

Automotive Data Dictionary

What's new in Version 11.3.R3?

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1 Purpose and scope

This document describes the improvements and changes of ADD V11.3 compared to V11.2

2 What's new in Version V11.3.R3?

2.1 Highlights

2.2 New Features, Major Improvements

2.2.1 Class Prototype Enhancement [[ADDS-8105](#)]

General enhancement of Class Prototype handling in ADD.

2.2.2 Composition Interface Enhancement [[ADDS-7965](#)]

General enhancement of Composition Interface feature.

2.3 Minor Improvements / Correction of Bugs

2.3.1 Composition++ Interface FormatString [[ADDS-8169](#)]

Issues related to non-changeable attribute "FormatString" of "Imported" Composition++ Interface elements fixed.

2.3.2 Sync DataType Change [[ADDS-8134](#)]

Issues related to illegal changes of ADD DataTypes during ADD Offline Sync fixed.

2.3.3 Class Instance Lock [[ADDS-8042](#)]

Issues related to erroneous "Unlock" behavior of Class Instance elements fixed.

2.3.4 Composition Interface [[ADDS-8076](#)]

Issues related to double click behavior for Composition Interface elements fixed.

2.4 ADDAdapter

2.5 DDX HighLevel

3 What's new in Version V11.3.R1?

3.1 Highlights

3.2 New Features, Major Improvements

3.3 Minor Improvements / Correction of Bugs

3.3.1 CV Sync [[ADDS-8014](#)]

Issues related to the ADD Offline Sync of CodeVariants fixed.

3.3.2 ADDCusServ MemoryGroup [[ADDS-8078](#)]

Issues related to missing Container attribute "MemoryGroup" within customer DDX stream (ADDCusServ.dll) fixed.

3.3.3 Class Prototype Label [[ADDS-8050](#)]

Issues related missing Class Prototype information fixed.

3.3.4 ClassInstance Name [[ADDS-8041](#)]

Issues related to the change of ClassInstance names fixed.

3.4 ADDAdapter

3.5 DDX HighLevel

4 What's new in Version V11.3.R0?

4.1 Highlights

4.1.1 Fixed/Draft DO TakeOver [[ADDS-6945](#)]

Enable DataObject version auto-increment when creating new Container versions.

4.1.2 Draft DO TakeOver [[ADDS-6786](#)]

Allow takeover of "draft" DataObjects when creating new Container versions.

4.1.3 Comp/Cnt/DO Recursive Fix [[ADDS-6779](#)]

Force change of Status from "draft" to "fixed" for subordinated objects of Compositions/Containers and DataObject references.

4.1.4 Support BusAdp BAP [[ADDS-6757](#)]

Support of BAP file import for special Container BusAdp added.

4.1.5 BusAdp Multiple Direction Signals [[ADDS-6727](#)]

Allow import and setting of BusAdp Signals used as Send and Receive.

4.1.6 DO New Release [[ADDS-6671](#)]

Enable automatic creation of DataObject references when creating a new DataObject release.

4.1.7 Support of Class-Objects [[ADDS-6423](#)]

New main object type "Class" added.

4.2 New Features, Major Improvements

4.2.1 Dependent SC SIM BT (Optional) [[ADDS-7906](#)]

Allow usage of all available SIM BaseTypes for Dependent SystemConstants.

4.2.2 Optional Online Init-Value [[ADDS-7391](#)]

Allow optional setting of Online Init - Values.

4.2.3 Composition++ & Rest-of-World [[ADDS-7377](#)]

New flag ("Rest of World") added to element Composition++.

4.2.4 Container/DO CR Handling [[ADDS-6780](#)]

DataObject ChangeRequest setting restricted to the settings of the superordinate Container ChangeRequest list.

4.2.5 ADD Inactive User (Optional) [[ADDS-6661](#)]

Disconnect inactive ADD User from database.

4.2.6 Composition Interface [[ADDS-6279](#)]

Mark and handle Composition Interface elements in means of Inter-Composition communication.

