

Automotive Data Dictionary

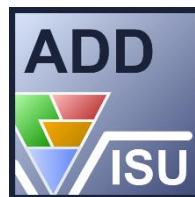
What's new in Version 14.3.R0?

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1 Purpose and scope

This document describes the improvements and changes of ADD V14.3 compared to V14.2

2 What's new in Version V14.3.R0?

2.1 Highlights

2.1.1 Show Cmp Scope Refs [[ADDS-12100](#)]

Allow usage of Composition Scope within the ADD "Show References" Dialogue.

2.1.2 Struct SC-Refs [[ADDS-14366](#)]

Allow the usage of SystemConstant References for Struct Objects.

2.1.3 CIL Container Runnabels [[ADDS-13944](#)]

Introducing Runnables Feature for ADD special Container of type CIL.

2.1.4 New VIT Name-Checker "NCheck" [[ADDS-13859](#)]

Introducing the new redesigned and refactored Visu-IT Name-Checker "NCheck".

2.1.5 New VDM Cross Reference [[ADDS-14265](#)]

Introducing the "Cross Reference View" for the new VDM.

2.1.6 SC Init-Values [[ADDS-13872](#)]

Support of SystemConstant as Init-Values.

2.2 New Features, Major Improvements

2.2.1 Last CR [[ADDS-12105](#)]

Allow quick re-usage of the last used ChangeRequest for an ADD object.

2.3 Minor Improvements / Correction of Bugs

2.3.1 LOCAL DOs in Composition [[ADDS-13683](#)]

Issues related to a faulty check result of LOCAL DataObjects within a Composition fixed.

2.3.2 Runnable DataAcces Change [[ADDS-14514](#)]

Issues related to an error when changing the DataAccess of an existing Runnable fixed.

2.3.3 Prj/ConfPack Ref-Check [[ADDS-14379](#)]

Issues related to a misleading references check result message for Projects and Conf. Packages fixed.

2.3.4 ADDOffline x86 Installation [[ADDS-14140](#)]

Issues related to an error when trying to install ADDOffline x86 on a 32bit OS fixed.

2.3.5 Cmp Interface Local [\[ADDS-13693\]](#)

Issues related to a reset of the Composition Interface Classification fixed.

2.3.6 Replace DO Refs [\[ADDS-13691\]](#)

Issues related to an abortive "Replace Dataobject in all references" process run fixed.

2.3.7 CR Cmp Sync [\[ADDS-13374\]](#)

Issues related to an abortive Composition Sync process run when using ChangeRequest Feature fixed.

2.3.8 ADDOffline CIL Connection Remark [\[ADDS-9289\]](#)

Issues related to the missing Remark of CIL Connection elements during DDX Export in ADDOffline fixed.

2.3.9 ADD Offline Sync Error [\[ADDS-14541\]](#)

Issues related to an error of the ADD Offline Sync with activated PACES feature fixed.

2.3.10 ArraySize SC- StringConversion (Optional) [\[ADDS-14069\]](#)

Allow the usage of SystemConstant with STRING Conversions as ArraySize references.

2.4 ADDAdapter

-

2.5 DDX HighLevel

-

3 What's new in Version V14.2.R5?

3.1 Highlights

-

3.2 New Features, Major Improvements

3.2.1 Optional RAM Struct Init-Value [[ADDS-14414](#)]

Allow optional setting of Init - Values for RAM Structures.

3.3 Minor Improvements / Correction of Bugs

3.3.1 Multi Select Delete DOs [[ADDS-14530](#)]

Performance issues related to the deletion DataObjects via Multi - Selection fixed.

3.3.2 LOCAL DOs in Composition [[ADDS-13683](#)]

Issues related to a faulty check result of LOCAL DataObjects within a Composition fixed.

3.4 ADDAdapter

-

3.5 DDX HighLevel

-

4 What's new in Version V14.2.R4?

4.1 Highlights

-

4.2 New Features, Major Improvements

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4.3 Minor Improvements / Correction of Bugs

4.3.1 CIL Container Prj Ref [[ADDS-14201](#)]

Issues related to losing CIL Container references within a Project when using PACES in ADD fixed.

