

Automotive Data Dictionary

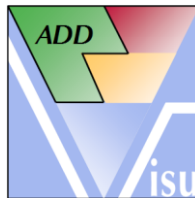
What's new in Version 9.1.R0?

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1 Purpose and scope

This document describes the improvements and changes of ADD V9.1 compared to V8.3

2 What's new in Version V9.1.R0?

2.1 Highlights

2.1.1 Favorit Lists [ADDS-727]

Add elements Projects/Conf.Package/Compositons and Container to a favorit list; enable/disable favorite view

2.1.2 New Version Digit [ADDS-648]

New version digit "Line" for Projects/Conf.Packages/Compositons and Container added

2.1.3 ADD Offline Editor SystemConstants [ADDS-190]

ADD Offline Editor is now able to list the project SystemConstant values

2.2 New Features, Major Improvements

2.2.1 ReferencedBy Tab [ADDS-202]

"Referenced By" tab added for Project/Conf.Packages/Compositions and Container; Content can be exported into a *.csv file

2.2.2 TakeOver References [ADDS-690]

"TakeOver" mechanism for all "References" - tabs added

2.2.3 Multi Selection Handling [ADDS-748]

"Yes to all" functionality added in case of changed made via multi selection feature

2.2.4 ADD Online Connection Check [ADDS-1299]

New feature added in order to check database connection status; reconnect without ADD restart possible

2.2.5 Compare Container Information[ADDS-749]

Compare also Container specific information during Container compare

2.2.6 Project Variant [ADDS-760]

Create new project variants also based on a "draft" project

2.2.7 Project Tabs Handling [ADDS-983]

Column filter mechanism for Project tabs ("SystemConstants", "Data Space", etc) added.

2.2.8 Project Check [ADDS-737]

Multiple definition check is now able to detect classification mismatch for "INPUT" and "LOCAL" relations

2.2.9 Import Project Content [ADDS-1242]

It's now possible to import the interface configuration settings of another Project

2.2.10 ADD Offline Multi Selection Delete [ADDS-1430]

Erroneous deletion via multi selection in ADD Offline Editor fixed

2.2.11 Special Container "BusAdp" Handling [ADDS-1719]

- In order to set status to "simulation fixed"/"fixed" all containing Data Objects must have at least status "simulation fixed" respectively "fixed"
- Don't allow project - specific configuration setting "Both" for BusAdp-Input Data Objects
- Consider "Platform" setting during container check.
- "ReferencedBy" fixed
- "Send Direction" context menu fixed

2.2.12 Composition/Container Reference Check [ADDS-1649]

Erroneous check for already existing Composition/Container references within any other Project/Composition fixed

2.2.13 EEPROM Handling

- Allow using of "Fixed System Constant"-Data Objects in order to specify EEPROM array size [[ADDS-1622](#)]
- Allow using of EEPROM Data Objects as "Online" - references. Similar to a Data Object of type "Online" [[ADDS-1643](#)]
- Allow Project status change even if EEPROM values not set. Warning will be emitted [[ADDS-1623](#)]
- Allow "Code Variant" setting for all EEPROM Data Object versions [[ADDS-1619](#)]

2.2.14 Optional Features

2.2.14.1 Check Minimum Version Restriction (Optional) [ADDS-752]

For Data Object type "Online" only! During "Release"/"Revision" - creation ADD will check the minimal necessary version restriction for the current Data Object changes.

2.2.14.2 Data Object Version Handling (Optional) [ADDS-1425]

Open "Show References" dialog for the previous Data Object after creating a new Data Object version

2.2.14.3 Default "Rep-Model" Selection (Optional) [ADDS-1667]

Enable/Disable automated default value selection for attribute "Rep-Model"

2.2.14.4 New Status Buggy/Undefined (Optional) [ADDS-718]

New Status "Buggy"/"Undefined" for Projects/Conf.Packages/Compositions and Containers available

2.2.14.5 CIL Mapping Handling (Optional) [ADDS-883]

Support "Bit in Byte"-concept and "Array" attribute for CIL Mapping Objects

2.2.14.6 CIL Mapping Object Handling (Optional) [ADDS-881]

Support multiple Mapping Object versions

2.2.14.7 CIL Mapping Object Handling (Optional) [ADDS-1366]

Erroneous "LongName" check fixed

2.3 Minor Improvements / Correction of Bugs

2.3.1 "Created By" Attribute [ADDS-761]

Text of attribute "Created By" has been changed to "Responsible"

2.3.2 Remark Attribute [ADDS-722]

Changing of "Remark" attribute for Projects/Conf.Packages/Compositions and Container is limited by the status any more

2.3.3 "Reference"-Tab Handling [ADDS-1703]

"Docu State" information added; Switch between tree view and list view added

2.3.4 DiagIdx Visible-Flag [ADDS-226]

In some cases the "Visible" attribute setting of "DiagIdx"- data objects has not been set to the predefined ADD configuration file value.

