

## Data Declaration System

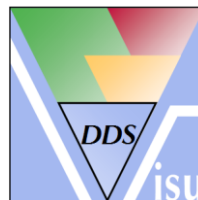
What's new in Version 7.1.R1?

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## 1 Purpose and scope

This document describes the improvements and changes of DDS V7.1.R1 compared to V6.1.R9. This version also contains the improvements and changes of V6.2.R0.

## 2 What's new in Version V7.1.R0?

Improvements and changes of DDS V7.1.R0 compared to V6.1.R9.

### 2.1 Minor Improvements / Correction of Bugs

#### 2.1.1 Import ADD: Miscellaneous improvements

Improvements:

- V6.2.R0 feature: Support of ADD databases based on SQL Server (requires at least ADD V5.2)
- New sorting/ordering within global DD-Container structure

#### 2.1.2 ExpSrc: Miscellaneous improvements

Improvements:

- New mappingKind "axisDefineV" at 20'er mappingScheme

#### 2.1.3 Import ASAP2: Miscellaneous improvements

Improvements:

- Bugfix related to correct detection and assignment of mappingSchemes
- Support of "not existing" array and structure members (-> set them to 'invisible' during A2L import)

#### 2.1.4 Import ELF: Miscellaneous improvements

Improvements:

- Bugfix related to "different long alignments" (SEML: CalculateAddressOffset(...))

#### 2.1.5 Export ASAP2: Miscellaneous improvements

Improvements:

- V6.2.R0 topic: Correction of default (lower/upper) limits of float-definitions
- V6.2.R0 topic: Prevention of rounding issues related to filter option "Map2PointLinearConv2RatFunc"

#### 2.1.6 Export to ASCET: Miscellaneous improvements

Improvements:

- New setting <LocalAsExported> in order to define LOCAL data objects in ADD as exported variables in ASCET.

This new behavior can be activated in the configuration file "ADDASCETMap.xml" like this:

```
<DDASASCETMAP>  
  <LocalAsExported>true</LocalAsExported>  
  ...
```

Default is "false".

## 2.1.7 Instruction Processor: Miscellaneous improvements

### Improvements:

- V6.2.R0 topic: Bugfix related to the locking of source files which are only accessed in readOnly mode during processing.
- Performance improvement related to #refbit instruction
- Bugfix related to DDS variable: IsFloat64 ()

## 3 What's new in Version V7.1.R1?

Improvements and changes of DDS V7.1.R1 compared to V7.1.R0.

### 3.1 Minor Improvements / Correction of Bugs

#### 3.1.1 Export to ASCET: Miscellaneous improvements

##### Improvements:

- Bugfix related to values of system constants
- Bugfix related to the creation of the implementation of process local variables
- Initial values of "FIX-AXIS" are now always exported to ASCET (independent of the option "IgnoreInitValues")

## 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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