4.2.7 CsAdp Version Handling [\[ADDS-6269\]](#)

Allow interface changes (INPUT/OUTPUT DataObjecs) for new versions of special Container CsAdp.

4.2.8 DT Resolution/Offset [\[ADDS-5989\]](#)

Enable setting of Datatype Conversion based on Resolution and Offset value.

4.2.9 ADD Reference Context [\[ADDS-2303\]](#)

Project context filter added to ADD Object References window.

4.2.10 ChangeRequest [\[ADDS-7940\]](#)

Operations "Create new Version/Variant" and "Create new Release" are available in Composition++ environment

4.2.11 BusAdp CT [\[ADDS-6701\]](#)

Enable IssueNumber attribute of CustomTags within special Container BusAdp.

4.2.12 ADD Lock Performance [\[ADDS-7583\]](#)

General ADD Lock - mechanism performance enhancement.

4.2.13 New VDM Improvements [\[ADDS-7145\]](#)

General function improvements of tool "new" VDM.

4.2.14 Class Prototype Performance [\[ADDS-7553\]](#)

General performance enhancement when loading and working with ADD Class Prototypes.

4.3 Minor Improvements / Correction of Bugs

4.3.1 DDX Content Output [\[ADDS-6777\]](#)

Force consistent content order within the DDX output files.

4.3.2 Prj.-Check & Customer DO-Versions [\[ADDS-7447\]](#)

Ignore version differences for Customer Data Objects (BusAdp) within Project Check Nr. 1 for version label "Release" (depending on the applied Custom Tags).

4.3.3 STRING-Conversion [\[ADDS-4728\]](#)

Issues related to update problem of STRING Conversion values fixed.

4.3.4 ADD MDX-Export SC-Ref [\[ADDS-7821\]](#)

Issues related to the invalid reference IDs for SystemConstant - AxisSize definitions within the ADD MDX file fixed.

4.3.5 Search StructType/ClassInstance [\[ADDS-7789\]](#)

Use case insensitive string for search of "Struct Types", "ClassPrototypes" and "ClassInstances".

4.3.6 CsAdp BitCarrier Handling [\[ADDS-7710\]](#)

Allow usage of reduced LogicalBit member list for BitCarriers within special Container CsAdp.

4.3.7 CV Boolean SC [\[ADDS-7384\]](#)

Issues related to the usage of SystemConstants with BaseType BOOL fixed.

4.3.8 Column Header Menu [\[ADDS-7366\]](#)

Issues related to missing elements within the column header menu fixed.

4.3.9 DO List Resolution/Offset [\[ADDS-7364\]](#)

Show "Resolution" and "Offset" column within DataObject List Mode view.

4.3.10 CIL Mapping CV Sync [\[ADDS-7472\]](#)

Issues related to inconsistent behaviour when synchronizing CIL Mapping - CodeVariants fixed.

4.4 ADDAdapter

4.4.1 ADDAdapter & MATLAB 64bit [\[ADDS-7541\]](#)

Issues related to a crash of MATLAB 64bit when using ADDAdapter x64 in combination with SIMULINK Customization method "sl_customization" fixed.

4.5 DDX HighLevel

4.5.1 DDX CIL - CV - ID-REF [\[ADDS-7958\]](#)

Issues related to the setting and usage of in-proper CodeVariant ID-References for CIL Mappings within DDX fixed.

5 What's new in Version V11.2.R5?

5.1 Highlights

5.2 New Features, Major Improvements

5.3 Minor Improvements / Correction of Bugs

5.3.1 Project AxisSize-Default [[ADDS-7756](#)]

Issues related to the erroneous usage of Data Object AxisSize values instead of given Container specific values as Default-values fixed.

5.3.2 DS Extended Log [[ADDS-7729](#)]

Issues related to the display of an inconsistency within the ArraySize setting fixed.

5.3.3 New Struct Instance [[ADDS-7714](#)]

Issues related to the creation of a new release/revision of a Structure Instance fixed.

5.4 ADDAdapter

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5.5 DDX HighLevel

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6 What's new in Version V11.2.R4?