4.3.2 CIL Container Prj Variant [[ADDS-14371](#)]

Issues related to a PACES error when creating a new Variant of Project containing a CIL Container.

4.3.3 Multiple DO Name Search [[ADDS-14277](#)]

Issues related to an erroneous evaluation of a comma separated Data Object Name list within the DO Search Dialogue when using the "Automatically with Like" option fixed.

4.3.4 Supplier Interface Search [[ADDS-14285](#)]

Issues related to exceptions in ADD when using the "Search for Supplier Interface References" feature on Projects fixed.

4.4 ADDAdapter

-

4.5 DDX HighLevel

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5 What's new in Version V14.2.R2?

5.1 Highlights

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5.2 New Features, Major Improvements

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5.3 Minor Improvements / Correction of Bugs

5.3.1 ADD-PACES Handling [[ADDS-13980](#)]

Issues related to an error when creating a new Composition and an unstable PACES Connection fixed.

5.3.2 STD/FIX-Map Sync [[ADDS-13992](#)]

Issues related to an erroneous ADDOffline Sync process run of STD/FIX -Maps/Curves fixed.

5.3.3 ADDSync Optional MaxRef/AccFreq [[ADDS-12400](#)]

Issues related to the consideration of the deactivated attributes MaxRefresh/AccessFrequency during the ADD Offline Sync process fixed.

5.3.4 BusAdp Snapshot Handling [[ADDS-14020](#)]

Issues related to an erroneous check and reference-information display for BusAdps based on a Snapshot fixed.

5.3.5 BusAdp Supplier-Interface [[ADDS-14071](#)]

Issues related to erroneously missing elements in the Supplier-Interface of a Project containing a BusAdp fixed.

5.3.6 BusAdp Prj Scope Ref Search [[ADDS-14073](#)]

Issues related to an Out-Of-Memory exception and an erroneous representation of active DataObjects during the Reference Search in the Project Scope for BusAdp Container fixed.

5.4 ADDAdapter

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5.5 DDX HighLevel

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6 What's new in Version V14.2.R0?

6.1 Highlights

6.1.1 DB Maintenance [[ADDS-13154](#)]

Introducing the Database Maintenance management mode in ADD in order to lock the database and inform all clients prior to the migration of database to a newer version.

6.1.2 AUTOSAR SequenceNeed Support [[ADDS-12067](#)]

Introducing AUTOSAR feature "SequenceNeed" in order to allow the scheduling of "Runnables" in ADD.

6.1.3 CMP++ Action Support [[ADDS-12744](#)]

Support ADD Action objects as Composition++ Interface elements.

6.1.4 Optional Struct Online Init-Value [[ADDS-12740](#)]

Allow optional setting of Structure Online Init - Values.

6.1.5 CIL Connection Search [[ADDS-11508](#)]

Search and add CIL Connection elements from the database including Source & Target DataObjects.

6.1.6 New VDM BusAdp Support [[ADDS-11233](#)]

Introducing new Visual Data Modeler (VDM NEW) in ADD; support of special Container BusAdp.

6.1.7 BusAdp Defintion Import [[ADDS-8383](#)]

Import and handle Conversion, Limits and Physical Units of BusAdp Signals.

6.1.8 CIL Container MDX Export (Optional) [[ADDS-12068](#)]

Allow MDX Export of CIL Container information in ADD.

6.2 New Features, Major Improvements

6.2.1 DO NameChecker LongName (Optional) [[ADDS-13152](#)]

Confirmation to overwrite an existing DataObject LongName with the appropriate NameChecker LongName added.

6.2.2 Cmp++ Interface Attribute (Optional) [[ADDS-13150](#)]

General adaption regarding restrictions to change attributes of a Composition++ Interface element.

6.2.3 AccessMode Queued Value (Optional) [[ADDS-12742](#)]

New value "Queued" added to attribute "AccessMode".

6.2.4 User Information Display (Optional) [[ADDS-12106](#)]

Customize display of User Name Information (Login, User Name, eMail).

6.2.5 Cmp TakeOver [\[ADDS-12103\]](#)

Confirmation to overwrite a Composition reference with a different Composition version removed.