2.3.5 Extended Compare Result [ADDS-1375]

Extended information about differences between Containers/Compositions/Projects and Data Objects will be exported

2.3.6 BusAdp Import *.fibex [ADDS-1775]

Only "INCLUDED-SIGNALS" from "COMPLETE-PDU" have been evaluated, yet. In case of a non-existing "COMPLETE-PDU" also "INCLUDED-SIGNALS" will read from "INCLUDED-PDUS".

2.3.7 Erroneous "Rep-Model"-Value [ADDS-1829]

Attribute "Rep-Model" has been erroneously changed during creation of a new data object (DO) and also created a misleading "Save" confirmation.

2.3.8 Inherited Project Interface Settings [ADDS-1148]

Erroneously preserved Project Interface settings fixed

2.3.9 Init-Value Import/Export [ADDS-1737]

Rework feature based on DCM specification for format 1.x & 2.x from 2007

2.3.10 Multi-Selection SW-DataType Assignment [ADDS-1500]

Erroneous assignments of SW attribute "Unit" during multi selection changing fixed

2.3.11 Set Responsibility-Attribute [ADDS-1843]

Role "FP-Admin" is now able to set "Responsibility" attribute for "Function Packages" ("Compositions"); Role "KP-Admin" is now able to set "Responsibility" attribute for "Configuration Packages".

2.3.12 "License Table" View [ADDS-1699]

License table for ADD-SQL-Databases fixed

2.3.13 Optional Features

2.3.13.1 SW-Net Handling (Optional) [ADDS-1114]

General improvements and bug fixes for feature SW-Net/SW-Mapping

2.3.13.2 ADD Offline Enum-Types [ADDS-1837]

Enum-Types have been erroneously listed within the "Conversion" list combo box when using the ADD Offline Editor.

2.3.13.3 Draft-Based-On-Fixed Limits (Optional) [ADDS-1501]

Omit changes for attribute "Limits" in case of "Draft-Based-On-Fixed" Data Objects of type "Online", "OnlineWriteOnly" & "EEPROM"

2.3.13.4 Draft-Based-On-Fixed Obsolete Conversion (Optional) [ADDS-1497]

Keep "obsolete" Conversions in case of "Draft-Based-On-Fixed" Data Object.

2.3.13.5 Name Builder [ADDS-1750]

On the second run of the VITNameBuilder/VITNameChecker for an already created Data Object a duplicated name will be displayed and used for the name check

2.4 ADDAdapter

2.4.1 ADDAdapter (Optional)[ADDS-883]

Support "Bit in Byte"-concept and "Array" attribute for CIL Mapping Objects

2.4.2 ADDAdapter [ADDS-208]

New Method added in order to get project specific values

2.4.3 ADDAdapter [ADDS-1439]

New method added in order to read folder structure from Projects

2.5 DDX HighLevel

2.5.1 DDXHighLevel[ADDS-1432]

Methods added in order to set attributes "Variant", "Version" & "Revision"

2.5.2 DDXHighLevel [ADDS-1426]

Default "Customer" can be set and will be taken into account for each Data Object and Container

2.5.3 DDXHighLevel [ADDS-1677]

Omit writing of empty "Description" & "Code-Comment" - tags in *.ddx – file

2.5.4 DDXHighLevel [ADDS-1679]

Set "Customer" method added

2.5.5 DDXHighLevel [ADDS-1400]

Set default value "1" for newly created "TimePeriod" objects

3 What's new in Version V8.3.R0?

3.1 Highlights

3.1.1 EEPROM Data Objects [\[ADD5-731\]](#)

A new data object type "EEPROM" (Electrically Erasable Programmable Read-Only Memory) has been added. Data Objects of this type act like Onlines but will be handled in a special memory sections. Memory usage of EEPROM data objects will be displayed and adjusted in project context. It will be ensured that the memory layout will not be changed between different project versions.

3.2 New Features, Major Improvements

3.2.1 Composition/Container Name [\[ADD5-152\]](#)

Allow composition & container names ending with a digit.

3.2.2 Optional Features

3.2.2.1 Initial Value Files [\[ADD5-150\]](#)

An import/export for initial values file is possible. At this the following file formats are supported: *.cvx (Calibration Values Exchange Format), *.dcm (Data Conservation Management Format), *.cdf (Calibration Data Format)

3.2.2.2 Logical Bit Handling [\[ADD5-153\]](#)

Enable insertion of logical bits as Input/Output data object; add bit carrier automatically.

3.2.2.3 Logical Bit Reference

Insert logical bits separately into foreign bit carrier. [\[ADD5-161\]](#)

Reference logical bits within a bit carrier of classification "Input" separately. [\[ADD5-160\]](#)

3.2.2.4 Logical Bit Settings [\[ADD5-161\]](#)

Prevent automatic assignment of "logical bit" - attributes based on the "bit carrier" settings.

3.2.2.5 Fix Access Frequency [\[ADD5-162\]](#)

Fix data object attribute "Access Frequency" for data objects with status "fixed"

3.2.2.6 BusAdp ECU Relation [\[ADD5-730\]](#)

Predefine ECU and Sub-ECU relation for "BusAdp" - Import via ADD configuration file.

