

Data Declaration System

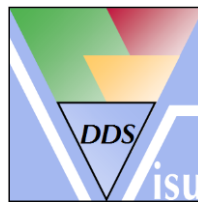
What's new in Version 9.2?

Sep 20th 2013

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1 Purpose and scope

This document describes the improvements and changes made in DDS V9.2

2 What's new in Version V9.2.R0?

Improvements and changes of DDS V9.2.R0 compared to previous.

2.1 Features / Improvements / Correction of Bugs

2.1.1 ImpADD:

- Also the names of disabled variables (code variant) are now stored in the unit specified for instructions.

2.1.2 ExpA2:

- Support of new IF_DATA protocol "dSPACE PlugOnDevices (POD)" -> new ifData-Template.
- New filter option "DetectSizeOfBitfieldMember": Detect and use (optimized) size of bitfield member definitions from locator file (default = "assume that a bitfield-member has the dataType which is assigned in DDS")

2.1.3 ExpSrc:

- Fixed the problem with the incorrect pointer assignment for variant encoded values of an array type.
- Removed the explicit cast for the calculated code of DataSpace reference Array.
- Statusword bits will be explicitly declared in the generated code.

2.1.4 ImpCVX:

- Improved error messages and warnings mainly concerning data space elements and elements with adjustable dimensions.
- Now suppressing messages concerning disabled variables (code variant).

2.1.5 ImpA2:

- Support of new IF_DATA protocol "dSPACE PlugOnDevices (POD)" -> new ifData-Template.
- Monotony – Problem on embedded Axes fixed
- Error "J0000" on systems with Japanese code page fixed
- A2L System Constants will now be also imported as cDefines, if the file definition is set in the option "DefFile4SystemConstants".

2.1.6 InstrPro:

- Support of structures and unions via the additional keywords "DEFSTRUCT", "refstruct", "DEFUNION" and "refunion".

2.1.7 TLExpert:

- Initial Data: "Width"- and "Value" – property bug for initial data fixed

2.1.8 DServer

- DDS API DServer: Version of DDS API "DServer" harmonized with the appropriate DDS Version. E.g.: DServer.Database.9.2100

2.1.9 ExpA_2D

- The export now also supports rational-function conversions according to the ASAM MCD 2D (2.2) standard. In addition to this, the "TAB-INTP" and "TEXTTABLE" conversions were adjusted/changed according to this standard.

2.1.10 ExpMDX

- Introduced Schema validation for *.mdx output.

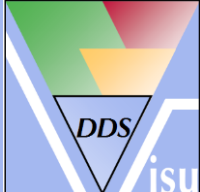
2.1.11 Common

- Supporting variant encoded DataSpace elements defined in ADD.
- Introduced "Virtual Measurements", which are virtual onlines combining other onlines in a specified manner (formula).

3 No longer supported filters/components

4 Questions?

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

<p>DDS Hotline Tel.: +49 (0)941 / 49082 - 16 email: hotline@visu-it.com</p>	 The logo for DDS (Digital Data Service) features a stylized 'V' shape composed of several overlapping triangles in green, red, yellow, and blue. The letters 'DDS' are written in white across the center of the 'V', and the letters 'isu' are written in white at the bottom right of the 'V'.	<p>DDS Product page Internet: http://www.visu-it.de/DDS</p>
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