6.2.6 Basic DS Project Resolution [\[ADDS-11570\]](#)

Consider and display CodeVariant & CodeSharing condition settings of Basic DataSpaces elements within the appropriate Project tab.

6.2.7 Lib Freeze Check (Optional) [\[ADDS-12849\]](#)

Do not list inactive elements within the Project "Lib Freeze Check".

6.2.8 ADD DB Reconnect [\[ADDS-12799\]](#)

Reconnect mechanism enhanced in order to detect a locked database or changed credentials during process run.

6.2.9 Prj Input/Local Check [\[ADDS-2998\]](#)

Introducing new Project Check "Input/Local".

6.3 Minor Improvements / Correction of Bugs

6.3.1 ADD GUI Sync Button [\[ADDS-12488\]](#)

Legacy ADD Synchronization Button removed from ADD Offline GUI.

6.3.2 DO Keyword Search [\[ADDS-12315\]](#)

Allow options "Automatically With Like" and "Match Case" also in case of comma separated keyword search for DataObjects.

6.3.3 CNT Check 6 Name (Optional) [\[ADDS-6258\]](#)

Adjust Container Check No. 6 based on the AccessFreq/Taks feature.

6.3.4 ADD Offline Cmp++ Info [\[ADDS-13733\]](#)

Issues related to a non loadable DDX file containing Composition++ CustomTags of type INFO in ADDOffline fixed.

6.3.5 DO/ENUM State Change [\[ADDS-13590\]](#)

Issues related to ENUM Status error when changing the Status of referenced DataObject fixed; mandatory change of Status for a referenced ENUM element removed.

6.3.6 CMP++ Interface View (Optional) [\[ADDS-13501\]](#)

Default filter settings for Composition++ Interface elements of classification INPUT changed.

6.3.7 ADD UI GridSplitter [\[ADDS-13392\]](#)

Issues related to a crash of ADD when using the splitter control in ADD User Interface (e.g. expand width of the Treeview section) fixed.

6.3.8 Action Reorder [\[ADDS-13679\]](#)

Issues related to erroneous reorder mechanism for Action Parameters fixed.

6.3.9 Struct Container Check [\[ADDS-13622\]](#)

Issues related to an exception when running the Check on a Container containing Struct Instances fixed.

6.3.10 VITNameBuilder Name Rebuild [\[ADDS-13544\]](#)

Issues related to an erroneous rebuild of a given DataObject name via VITNameBuilder/Checker fixed.

6.3.11 ADD GUI Settings [\[ADDS-13494\]](#)

Issues related to missing ADD User Interface data settings within the Windows Registry fixed.

6.3.12 ConsistencyGroup RAM Struct [\[ADDS-13492\]](#)

Issues related to a non-assignable ConsistencyGroup for Structs of Memory Type RAM fixed.

6.3.13 Table View Filter [\[ADDS-13301\]](#)

Issues related to an erroneous display of the active column filter setting fixed.

6.3.14 STD Axis MDX Export [\[ADDS-13156\]](#)

Issues related to an erroneous Category value for STD Axis within the ADD MDX Export fixed.

6.3.15 CsAdp DDX-Export [\[ADDS-12750\]](#)

Issues related to an invalid DDX export of the special Container CsAdp fixed.

6.3.16 Prj Supplier Interface Export [\[ADDS-12703\]](#)

Issues related to a partial Container information within the Project Supplier Interface export file fixed.

6.3.17 ADDOffline DO Rename [\[ADDS-12701\]](#)

Issues related to non-functional rename process of a DataObject in ADDOffline fixed.

6.3.18 ADD ProcessLocal Control [\[ADDS-11839\]](#)

Issues related to the erroneously active ADD GUI control "ProcessLocal" fixed.

6.3.19 ADDOffline CIL Connection Remark [\[ADDS-9289\]](#)

Issues related to the missing Remark of CIL Connection elements during DDX Export in ADDOffline fixed.

6.3.20 ADD GUI DPI [\[ADDS-13785\]](#)

Issues related to a crash of ADD when opening the DO Search window using Windows DPI setting greater than 100% fixed.

6.3.21 ADD Menu Item Handling [\[ADDS-13951\]](#)

Issues related to an insufficient performance of the ADD Menu item display within an ADD Container fixed.