6.1 Highlights

6.2 New Features, Major Improvements

6.3 Minor Improvements / Correction of Bugs

6.3.1 Project Status Change [[ADDS-7619](#)]

Issues related to errors during the change of the Project Status attribute fixed.

6.3.2 Conf. Pack AxisSize-Default [[ADDS-7703](#)]

Issues related to the erroneous usage of Data Object AxisSize values instead of given Container specific values as Default-values within the Configuration Package - TakeOver dialogue fixed.

6.3.3 Delete CV-Container [[ADDS-7618](#)]

Issues related to the deletion of Container containing DataObjects with CodeVariant.

6.3.4 Project COM-AxisSize-SC Value [[ADDS-7501](#)]

Issues related to the setting of COM-AxisSize-SystemConstant reference value <2 by adding an Axis after specifying the SystemConstant project-specific value fixed.

6.3.5 Project Check DS-COM-Axis [[ADDS-7679](#)]

Issues related to the missing check of DataSpace - COM-Axis within a Project-Check No. 8 fixed.

6.3.6 DataSpace SC-Refs [[ADDS-7650](#)]

Issues related to errors when using SystemConstant elements als Array-/Axis-Size values fixed.

6.4 ADDAdapter

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6.5 DDX HighLevel

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7 What's new in Version V11.2.R2?

7.1 Highlights

7.2 New Features, Major Improvements

7.3 Minor Improvements / Correction of Bugs

7.3.1 Project AxisSize-SC Value [[ADDS-7473](#)]

Issues related to the setting of AxisSize-SystemConstant reference value <2 by adding an Axis after specifying the SystemConstant project-specific value fixed.

7.3.2 Project DS-Ext Default-Value [[ADDS-7468](#)]

Issues related to Project Default-Check of DataSpace Array-/Axis-Size - elements fixed.

7.4 ADDAdapter

7.4.1 Change Container Status [[ADDS-7452](#)]

Issues related to a NameChecker error when using ADD Adapter "SetContainerState" method fixed.

7.5 DDX HighLevel

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8 What's new in Version V11.2.R1?

8.1 Highlights

8.2 New Features, Major Improvements

8.3 Minor Improvements / Correction of Bugs

8.3.1 CV Bit-Ref [[ADDS-7399](#)]

Issues related to the direct link of CodeVariant object to Logical Bit - Onlines fixed; Bits do not have any direct link to CodeVariants anymore.

8.3.2 Output PackedBit [[ADDS-7383](#)]

Issues related to the erroneous setting of the "PackedBit" attribute for Data Objects of Classification Output fixed.

8.3.3 CV - CIL Mapping Sync [[ADDS-7365](#)]

Issues related to the update of CIL Mapping Objects with CodeVariants during ADD Offline Sync fixed.

8.3.4 FormatString Sync [[ADDS-7353](#)]

Issues related to the crash of ADD when synchronizing DataObjects without a FormatString setting fixed.

8.3.5 STRING-Conversion [[ADDS-4728](#)]

Issues related to update problem of STRING Conversion values fixed.

8.3.6 Empty Interface Lib Freeze [[ADDS-7299](#)]

Issues related to the crash of ADD when changing Status to "Frozen" on a Project with an empty Supplier Interface fixed.

8.3.7 DO Toolbar [[ADDS-7295](#)]

Issues related to the Release/Revision buttons within the Data Object toolbar fixed.

8.3.8 Input PackedBit [[ADDS-6794](#)]

Issues related to the erroneous setting of the "PackedBit" attribute for Data Objects of Classification Input fixed.

8.3.9 DO LastUpdate Refresh [[ADDS-5638](#)]

Issues related to the change of Data Object attribute "LastUpdate" for "fixed" elements fixed.

8.4 ADDAdapter

8.4.1 Adapter Prj-Cnt-DDX-Export [[ADDS-7313](#)]

Issues related to the missing ADD Project context when exporting a project-related Container to DDX fixed.

8.5 DDX HighLevel

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9 What's new in Version V11.2.R0?