3.3 Minor Improvements / Correction of Bugs

3.3.1 Swap Bit Position [\[ADDs-1191\]](#)

Swap of a "Logical Bit" from a higher to a lower bit position leads to an ADD error.

3.3.2 SystemConstant Project Context [\[ADDs-1073\]](#)

Project related 'System Constant' values have been used for display and calculation even if project context is no longer active. At this 'Dependent – System Constant' values have been calculated with wrong values.

3.3.3 Project/Conf. Pack Variant [\[ADDs-760\]](#)

Create new conf. pack/project variants also based on a "draft" conf. pack/project.

3.3.4 CsAdp Custom Tag [\[ADDs-880\]](#)

Omit evaluation and interpretation of version entries. E.g. string "3.0" has been converted to string "3".

3.3.5 Remark Attribute [\[ADDs-1100\]](#)

Maximum numbers of characters for attribute 'Remark' set to 2000.

3.3.6 Logical Bit Search [\[ADDs-161\]](#)

Show bit carrier of logical bits in search dialog.

3.3.7 DiagIdx Visible-Flag [\[ADDs-226\]](#)

In some cases the "Visible" attribute setting of "DiagIdx"- data objects has not been set to the predefined ADD configuration file value.

3.3.8 TakeOver Attributes Functionality [\[ADDs-1109\]](#)

Setting of derived attribute values via ADD 'TakeOver' functionality during status changes overwrites SW Data Type values without confirmation. 'TakeOver' functionality will no longer overwrite SW Data Type attributes with explicit settings.

3.3.9 Optional Features

3.3.9.1 Axis Visible Flag [\[ADDs-154\]](#)

Disable axis attribute "Visible" in GUI.

3.4 ADDAdapter

3.4.1 Java SLF Logger [\[ADDs-767\]](#)

Use log framework SLF (<http://www.slf4j.org>) for continuous function logging.

3.4.2 Composition Interface [\[ADDs-229\]](#)

Method to get "CompositionInterfaceDataObjects" / "CompositionInterfaceDataObjectIDs" from a CompositionObject added.

3.5 DDX HighLevel

3.5.1 Remark Attribute [\[ADDS-1246\]](#)

Now it's possible to set remarks on data objects, container, composition and projects. Furthermore it's possible to set remarks on composite data types also.

4 What's new in Version V8.3.R50?

4.1 Highlights

4.1.1 Project/Composition Sync: [\[ADDS-1138\]](#)

Synchronization of projects and compositions is possible. Project/Composition content will be considered.

4.2 New Features, Major Improvements

4.2.1 ENUM-Type

Attribute "Status" has been added. Re-use of enumerator vaules is possible and status "draft"/"fixed" will be considered for edit. [\[ADDS-594\]](#)

Search for ENUM-Type elements can now also be done via enumerator values. [\[ADDS-1142\]](#)

4.2.2 Offline Sync

It is now possible to synchronize Data Object attribute "Status". [\[ADDS-1140\]](#)

New synchronization action added in order to handle update of database Data Objects with status "draft". [\[ADDS-1437\]](#)

Automated behavior for synchronization actions can be defined with ADDConfig.xml. [\[ADDS-1437\]](#)

4.2.3 Sync. Report [\[ADDS-1139\]](#)

Detailed synchronization report, including synchronization actions, will be generated as *.csv – file.

4.3 Minor Improvements / Correction of Bugs

4.3.1 Project Compare [\[ADDS-1438\]](#)

Container information for Data Objects will now be displayed in Project Compare result.

4.3.2 DDX Export [\[ADDS-1529\]](#)

Export Container CodeVariants into DDX even for DOs without CIL-Mapping references.

4.3.3 Synchronize “Company” attribute

Corrected Company attribute handling in Offline Mode and Sync.

4.3.4 Compare CustomTag of Type “DO_EXT”

Improved Custom tag compare (DDX object has a new CT (no DO_EXT) and DB object not).

4.3.5 Container Synchronization

Corrected Container lock handling during Sync process.

4.4 ADDAdapter

-

4.5 DDX HighLevel

-

5 What's new in Version V8.3.R51?

5.1 Highlights

5.2 New Features, Major Improvements

5.2.1 User Management SD_Admin/User

In ADD v8.2 the role "SD_Admin" & "SD_User" were able to create and edit own and foreign Composition-elements.

Since ADD v8.3 the role "FP_Admin" is able to create and edit own and foreign Composition-elements, only.

Role "FP_User" is just able to edit its own Composition-elements but not able to create new ones.

In order to work with Compositions the one of the appropriate roles must be assigned.

5.3 Minor Improvements / Correction of Bugs

5.3.1 ADD Offline CustomTag Synchronization

Omit synchronization of multiple references of the same CustomTag to one Data Object.

5.4 ADDAdapter

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5.5 DDX HighLevel

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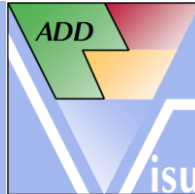
6 No longer supported features

7 Questions?

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

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ADD Product page

Internet: <http://www.visu-it.de/add>