

Data Declaration System

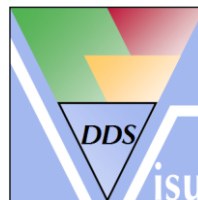
What's new in Version 6.0.R1?

Mar 26th 2010

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1 Purpose and scope

This document describes the improvements and changes of DDS V6.0.R1 compared to V5.8.R0.

2 What's new in Version V6.0.R0?

Improvements and changes of DDS V6.0.R0 compared to V5.8.R0.

2.1 New Features

2.1.1 Data Variant Handling

Support of data variants defined in ADD.

Affected components:

- DDS Editor
- ImpADD
- ExpSrc
- ExpA2, ExpDDX, ExpMDX

2.1.2 ImpADD – Code Sharing Adapter

The ImpADD now supports a set of further constellations regarding the code sharing adapter, e.g. INPUT vs. OUTPUT constellations, multiple DO versions, INPUT and OUTPUT at the same time, etc.

2.1.3 Conversion for float-definitions

Up to now, DDS supports no conversion for float-definitions. This new version will allow defining conversions also for float-definitions.

2.1.4 Support of SI-Units

DDS now supports the declaration and handling of SI-Units (DDS Editor, ASAP2 Export/Import, DDX Export/Import, MDX Export)

2.1.5 Support of new compilers

- 1.) Support of Tasking TriCore VX-toolset V3.2 compiler
- 2.) Support of Tasking TriCore VX-toolset V3.3 compiler
- 3.) Support of Diab Data V5.8 compiler

2.2 Minor Improvements / Correction of Bugs

2.2.1 Import ADD: Miscellaneous improvements

Improvements:

- Support of multiplied parameter/online Val_Blks
- New option "DPCheckWithNoRepair"

2.2.2 Import ASAP2: Miscellaneous improvements

Improvements:

- Correction of problem with structure types ("can't create cTag...") when multiple imported
- Support of maps with 3 axes -> CUBOID
- Superfluous messages L2227 and L4005 suppressed
- Support of DEPOSIT attribute for axes
- Detection and correct handling of artificial conversions during import in "RestoreDDSName" mode

2.2.3 Import DDX: Miscellaneous improvements

Improvements:

- Support of DEPOSIT attribute for axes

2.2.4 Import ELF/I3E: Miscellaneous improvements

Improvements:

- Import 'byteSize' information also for embedded axes. This is necessary for embedded axes with an enum datatype.
- Support of multiplied parameter/online Val_Blks
- Support of readOnly GRL files
- Support of raw-mode

2.2.5 Import CVX: Miscellaneous improvements

Improvements:

- Bugfix concerning the message V0013 -> invalid dimension in CVX file
- Support of multiplied parameter/online Val_Blks

2.2.6 Export Source: Miscellaneous improvements

Improvements:

- PUT-macro for logical bit changed
- Special handling for structures where all members contain code variants which are not active.
-> complete structure must be deactivated via preprocessor directives ^
- Support of multiplied parameter/online Val_Blks
- 3D-Interpolation
Support of 3 axes

2.2.7 Export ASAP2: Miscellaneous improvements

Improvements:

- Correction of offset of maps with embedded axes in "AddressOffsetFile"
- Support of maps with 3 axes -> CUBOID
- Support of DEPOSIT attribute for axes

2.2.8 Export DDX: Miscellaneous improvements

Improvements:

- Support of DEPOSIT attribute for axes

2.2.9 Export MDX: Miscellaneous improvements

Improvements:

- Full support of "Bit & Host" functionality
- Support of structures both via "SW-CLASS" & "SW-INSTANCE" and via CATEGORY STRUCTURE
- Bugfix: Correct datatype for float definitions

2.2.10 Instruction Processor: Miscellaneous improvements

Improvements:

- Now, the source files are no longer locked during processing but accessed in readOnly mode

2.3 AddOn components

3 What's new in Version V6.0.R1?

Improvements and changes of DDS V6.0.R1 compared to V6.0.R0.

3.1 Minor Improvements / Correction of Bugs

3.1.1 ExpSrc: Miscellaneous improvements

Improvements:

- Modified defines for variant coded maps with embedded axes
- Bugfix: Correction of initialization of variant coded maps with embedded axes

3.1.2 ExpASCET & ExpTL: Miscellaneous improvements

Improvements:

- Bugfix: Correction of custom tag export (handling of special characters)

4 No longer supported filters/components

5 Questions?

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

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