9.1 Highlights

9.1.1 Customer Composition Interface (Optional) [[ADDS-5760](#)]

Customer adaptation for Composition Interface (Composition++) added.

9.1.2 DataObject/Container History [[ADDS-5727](#)]

Change log added for Data Object and Container attributes.

9.1.3 ArraySize/AxisSize Prj DS [[ADDS-4692](#)]

Extend Project DataSpace to Parameter/Axis attributes "ArraySize" & "AxisSize"; enhance Project DataSpace tab handling.

9.1.4 ADD StartUp Performance [[ADDS-7249](#)]

General ADD Startup performance enhancement.

9.2 New Features, Major Improvements

9.2.1 DO Attribute "Reset-Safe" [[ADDS-5906](#)]

New attribute "Reset-Safe" (true/false) for Data Object Versions added.

9.2.2 CIL Mapping "logical NOT" & "ones complement" [[ADDS-5862](#)]

New attribute "logical NOT" & "ones complement" for Simple CIL Mapping added.

9.2.3 DO Attribute "Const" & "Static" [[ADDS-4116](#)]

New attribute "Const" and "Static" for Data Objects\Structures added.

9.2.4 VDM Additional Info [[ADDS-5803](#)]

Show additional information for Data Objects and Container of the appropriate displayed element within a tooltip.

9.2.5 CsAdp/CIP Enhancement [[ADDS-4072](#)]

General enhancement of special Container CsAdp in means of supporting special Container CIP.

9.2.6 ADD User Role Activation (Optional) [[ADDS-6296](#)]

Activate all available ADD User Role during ADD start-up.

9.3 Minor Improvements / Correction of Bugs

9.3.1 Cmp/Prj Interface - Check [[ADDS-1010](#)]

Enhance Composition\Project INPUT/OUTPUT Check in order to detect Composition-LOCAL Data Objects.

9.3.2 DO-CNT Visible-Display Name [[ADDS-4251](#)]

Allow display name configuration of Container-specific Data Object attribute "Visible".

9.3.3 Container CodeVariants [[ADDS-7082](#)]

Issues related to the editing of CodeVariants within a Container based on Container editing rights fixed.

9.3.4 ADD MDX Axis Sequence [[ADDS-6802](#)]

Issue related to the export of a non-deterministic sequence of Axis elements to MDX fixed.

9.3.5 Prj-DS Affirmation & Lock [[ADDS-6656](#)]

Issues related to allowance of confirmation for unlocked Project DataSpace values fixed.

9.3.6 Fixed DO Limits [[ADDS-5902](#)]

Issues related to the change of Limits of DataObjects with Status "fixed" fixed.

9.3.7 Struct-Member Mem. Region [[ADDS-7162](#)]

Issues related to the erroneous setting of Mem. Region values within DDS after importing ADD Structure Objects fixed.

9.3.8 Prj-Version Folder Assignment [[ADDS-6799](#)]

Issue related to the erroneous assignment of additional Project Version to an already used Project Folder fixed.

9.3.9 Struct Limit Window [[ADDS-6646](#)]

Omit pop up the Limit Adjustment window for Structures.

9.3.10 INPUT/OUTPUT BitCarrier [[ADDS-6596](#)]

Issues related to the crash of ADD when adding Bits to a BitCarrier with Classification INPUT and OUTPUT within the same Container fixed.

9.3.11 Dependent SC Reference Import [[ADDS-6582](#)]

Issues related to the import of referenced SystemConstants of Dependent SystemConstants fixed.

9.3.12 User Information Window Handling [[ADDS-6394](#)]

"User Information" window handling adapted in order to avoid performance impact.

9.3.13 Dependent SC Category [[ADDS-5178](#)]

Set Category attribute of Dependent SystemConstants always to "Adjustable".

9.3.14 ADD Role/Right Migration [[ADDS-6604](#)]

ADD Role/Right database statements has been removed from ADD Migration script "ADD_ORA_Manipulation.sql" and outsourced to a separate SQL script.

