.g

```
SYSTEM_CONSTANT "[VIT_DDS]ENUM.ERR_DIAG_INST.NOT_VLD" "409"
SYSTEM_CONSTANT "[VIT_DDS]ENUM.ERR_DIAG_INST.VLD" "410"
```

ADDS-18135 Minor bugfixes in IF_DATA template protocols:

- `_DDS_If_data` (XCP V1.1 using smartVariables).grl
Fixed some enumerations with wrong names.
- `_DDS_If_data` (XCPplus V1.2 using smartVariables).grl
Fixed some enumerations with wrong names.
- `_DDS_If_data` (XCPplus V1.3 using smartVariables).grl
Fixed some enumerations with wrong names.
Fixed order of some optional elements inside fixed elements.
- `_DDS_If_data` (XCPplus V1.4 using smartVariables).grl
Fixed some enumerations with wrong names.
Fixed order of some optional elements inside fixed elements.
- `_DDS_If_data` (XETK V1.1.0).grl
"DEFAULT_RASTER" must not occur in global part of IF_DATA (issue fixed)

ADDS-18098 **ImpADD**

Artificially created parameters DS_NAME and DS_VERSION for SoftwareComponents are moved into the same Conf-Unit as arbitrary parameters, imported from ADD, in regard of the option "InstrEntitiesBasedOnProxiesToUnit".

ADDS-18089 **ExpSrc / Seml:**

Fix Regression: Crash in ExpSrc; File with init code for data variant is not created.

ADDS-17812 **ExpA2**

Fix in "XCPplus V1.4 and V1.3": "FIXED" entry can occur multiple times

ADDS-17715 **SysConf:**

Fixed issue: Corrected the error when changing the count to > 0 for the ifDataBlock XCP_ON_UDP_IP.

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3 DDS - What's new in 20.3 Appendix

3.1 No longer supported features

Schlüssel

What's New In Dds

Keine Vorgänge gefunden

3.2 Questions?

If you have any questions about this release, please contact the Visu-IT! Hotline:

DDS Hotline

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DDS Product Page

Internet: visu-it.de/products/dds/