

Data Declaration System

What's new in Version 19.1?

Mar 22nd 2019

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1 Purpose and scope

This document describes the improvements and changes made in DDS V19.1.

2 What's new in Version V19.1.R0?

Improvements and changes of DDS V19.1.R0 compared to previous.

2.1 Features

ExpA2

- ADDS-14465: Support of new protocol "XETK V2.4".

ExpSrc

- ADDS-14006: Generate also one-dimensional data variant pointers as pointer-to-array as it is already implemented for multidimensional data variant pointers.

ExpTL

- ADDS-11220: Export DataObjects of type Structure as Struct-Typedef to TargetLink DD.

GenEdit

- ADDS-14739: New user-interface to be able to set a base-type for cDefine entities within DDS to control the cDefine suffix for the ExpSrc filter.
- ADDS-14816: Update of License-Keys.

ImpELF

- ADDS-14589: Bitfield structures from an ELF-Binary are imported with bitsize and bitoffset attributes in case of being addressed by symbol-links. This is necessary to enable ExpA2 to evaluate the correct bitmask attribute for the correlated measurement entity with a symbol-link specified.
- ADDS-15193: Support of Compilers "IAR ANSI C/C++ Compiler V7.50.2.10312/W32 for ARM" (Dwarf 2) and "IAR ANSI C/C++ Compiler V8.30.1.114/W32 for ARM" (Dwarf 4).

ImpA2

- ADDS-14059: Support of Japanese characters within the file-path from where a *.a2l file should be imported.

2.2 Improvements / Correction of Bugs

ExpSrc

- ADDS14929: Correct output of define-statements for fix-axes when variant selectors are assigned to the corresponding map element.

FParser

- ADDS-14668: Fix formel-parser not bail-out when certain constructs are used in specific parts of a term using the "Formula Conversion" editor.

GenEdit

- ADDS-13292: Corrected setting the Init Values Grid type (e.g. 'REAL' or 'PHYS') when changing the elemType or conversion of the entity.
- ADDS-14603: Avoid pop-up message boxes while a filter in DDS runs in UI-less mode and the message-box therefore may block processing on a server.

ImpADD

- ADDS-14872: InitValues of type boolean with the value "true" were represented in C code as "-1" by mistake, due to the strange definition of COM boolean types. This is now corrected: Boolean InitValues in C code are represented as "1" for "true" and as "0" for "false".

3 No longer supported filters/components

ExpXML

- ADDS-9414: "Export universal XML" filter removed.

4 Questions?

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

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DDS Product page

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