9.3.15 Prj/ConfPack-SC Crash [[ADDS-6278](#)]

Issues related to the sporadic ADD crashes when changing Projects/Configuraion Packages selection with an open SystemConstant tab.

9.3.16 Bit and Unit [[ADDS-7213](#)]

Issues related to the change of BitCarrier-Unit when changing the Unit of a newly created Bit fixed.

9.3.17 ADD Import MDX [[ADDS-6699](#)]

Issues related to the setting of CsAdp CustomTag Attribute "Proposal_Supplier" during ADD MDX import fixed.

9.3.18 DO-Version CT History [[ADDS-6460](#)]

Issues related to the missing History logging of Data Object Versions when changing CustomTags fixed.

9.4 ADDAdapter

9.4.1 ADDAdapter Offline [[ADDS-7263](#)]

Issues related to the handling of more than one Data Object created not within ADD Online fixed.

9.5 DDX HighLevel

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10 What's new in Version V11.1.R7?

10.1 Highlights

10.2 New Features, Major Improvements

10.3 Minor Improvements / Correction of Bugs

10.3.1 DO LOCAL Limits [[ADDS-7248](#)]

Issues related to the change of limits of Online Data Objects of Classification LOCAL fixed.

10.3.2 ADD CusServ [[ADDS-7233](#)]

Issues related to a deadlock when creating Data Object versions based on the ADDCusServ check fixed.

10.4 ADDAdapter

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10.5 DDX HighLevel

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11 What's new in Version V11.1.R6?

11.1 Highlights

11.2 New Features, Major Improvements

11.3 Minor Improvements / Correction of Bugs

11.3.1 Project Check [[ADDS-7132](#)]

Issues related to the crash of ADD during check of projects fixed.

11.3.2 Container CodeVariants [[ADDS-7082](#)]

Issues related to the editing of CodeVariants within a Container based on Container editing rights fixed.

11.4 ADDAdapter

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11.5 DDX HighLevel

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12 What's new in Version V11.1.R5?

12.1 Highlights

12.2 New Features, Major Improvements

12.3 Minor Improvements / Correction of Bugs

12.3.1 BitCarrier/Bits Inconsistency [[ADDS-6610](#)]

Issues related to inconsistencies between BitCarrier and Bits fixed.

12.3.2 VDM & DB Replication [[ADDS-6764](#)]

Issues related to the usage of the new Visual Data Modeller on replicated ORACLE database fixed.

12.3.3 DO CsAdp-CT [[ADDS-6744](#)]

Issues related to the loss of CsAdp-CustomTag information after using the TakeOver on Data Object Revisions fixed.

12.3.4 Conf. Pack & Dependent SC [[ADDS-6726](#)]

Issues related to CodeVariant parsing error for Configuration Packages fixed.

12.3.5 BusAdp/CsAdp CSV Export [[ADDS-6717](#)]

Issues related to the CSV export of CustomTag information for special Container BusAdp/CsAdp fixed.

12.3.6 Multi-Selection Lock & User Rights [[ADDS-6620](#)]

Issues related to insufficient ADD User Rights for action "Lock"/"Unlock" on multi-selected DataObjects fixed.

12.4 ADDAdapter

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12.5 DDX HighLevel

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13 What's new in Version V11.1.R4?

13.1 Highlights

13.1.1 Conf. Pack Performance [[ADDS-6681](#)]

General performance improvement for Configuration Package when changing the Status

13.2 New Features, Major Improvements

13.3 Minor Improvements / Correction of Bugs

13.3.1 Conf. Pack SC-TakeOver [[ADDS-6669](#)]

Issues related to the erroneous take over of SystemConstant values fixed.

13.3.2 BitCarrier isOwner [[ADDS-6597](#)]

Issues related to the setting of attribute "isOwner" for Online-BitCarrier elements fixed.

13.4 ADDAdapter

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13.5 DDX HighLevel

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14 What's new in Version V11.1.R2?

14.1 Highlights

14.1.1 Conf. Pack TakeOver Performance [[ADDS-6550](#)]

General performance enhancement regarding the take over mechanism of Configuration Packages.