6.4 ADDAdapter

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6.5 DDX HighLevel

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7 What's new in Version V14.1.R2?

7.1 Highlights

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7.2 New Features, Major Improvements

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7.3 Minor Improvements / Correction of Bugs

7.3.1 Axis Online-Ref TakeOver [[ADDS-13457](#)]

Issues related to a non-adapted Unit for Onlines used as Axis references fixed.

7.3.2 Composition Interface [[ADDS-13579](#)]

Issues related to an erroneous listing of Elements for Composition Interface fixed.

7.3.3 Compositon Check Window Size [[ADDS-13586](#)]

Issues related to a crash of ADD when downsizing the Composition Check window fixed.

7.3.4 ADD Performance [[ADDS-13470](#)]

General enhancement of the ADD Performance.

7.4 ADDAdapter

7.4.1 ADDAdapter GetLimits [[ADDS-13478](#)]

Issues related to a "null" return when using GetLimits for LOCAL Onlines and EmbeddedAxis DataObjects fixed.

7.5 DDX HighLevel

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8 What's new in Version V14.1.R1?

8.1 Highlights

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8.2 New Features, Major Improvements

8.2.1 CMP Interface Inheritance (Optional) [[ADDS-9920](#)]

Allow inheritance of Composition Interface settings in superordinate Compositions.

8.3 Minor Improvements / Correction of Bugs

8.3.1 DO TableView Role Assignment [[ADDS-13286](#)]

Issues related to a crash of ADD when trying to assign Roles to the current ADD User within the DO TableView fixed.

8.3.2 DO TableView DataTypeByUnit Filter [[ADDS-13282](#)]

Issues related to invalid DataType proposals when when manipulating attribute SWDataType via DO TableView and activated ADD Feature "EnhanceBaseDataTypeByUnit" fixed.

8.3.3 DO TableView Status Fixed (Optional) [[ADDS-13411](#)]

Issues related to errors during the change of Status for DataObjects within the DO TableView fixed.

8.3.4 Special Characteristics Ref [[ADDS-13406](#)]

Issues related to a non-functional reference listing of Data Objects link within the Special Characteristic Calibration control fixed.

8.4 ADDAdapter

8.4.1 ADDAdapter JAVA Instance [[ADDS-13365](#)]

Issues related to a class error when trying to create an instance of the JAVA ADDAdapter object fixed.

8.5 DDX HighLevel

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9 What's new in Version V14.1.R0?

9.1 Highlights

9.1.1 STRING Conversion Import/Export [[ADDS-12066](#)]

Import/Export STRING Conversion values from/as *.xlsx.

9.1.2 Calib Special Characteristics [[ADDS-12030](#)]

Introducing new attribute Special Characteristics for Calibration Data within the Container context..

9.1.3 AUTOSAR Client-Server SystemEvents [[ADDS-11675](#)]

Introducing AUTOSAR Client-Server-SystemEvents concept to ADD.

9.1.4 DO ListView Handling [[ADDS-11278](#)]

Allow attribute manipulation within the ADD DataObject ListView control.

9.1.5 Struct Init Data Import/Export [[ADDS-12107](#)]

Allow the import/export of Initial Data for DataObjects of type StructureInstance.

9.2 New Features, Major Improvements

9.2.1 List-View Multi-Selection [[ADDS-12242](#)]

Allow editing via multi-selection within the ADD DataObject ListView control.

9.2.2 CMP++ Interface Info [[ADDS-12102](#)]

General enhancement of the Composition++ handling in order to enrich the information regarding the Interface elements.

9.2.3 ADD Unit Quick Selection [[ADDS-12072](#)]

General enhancement for "Quick Selection" feature within ADD Unit Combobox.

9.3 Minor Improvements / Correction of Bugs

9.3.1 BusAdp Import (Optional) [[ADDS-12328](#)]

General enhancement of the BusAdp import in ADD.

9.3.2 BusAdp Version Handling [[ADDS-12327](#)]

Allow creation of version branches for special Container BusAdp.

9.3.3 Missing Ref Check Log-Level [[ADDS-11945](#)]

New log-level "Warning" added to Project/Container - Check "References Check".

