Visual Information Technologies GmbH

Data Declaration System

What's new in Version 7.3.R2?

Jan 13th 2012

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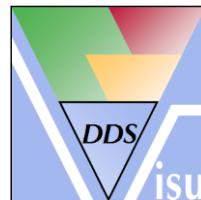
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1   Purpose and scope

This document describes the improvements and changes of DDS V7.3.R2 compared to V7.2.R3.

2   What's new in Version V7.3.R0?

Improvements and changes of DDS V7.3.R0 compared to V7.2.R3.

2.1   New Features

2.1.1   Support of second kind of variant coding

A second kind of variant coding is now supported in DDS.
Focus of this new kind of variant coding is to reduce the amount of structures and consequently the amount of pointers which are needed to activate the different variant criteria.
The two different variant codings can be controlled via the new ImpADD filter option "VariantCodingMode".

2.1.2   New ADD features

Support of new ADD V7.3 features:
- Support of MappingSchemes (RecordLayouts) also for Parameters and Onlines

2.2   Minor Improvements / Correction of Bugs

2.2.1   Import ADD: Miscellaneous improvements

Improvements:
- New filter option "VariantCodingMode" (see above)
- Attribute "visible": Handling of "undefined" value -> allow setting/configuration in DDS

2.2.2   Import ASAP2: Miscellaneous improvements

Improvements:
- Bugfix related to the import of addresses (from the A2L file) which are greater than SLONG

2.2.3   Import ELF: Miscellaneous improvements

Improvements:
- Official support of Tasking TriCoreVX compilers:
  - CTC 3.4
  - CTC 3.5
- Toleration of assembler compilation units of CTC 3.4 and CTC 3.5

2.2.4   ExpSrc: Miscellaneous improvements

Improvements:
- Support of "multiplied" setting also for Parameters and Onlines
- Support of new attribute "reversed" for Parameters and Onlines
- Bugfix: Default init values were not always correctly exported.
  Problem occurred when limits of assigned conversion are outside the datatype limits.

2.2.5 ExpMDX: Miscellaneous improvements

Improvements:
- Unsupported complex type members (e.g. nonCalibEntities) are now skipped (a warning is emitted).

2.2.6 ExpDDX: Miscellaneous improvements

Improvements:
- The init-values of maps are now exported with exchanged axis (XYZ -> ZYX). That behaviour is like the one of arrays and is also more like the representation in c-code (RL_20_ME).

2.2.7 DServer: Miscellaneous improvements

Improvements:
- Support of further attributes: "monotony" and "isDDProxy"

2.2.8 Export to ASCET: Miscellaneous improvements

Improvements:
- Support of Ascet V6.1

2.2.9 Export to TL: Miscellaneous improvements

Improvements:
- Further variables for class syntax generation -> flexible data type identification

3 What's new in Version V7.3.R1?

Improvements and changes of DDS V7.3.R1 compared to V7.3.R0.

3.1 Minor Improvements / Correction of Bugs

3.1.1 Import ADD: Miscellaneous improvements

Improvements:
- Performance improvement related to "upgrade containers in DDS" functionality

4 What's new in Version V7.3.R2?

Improvements and changes of DDS V7.3.R2 compared to V7.3.R1.

4.1 Minor Improvements / Correction of Bugs

4.1.1 Import ADD: Miscellaneous improvements

Improvements:
- Toleration of duplicate data space configuration on ADD project level

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4.1.2 DDX LowLevel: Miscellaneous improvements

Improvements:
- Support of deeply nested data variant expressions

5 No longer supported filters/components

6 Questions?

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

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