14.2 New Features, Major Improvements

14.2.1 Conf. Pack TakeOver [[ADDS-6439](#)]

General handling improvement for Configuration Package - TakeOver dialog.

14.2.2 Project Check DS Config [[ADDS-6515](#)]

List unconfirmed Data Space values within Project Check.

14.2.3 Conf.Pack/Project Status Change [[ADDS-6506](#)]

Issues related to the change of status for Projects containing un-configured SC/DS- Conf. Pack values fixed.

14.2.4 ADDOffline isOwner Context [[ADDS-6470](#)]

Issues related to the Data Object specific setting of attribute "isOwner" within ADDOffline fixed.

14.2.5 Conf. Package TakeOver [[ADDS-6462](#)]

Issues related to invalid content within the TakeOver dialog of Configuration Packages fixed.

14.2.6 Project Check Nr. 1 CsAdp [[ADDS-6459](#)]

Issues related to the check for different Data Object versions within a Project when referencing special Container CsAdp fixed.

14.2.7 Conf. Pack TakeOver [[ADDS-6447](#)]

Crash related to the take over of unconfirmed Configuration Package values fixed.

14.3 Minor Improvements / Correction of Bugs

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14.4 ADDAdapter

14.4.1 JAVA Adapter Compatibility [[ADDS-6486](#)]

Artificial reset of JAVA ADDAdapter interface compatibility to 10.3! Use with Caution!

14.5 DDX HighLevel

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15 What's new in Version V11.1.R0?

15.1 Highlights

15.1.1 ADD TreeView Quick Selection [[ADDS-6284](#)]

Always jump to the next main element when using quick selection via key entry within the ADD Main-Object treeview.

15.1.2 Conf. Pack Handling [[ADDS-5326](#)]

General improvements and changes in order to enhance Configuration Packages TakeOver.

15.1.3 Multi-Selection Handling [[ADDS-5587](#)]

General enhancement of multi-selection function for Data Objects.

15.1.4 ADDOffline Delete DO [[ADDS-5271](#)]

Allow final deletion of Data Objects within ADD Offline.

15.1.5 BusAdp DO Ref.-Search [[ADDS-4574](#)]

Show Data Object reference information also for special Container BusAdp.

15.1.6 Prj./Conf. Pack/Comp/Container TakeOver [[ADDS-4030](#)]

List previous element versions of also within TakeOver section.

15.1.7 Obsolete DO Container Status [[ADDS-3926](#)]

Allow restricted status change for Container containing "obsolete" Data Objects.

15.1.8 ADD TreeView Quick Selection [[ADDS-3004](#)]

General enhancement for "Quick Selection" feature within ADD TreeViews

15.1.9 DDX Backward Compatibility [[ADDS-2382](#)]

Allow usage of ADD Offline databases (*.ddx) with a higher version in ADD Offline; Transform *.ddx files in different schema versions.

15.1.10 Project DataVariant Check [[ADDS-3130](#)]

Allow manual check for DataVariants within a Project.

15.1.11 DO Search Dialog [[ADDS-1885](#)]

Allow full screen mode for dialog "Search For Data Objects"

15.1.12 Container Check Enhancement [[ADDS-1254](#)]

Check Container content for invalid settings (CodeVariant, Visibility) within references of Data Objects .

15.1.13 Copy Project Content [[ADDS-762](#)]

"Select/Deselect All" - context menu entry (or Ctrl-A) added to dialog "Import Project Content"

15.1.14 Project Check Info [\[ADDS-735\]](#)

Show further information about a specific Project Check via button (tooltip).

15.1.15 DO Comparison [\[ADDS-198\]](#)

Allow comparison of all Data Object version; allow Data Object comparison from within "Search for Data Objects" dialog.

15.2 New Features, Major Improvements**15.2.1 DO Name Copy [\[ADDS-3906\]](#)**

Enable name storage of selected Data Objects via context menu or shortcut (CTRL-C) to the clipboard.

15.2.2 Search DO nv-RAM [\[ADDS-5261\]](#)

Allow filtering of attribute "nv-RAM" for Data Object Search.