9.3.4 DO Limit Handling (Optional) [[ADDS-11906](#)]

General enhancement of the handling for DataObject attribute "Limit".

9.4 Blocker and Critical Bugs

9.4.1 Composition Local Check [[ADDS-12857](#)]

Issues related to an erroneous check result for out-dated Composition Local Data Objects fixed.

9.4.2 Prj Check 8 SC Memory [[ADDS-12779](#)]

Issues related to an invalid result of Project Check No. 8 for SystemConstants formerly contained within a referenced ConfPackage fixed.

9.4.3 ImpADD [[ADDS-12515](#)]

Bugfix - Duplicate MaxRefresh entities are reused correctly when the option UseMaxRefresh4OnlineUpdate is activated.

9.4.4 Obsolete Connection Handling [[ADDS-12472](#)]

Issues related to the handling of "Obsolete" CIL Connection objects fixed.

9.4.5 Composition Interface Classification [[ADDS-12446](#)]

Issues related to an erroneous Classification setting for Composition Interface elements using Composition Interface Default configuration fixed.

9.4.6 Oracle FetchSize OOM [[ADDS-12243](#)]

Issues related to an Out-of-Memory exception in ADD when using Oracle Client feature FetchSize fixed.

9.4.7 Environment Variable [[ADDS-13063](#)]

Suffix "." removed from system environment variable "ADDOFFLINE_PATH".

9.4.8 Whitespace Difference [[ADDS-12868](#)]

Display white-space differences of String values within the ADD Differences window.

9.4.9 CV Sync Handling [[ADDS-12734](#)]

Conflict handling of DataObjects/MappingObjects with CodeVariante settings during ADD Offline Sync process enhanced.

9.4.10 ADD Timeout [[ADDS-12695](#)]

Issues related to a crash of ADD when trying to close the process after a ADD/DB timeout fixed.

9.4.11 InitValues Struct-STD-Map [[ADDS-12667](#)]

Issues related to non-applied Initial Values for Struct members of Typ STD-Map fixed.

9.4.12 Get All StructType [[ADDS-12601](#)]

Issue related to a crash of ADD when using the "Get All" functionality within the Struct Type Management - search window fixed.

9.4.13 Control Layout [[ADDS-12572](#)]

Issues related to an erroneous displaying of control elements within the ADD Container content window fixed.

9.4.14 Copy/Paste CT Control [\[ADDS-12423\]](#)

Issues related to copy/paste problems within the ADD CustomTag control fixed.

9.4.15 LibFreeze Memory [\[ADDS-12273\]](#)

Issues related to the storage of LibFreeze information after changing the Project status to "fixed"/"simfixed" fixed.

9.4.16 CV ADDOffline Sync [\[ADDS-12164\]](#)

Issues related a non apply-able CodeVariante Take-Over during ADDOffline Sync fixed.

9.4.17 CV ADDOffline Conversion Sync [\[ADDS-11917\]](#)

Issues related to an error during ADDOffline Sync when synchronizing Conversion with Remark differences fixed.

9.4.18 Conversion Catalogue Res/Offset Filter [\[ADDS-11701\]](#)

Issues related to an invalid Resolution/Offset filter result for Conversion when using ADD Conversion Catalogue feature fixed.

9.4.19 BusAdp MDX Limits [\[ADDS-11614\]](#)

Always export the full range Limit values for BusAdp DataObjects within the MDX export.

9.4.20 CMP+ + Empty Interface [\[ADDS-11339\]](#)

Issue related to an empty interface list for Composition+ + elements with non-Draft status fixed.

9.4.21 State Change Responsible Info [\[ADDS-11334\]](#)

Issues related to displaying of a non related ADD User as element Responsible within the ADD State Change Info windows fixed.

9.4.22 Prj-Context Ref Info [\[ADDS-10981\]](#)

Issues related to an erroneous style display of Project Interface elements within the ADD Reference window fixed.

9.4.23 System Culture Errors [\[ADDS-11430\]](#)

Issues related to errors/crashes when using ADD on an OS with culture setting Turkish fixed.

9.4.24 ADDOffline Uninstall Shortcut [\[ADDS-10291\]](#)

Issues related to still existing ADDOffline Desktop/Start Menu shortcuts after uninstalling ADDOffline fixed.

