

Automotive Data Dictionary

Version 22.1

Release

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ADD Contact

email: hotline@visu-it.com

Internet: visu-it.de/products/add/



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Visual Information Technologies GmbH
An der Schergenbreite 1
93059 Regensburg

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1 Known Defects and Restrictions of Version 22.1

The following provides a list of known defects and restrictions of ADD V22.1. Productive use is anyhow possible.

1.1 Overall ADD system

Defect Tracking Number	Title	Comment / Explanation
60	Offline-Mode restriction	The following operations are not supported in the Offline mode: <ul style="list-style-type: none"> - Deletion of data types - Search for data types - Creation of a new unit - Creation/Deletion of a data type group - Search for a scaling value for a data type
59	Restricted support of 'ASCII', 'Binpoint' and 'Float' conversions	Conversions of the type 'ASCII', 'Binpoint' and 'Float' are not really supported and might be removed in the future. These conversions are explicitly not supported: <ul style="list-style-type: none"> - when exporting data to DDS (see section "Interface to DDS") - when exporting data into the DDX XML file Consequently, the import doesn't support these conversions either. Furthermore, the "in-Memory" and "offline" mode don't support these conversions.
58	References to arrays not supported	Referenced definitions must not be arrays. E.g. when an axis references an online, the online must not be an array. Although there exists a check in ADD which prevents such a reference, it might nevertheless occur when adding the array dimension to the referenced definition in a later step. <u>Note:</u> This problem does not occur for the map – axis reference, since axes can't be defined as arrays in ADD.
55	It's not possible to use a quadratic polynomial conversion	At the moment there seems to be no real use case for this functionality.
ADDS-2805	Composition/Container with identical names	Composition and Container cannot have the same name in ADD.

1.2 ADD Core

Defect Tracking Number	Title	Comment / Explanation
76	CntToXml restriction	- ArraySize and the Visible states are not supported for NCs (cDefines) in the DDX file format - When this function is called all used Units (referenced from data types) must exist in the Oracle database

1.3 ADD UI

Defect Tracking Number	Title	Comment / Explanation

1.4 ADD VDM

Defect Tracking Number	Title	Comment / Explanation

1.5 ADD NameChecker

Defect Tracking Number	Title	Comment / Explanation

1.6 Interface to Matlab/Simulink

Defect Tracking Number	Title	Comment / Explanation

1.7 Interface to DDS

Defect Tracking Number	Title	Comment / Explanation
53	No naming convention available for 'Binpoint'- and 'Polynomial'-conversion	When exporting conversions from ADD to DDS, the conversions get 'artificial' names in DDS (according to some fix naming conventions). However, this is not the case for 'Binpoint'- and 'Polynomial'-conversions. The ImpADD filter of DDS just takes care that there is no naming conflict between these conversions.
52	'U64'- and 'S64'-base (data-)types are not supported	When a data object has a 'U64'- or 'S64'-base (data-) type assigned, it will not be exported to DDS. This is because 64bit integer data types are not supported in DDS.

1.8 Installation

Defect Tracking Number	Title	Comment / Explanation
	Use simple directory names	ADD must not yet be installed into a directory which contains special characters (in its directory-name). This problem is linked to the Oracle database access.