15.2.3 ADD MDX Export [\[ADDS-5172\]](#)

Export Data Object attribute "Visible" to *.mdx.

15.2.4 Container Version-Overview Handling [\[ADDS-6286\]](#)

Open Container via mouse double click instead of selecting Container in treeview (action available via mouse context menu).

15.2.5 BusAdp File Import [\[ADDS-5301\]](#)

Support import of "Local Interconnect Network" (LIN) files (*.idf) for BusAdp.

15.2.6 Project Variant Versionlabel [\[ADDS-5279\]](#)

Allow setting of Release\Revision label also for newly created Project Variants.

15.2.7 Projekt/Conf. Pack/Composition Lifecycle [\[ADDS-5254\]](#)

Allow creation of Releases/Revisions of "draft" Projects/Configuration Packages/Compositions.

15.2.8 Obsolete DO Lifecycle [\[ADDS-5085\]](#)

Allow creation of new Releases\Revisions for Data Objects in status "obsolete".

15.2.9 Project-Compare & Compositions [\[ADDS-4696\]](#)

Ignore Composition structure during Project comparison.

15.2.10 ADD & MDX [\[ADDS-4662\]](#)

Enhanced handling of MDX content in order to use *.mdx-files as supplier exchange format.

15.2.11 Multiple BitCarrier Links [\[ADDS-4654\]](#)

Allow the usage of the same BitCarrier-Version as Output and Input.

15.2.12 Project References Handling [\[ADDS-2981\]](#)

Force confirmation when deleting an ADD element (Container, Composition, Conf. Pack) referenced in an ADD Project.

15.2.13 CT Multiselection [\[ADDS-2976\]](#)

Allow multi selection for Custom Tag objects.

15.2.14 Prj.-Check & Customer DO-Versions [\[ADDS-2842\]](#)

Ignore version differences for Customer Data Objects (CsAdp, BusAdp) within Project Check Nr. 1 for version label "Release" (depending on the applied Custom Tags).

15.3 Minor Improvements / Correction of Bugs

15.3.1 Sync. DO Diff [\[ADDS-6327\]](#)

Issues related to the pre-selection of irrelevant Data Object versions within the difference dialog during ADD Offline Sync process fixed.

15.3.2 Obsolete DO Table-View [\[ADDS-6347\]](#)

Issues related to missing "obsolete" Data Objects within the table view list fixed

15.3.3 Embedded Axis Handling [\[ADDS-6098\]](#)

Issues related the deletion of Embedded Axes from Maps/Curves fixed.

15.3.4 Imported Actions [\[ADDS-5733\]](#)

Issues related to the usage of foreign ACTIONS within a Container fixed.

15.3.5 ADD SW-Services Import [\[ADDS-5732\]](#)

Issues related to the loss of information during ADD SW-Services-Import fixed.

15.3.6 Project Import VarSel [\[ADDS-6301\]](#)

Issue related to the import of Variant Selectors via Project Data Variant tab fixed.

15.3.7 Project DS Performance [\[ADDS-6253\]](#)

General performance improvement for Data Space configuration apply.

15.3.8 ADD Offline MDX-Export [\[ADDS-6194\]](#)

Issues related to the crash of ADD Offline during MDX-Export fixed.

15.3.9 CIL Mapping Raster [\[ADDS-6113\]](#)

Issues related to the deletion of CIL Mapping objects with referenced "Raster" objects fixed.

15.3.10 Embedded Axis Handling [\[ADDS-6099\]](#)

Issues related to the deletion and recreation of embedded Axis fixed.

15.3.11 CIL Connection Deletion [\[ADDS-6097\]](#)

Issues related to the deletion of multiple CIL Connections via mouse context menu fixed.

15.3.12 Expand/Collapse Shortcut [\[ADDS-6095\]](#)

Allow usage of expand/collapse short-cut buttons "+"/"-" also for Num-Block keys.

15.3.13 CIL Container Sync [\[ADDS-6049\]](#)

Issues related to exceptions during CIL Container synchronization via ADD Offline fixed.