9.4.25 Prj Check Missing CT [\[ADDS-12063\]](#)

Issues related to erroneous listing of DataObjects with missing CustomTags in Project Check No. 2 & 3 of CsAdp interface elements fixed.

9.4.26 Case-Sensitive CT Name [\[ADDS-13208\]](#)

Issues related to a crash of ADD when working with a database containing multiple CustomTags differing in case-sensitive names only fixed.

9.4.27 Buggy Snapshot CsAdp [[ADDS-13234](#)]

Issues related to an incorrect configuration of the CsAdp - CustomTags in status "Buggy" compared to the snapshot - view of the appropriate CsAdp Version fixed.

9.4.28 ADD User Search [[ADDS-13251](#)]

Issues related to an empty result list when searching for an ADD User (e.g. within DO Cleanup) with ADD User Group feature activated fixed.

9.5 ADDAdapter

9.5.1 ADDAdapter GetLimits [[ADDS-12724](#)]

Issues related to a "null" return when using GetLimits for CIL Mapping Connections having "LOCAL" Source/Target references fixed.

9.6 DDX HighLevel

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10 What's new in Version V13.3.R6?

10.1 Highlights

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10.2 New Features, Major Improvements

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10.3 Minor Improvements / Correction of Bugs

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10.4 ADDAdapter

10.4.1 ADDAdapter GetLimits [[ADDS-13478](#)]

Issues related to a "null" return when using GetLimits for LOCAL Onlines and EmbeddedAxis DataObjects fixed.

10.5 DDX HighLevel

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11 What's new in Version V13.3.R5?

11.1 Highlights

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11.2 New Features, Major Improvements

11.3 Minor Improvements / Correction of Bugs

11.3.1 Remove Own Lock [[ADDS-5302](#)]

Allow every ADD User to remove own the lock of an element regardless of the Role/Right settings.

11.4 ADDAdapter

11.4.1 ADDAdapter JAVA Instance [[ADDS-13365](#)]

Issues related to a class error when trying to create an instance of the JAVA ADDAdapter object fixed.

11.5 DDX HighLevel

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12 What's new in Version V13.3.R4?

12.1 Highlights

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12.2 New Features, Major Improvements

12.3 Minor Improvements / Correction of Bugs

12.3.1 DataVariant Handling [[ADDS-12918](#)]

General enhancement and bugfix of ADD Project settings "DataVariant".

12.4 ADDAdapter

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12.5 DDX HighLevel

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13 What's new in Version V13.3.R3?

13.1 Highlights

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13.2 New Features, Major Improvements

13.3 Minor Improvements / Correction of Bugs

13.3.1 Fixed Connection Manipulation [[ADDS-12623](#)]

Issues related to changing of Source/Target references of "fixed" CIL Mapping objects fixed.

13.4 ADDAdapter

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13.5 DDX HighLevel

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14 What's new in Version V13.3.R2?

14.1 Highlights

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14.2 New Features, Major Improvements

14.3 Minor Improvements / Correction of Bugs

14.3.1 Group Lock [[ADDS-12623](#)]

Issues related to an invalid handling of the Lock mechanism when using ADD Groups fixed.

14.3.2 ADD PACES Interaction [[ADDS-12552](#)]

General improvement of the ADD-PACES connection and interaction.

14.4 ADDAdapter

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14.5 DDX HighLevel

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15 What's new in Version V13.3.R1?

15.1 Highlights

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15.2 New Features, Major Improvements

15.2.1 Structs & CIL Mapping (Optional) [[ADDS-12463](#)]

Allow usage of Structure instances within a CIL Container.

15.3 Minor Improvements / Correction of Bugs

15.3.1 Struct MDX - Export [[ADDS-12477](#)]

Issues related to not supported cascading Struct structures and STD/FIX Axis for Structs in ADD MDX Export fixed.

15.3.2 Client/Server Window [[ADDS-12403](#)]

Issues related to representation problems of the Client Server Interface Management window fixed.

15.3.3 Composition Interface Classification [[ADDS-12446](#)]

Issues related to an erroneous Classification setting for Composition Interface elements using Composition Interface Default configuration fixed.

