



DDS

What's New in Version 20.2?



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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 20.2.R0

2.1 New Features, Major Improvements

Schlüssel **What's New In Dds**
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ADDS-1 7067 ExpSrc:
Support of source code export for Autosar40 notation of maps with embedded axes.
E.g.

```
struct ADDS_14900_myMap2_STRUCT
{
    FLOAT32_IEEE sstx[1], x1, x2;
    FLOAT32_IEEE werte[1], v1;
};
extern CONST(FLOAT32_IEEE, RTE_APPL_CONST) ADDS_14900_myMap2;
```

ADDS-1 6833 SysConf:
Within the "If_Data template configuration", an If_Data instance can be assigned to a specific memory region,

ADDS-1 6723 ImpADD:
Generate local parameter arrays for SoftwareComponent containers.

Name	Type	Length
<SWC-Name>_DS_NAME	uint8	12
<SWC-Name>_DS_VERSION	uint8	4

ADDS-1 6701 ExpSrc:
Support of new DDS-Script variable "\$this.DDContainer.SWCName\$", which outputs the name of the containing SoftwareComponent container of an entity, similarly to "\$this.DDContainer.Name\$", which is also the default value for the SWCName, when no containing SoftwareComponent container is present.

ADDS-1 6534 ImpADD:
On import from ADD, SoftwareComponent containers participate (among compositions and other containers) in the creation of hierarchical functions for a2l output in the sense of functions and subfunctions.

ADDS-9 010 SysConf:
Fixed issue: Sysconf does not show all entries of a large If_Data section.
Solution: A tree view is added at the right side showing all main If_Data nodes. Selecting such a node displays only the controls for this specific If_Data part (better usability, better performance).

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2.2 Minor Improvements, Correction of Bugs

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ADDS-17476 **ExpTL:**

Issues related to an error when running Export TargetLink filter without option "IncludeDDX" fixed.

ADDS-17408 **ExpSrc:**

Bugfix for erroneous datacode (Ascet interface). Corrected name of generated define-statement for variant coded array.

ADDS-17033 **ImpADD:**

DDS emits the following warnings when an axis size defined by a CDefine has a value less than 2.

```
Information W0126: '#define SyC_noDpSwTest02_SC_VW': It will be used to
define an axis size. The value for the axis size has to be at least '2'.
It will be adapted.
Information W0126: 'axis '~ADD_Adj_aSwTest02_M_VW_X''': The value for the
axis size has to be at least '2'. It will be adapted.
```

This limitation for axis sizes (sampling points for axis) to be at least 2 is removed. The minimum required value is now 1.

ADDS-17012 **ExpSrc:**

Header files specified by the filter option "**CsAdpSystemConstantDefFile**" were accidentally marked as implementation files by

```
#ifndef ADDS_DEF_FILE
#define ADDS_DEF_FILE
#endif
```

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3 DDS - What's new in 20.2 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/