15.3.14 CodeVariant SystemConstant Sync [\[ADDS-6045\]](#)

Issues related to the synchronization of SystemConstants used in CodeVariant definitions fixed.

15.3.15 Offline Import DataVariant [[ADDS-5944](#)]

Issues related to the loss of the DataVariant information via "Import Project Offline Content" function fixed.

15.3.16 DO ENUM Assignment [[ADDS-5907](#)]

Issues related to the assignment of ENUM BaseTypes via search function fixed.

15.3.17 Logical Bits & Tasks [[ADDS-5891](#)]

Issues related to problems during the change of Container Status to "fixed" when "Tasks" attribute is activated and Logical Bits are within the Container fixed.

15.3.18 Axis "Visible" [[ADDS-5840](#)]

Issues related to the de-selection of attribute "Visible" for Data Objects of type "Axis" during type change fixed.

15.3.19 SW Conversion Statistic View [[ADDS-5827](#)]

Issues related to the display of a non-associated statistic view element for Software Datatype Conversions fixed.

15.3.20 Prj/Cnt Lib-Freeze Check [[ADDS-5800](#)]

Restrict Lib-Freeze check to the current object.

15.3.21 DO with Fixed ENUM [[ADDS-5791](#)]

Issues related to creation, change or copy of a Data Object referencing a "fixed" ENUM fixed.

15.3.22 Favourite Container Name Check [[ADDS-5749](#)]

Issues related to the check of valid Container names within the Favourite View fixed.

15.3.23 ADD MDX-Export [[ADDS-5736](#)]

Issues related to the export of decimal value for attribute "INTERNAL-CONSTRS" instead of hex values fixed.

15.3.24 Logical Bit Handling [[ADDS-5701](#)]

Issues related to invalid differences of Logical Bit Versions fixed.

15.3.25 Template Multi-Selection Assignment [[ADDS-5651](#)]

Allow Data Object Template assignment via multi selection.

15.3.26 Folder View Composition Sync [[ADDS-5636](#)]

Issues related to the synchronization of Compositions missing within the Folder View fixed.

15.3.27 Dependent SC [[ADDS-5622](#)]

Several issues related to Dependent SystemConstants fixed.

15.3.28 Dep.-SC Version Change [[ADDS-5621](#)]

Allow to change referenced SC revisions in the condition of a Dependent SystemConstant revision.

15.3.29 DB-Replication Performance [[ADDS-5264](#)]

Issues related to the lack of performance during Data Object apply using an ADD database replica fixed.

15.3.30 Special Container Task Handling [[ADDS-5262](#)]

Omit assignment of attribute "Task" for special Container BusAdp, CsAdp, VarCod and SysDefConf.

15.3.31 Supplier Interface CTs [\[ADDS-4912\]](#)

Show CustomTag information of Data Objects referenced in special Container CsAdp/BusAdp within Project Tab "Supplier Interface".

15.3.32 Sim-Fixed Container & CTs [\[ADDS-4695\]](#)

Don't allow changing of CustomTags within Container with status "simfixed".

15.3.33 ADD ML Interface Performance [\[ADDS-4539\]](#)

General performance improvement.

15.3.34 Structure Init-Value UI [\[ADDS-3792\]](#)

Allow usage of number pad for Structure Init-Value settings.

15.3.35 ADD User Definition [\[ADDS-3546\]](#)

Issues related to the creation of ADD Users with identical Login Names fixed.

15.3.36 Duplicate Variant Criterion Value [\[ADDS-861\]](#)

Issues related to assignment of duplicate Variant Criterion values fixed.

15.3.37 LogicalBits C-Volatile [\[ADDS-3911\]](#)

Issues related to the C-Volatile setting of Logical Bit Data Objects fixed.

15.3.38 Logical Bits IsOwner [\[ADDS-6410\]](#)

Issues related to the setting of attribute "isOwner" of Logical Bit Data Objects fixed.

15.4 ADDAdapter

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15.5 DDX HighLevel

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16 No longer supported features

17 Questions?

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

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