15.3.4 CIL Connection Sync [[ADDS-12544](#)]

Issues related to an error when trying to create a new CIL Connection version during ADDOffline Sync fixed.

15.4 ADDAdapter

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15.5 DDX HighLevel

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16 What's new in Version V13.3.R0?

16.1 Highlights

16.1.1 DO CT Bulk Change (Optional) [[ADDS-11359](#)]

Allow bulk change of DataObject CustomTags within a Container.

16.1.2 Context Specific DO Replacement [[ADDS-11358](#)]

Allow the replacement, addition and deletion of multiple DataObjects within a Container/Composition.

16.1.3 DataVariant/VariantSelector Excel Export [[ADDS-11180](#)]

Excel export of Project DataVariant & VariantSelector configuration added.

16.1.4 DataVariant Project Resolution [[ADDS-11179](#)]

Consider and display CodeVariant condition settings of DataVariants within a Project.

16.1.5 Composition Draft Handling [[ADDS-10886](#)]

Allow the multiple reference of a Container within a "draft" Composition in order to ease the Composition handling during development. Additional checks at status changes ensure consistent references for non-"draft" Compositions.

16.1.6 AUTOSAR Client-Server Interface [[ADDS-11574](#)]

Introducing AUTOSAR Client-Server-Interface concept to ADD.

16.2 New Features, Major Improvements

16.2.1 ADD History Switch (Optional) [[ADDS-12284](#)]

Allow switching between ADD legacy DataObject/Container-History - view and the new database based History - View feature.

16.2.2 BusAdp SEND & RECEIVE Signals [[ADDS-11265](#)]

BusAdp import adapted in order to handle also BusAdp Signal objects used with SEND & RECEIVE direction simultaneously.

16.2.3 BusAdp Import CT Handling (Optional) [[ADDS-12064](#)]

Keep previous BusAdp CustomTag setting "Proposal OEM" when removing of BusAdp Signal during BusAdp Import.

16.2.4 MaxRefresh Binding (Optional) [[ADDS-11853](#)]

Allow binding of Data Object/Container attribute MaxRefresh to Data Object/Container attribute AccessFrequency

16.2.5 Float Conversion Restriction (Optional) [[ADDS-11298](#)]

Restrict DataObjects with BaseType "Float" to 1to1-Conversions.

16.2.6 Sub-ECU Assignment [[ADDS-11321](#)]

Allow the usage of a Sub-ECU within multiple ECUs.

16.2.7 Prj Check 8 Performance [[ADDS-12427](#)]

General performance enhancement of Project Check No 8 (Composition Local Check).

16.3 Minor Improvements / Correction of Bugs

16.3.1 DataVariant Project Resolution [[ADDS-11179](#)]

Consider and display CodeVariant condition settings of DataVariants within a Project.

16.3.2 Struct Support [[ADDS-11038](#)]

General enhancement of the ADD Struct feature in order to ensure the usage in different ADD modes; MATLAB Service support.

16.3.3 CIL Container Support [[ADDS-10073](#)]

General enhancement of the ADD CIL Container feature in order to ensure the usage in different ADD modes.

16.3.4 Lock & Group Responsible [[ADDS-12306](#)]

Harmonize ADD Group Responsible and Lock feature.

16.3.5 Group Responsible Handling [[ADDS-11370](#)]

General enhancement of ADD Group Responsible feature.

16.3.6 VDM Excel Export [[ADDS-7525](#)]

General enhancement of the VDM Excel export.

16.3.7 Bulk BusAdp Import [[ADDS-12259](#)]

Issues related to an error when importing multiple *.dbc - files at once fixed.

16.3.8 Supplier Interface Snapshot CsAdp [[ADDS-12254](#)]

Issues related to an erroneous Project Supplier Interface when using CsAdp - Snapshot fixed.

16.3.9 ADDCusServ Feature [[ADDS-12163](#)]

Issues related to the non functioning ADDCusServ feature in ADD fixed.

16.3.10 CsAdp MDX Export [[ADDS-12046](#)]

Issues related to an ADD exception when exporting a CsAdp Container with a non numerical IssueNumber to MDX fixed.

16.3.11 Buggy Snapshot CsAdp [[ADDS-12002](#)]

Issues related to an incorrect configuration of the CsAdp - CustomTags in status "Buggy" compared to the snapshot - view of the appropriate CsAdp Version fixed.

16.3.12 Inverse Container Open [\[ADDS-11996\]](#)

Issues related to the non responsive "Open Container" button within the Project Reference tab when using the Inverse Version TreeView fixed.

16.3.13 Fixed Container Content [\[ADDS-11513\]](#)

Issues related to the change of DataObject references within a "fixed" Container fixed.

16.3.14 ADDOffline Sync & PACES [\[ADDS-11408\]](#)

Issues related to an ADDOffline exception when trying to synchronize data with activated PACES feature fixed.

16.3.15 ADDOffline Conversion Catalogue [\[ADDS-10410\]](#)

Issues related to the creation of a DDX containing conflicting Conversion Catalogue information for a Conversion fixed.

16.3.16 MO/DO CV Diff [\[ADDS-12269\]](#)

Issues related to misleading difference information for CIL MappingObjects/DataObjects referenced in a CodeVariant fixed.

16.3.17 Snapshot CsAdp CT Delete [\[ADDS-12255\]](#)

Issues related to an error when deleting multiple CsAdp-CustomTags within a CsAdp Snapshot fixed.

16.3.18 ADDOffline Environment Variable [\[ADDS-12249\]](#)

Issues related to an erroneous setting of the System Environment Variable "FUNDOC_PATH" instead of "ADDOFFLINE_PATH" during installation fixed.

16.3.19 CMP CV Check [\[ADDS-12222\]](#)

Consider CodeVariants in Composition Check No. 4 (Multiple Definitions).

16.3.20 CMP Bulk Fix [\[ADDS-12108\]](#)

Issues related to an erroneous check result when changing the status of a Composition for referenced Container fixed.

16.3.21 New Version References [\[ADDS-11994\]](#)

Issues related to an empty "New Versions" column within the Composition/Conf. Package/Project Reference tab when using Container "Folder View" feature fixed.

16.3.22 ADD PACES Handling [\[ADDS-11797\]](#)

Issues related to an ADD crash when closing ADD application with an active PACES link fixed.

16.3.23 Import MDX String Representation [\[ADDS-11676\]](#)

Issues related to an erroneous string representation of a CustomTag description when importing the CIL Connection information of a MDX file into ADD fixed.

16.3.24 CsAdp/BusAdp Supplier Config [\[ADDS-11299\]](#)

Issues related to an incorrect Supplier Interface Config value within the "Search for Supplier Interface Ref" - window fixed.

16.3.25 Mem. Region Setting [\[ADDS-11097\]](#)

Issues related to invalid auto Memory Region settings for Data Objects in ADD fixed.

16.3.26 Conversion Control Display [\[ADDS-10137\]](#)

Use dynamic width for ADD Conversion ComboBox control within the DO Definition tab in order to display Conversion with long names.

16.3.27 Online Ref Task [\[ADDS-9921\]](#)

Issues related to the take over of the Task attribute for Axis - Online References fixed.

16.3.28 TreeView Handling [\[ADDS-11821\]](#)

General enhancement of the ADD TreeView controll in order to increase the usability.

16.3.29 PACES CsAdp Status [\[ADDS-12389\]](#)

Issues related to a PACES error when changing the Status of special Container CsAdp fixed.

16.3.30 CIL Mapping CT [\[ADDS-12406\]](#)

Issues related to a non-editable CIL Connection CustomTags fixed.

16.3.31 CIL Mapping CT [\[ADDS-12406\]](#)

Issues related to a non-editable CIL Connection CustomTags fixed.

16.3.32 CT Clone&Add [\[ADDS-12406\]](#)

Issues related to a non-editable CustomTag attribute after using Clone & Add function on a DataObject fixed.

16.4 ADDAdapter

16.4.1 ADDAdapter Limit SCs [\[ADDS-11688\]](#)

Support reading of DataObject SystemConstant - Limit references via ADDAdapter (JAVA/.NET).

16.5 DDX HighLevel

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17 No longer supported features

18 Questions?

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

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