

Automotive Data Dictionary

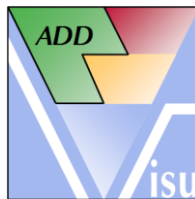
What's new in Version 5.1?

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1 Purpose and scope

This document describes the improvements and changes of ADD V5.1 compared to V5.0.

2 What's new in Version V5.1?

2.1 Highlights

2.1.1 Data Space

Table and maps can now be configured as data space definitions. This allows defining different axis sizes for multiple engine states.

- Currently the Offline Mode is not supported.
- The axis size is not displayed for a table or map with an active data space configuration in the axis list view, but the text "DS".

2.1.2 Container in Container

The new view 'Composition' in the Project / Container Management allows the grouping of container to a functional unit. Such units can then be referenced from a project.

2.2 New Features, Major Improvements

2.2.1 Copy Container / Composition / Project

The new menu entry "Create Copy..." in the context specific menu creates an exact copy (clone) of the selected Container / Composition / Project under a new name.

2.2.2 Limits and Axis Size DO version specific

The limits of data objects except online variables are now stored data object version specific for new data objects or new data object versions. Also the axis size when directly defined by a number is handled data object version specific.

2.2.3 Project Check

- Changing the project state is no longer possible for failed checks 1 and 4 (the Continue button is no longer displayed), except for an activated Super User mode.
- New References Check: Check for all active maps if the referenced axes and online variables are also active (not switched off by a Code Variant).

2.2.4 Container Check

The container check is now also performed when changing the container state to 'simulation fixed' or 'fixed'. In case of found errors the state will not be changed. Additionally a list of newer data object releases / revisions available is displayed.

2.2.5 Migrate Sync

- When already existing output or local data objects in state 'draft' are synchronized which are referenced by a different container, messages and user confirmation dialogs are displayed whether to update the existing 'draft' object, to use the data base object or to stop and compare the objects.
- When an Input data object with an array size is synchronized which is already defined in the database, the array size is no longer changed to the input size, but remains as set in the database. Only for Output data objects the Offline values are set.
- When the container to synchronize already exists the container selection is displayed nevertheless, except the exact database version identifier is available and the target container is draft.

2.2.6 ADD Offline

- When calling ADD Offline with a given data object name and a DDX file with more than one container a new algorithm is implemented to identify the right container to open. When this is not possible a container selection is displayed to select and open the container manually.
- Replacing the axis references of a table or map with different axis objects having the same axis size works now.

2.3 Minor Improvements / Correction of Bugs

2.3.1 Super User

The setting 'SuperUserMode' in ADD Offline will be saved and restored after a new start of ADD.

2.3.2 Compare Project

The project comparison shows now also the version information of the different container.

2.3.3 Compare Container

The container comparison shows now also different Code Variant definitions.

2.3.4 Array Size for Table and Map

It is no longer possible to specify an array size for a table or map definition.

2.3.5 Table Check

A check is included in the Sync process and in the container check to detect tables with more than one axis.

2.3.6 SW-Datatype Axis / Online

When an axis is set to 'simulation fixed' the SW-Datatype of an attached online variable is no longer automatically set also for the axis. In this case a user selection dialog is shown with the tree actions replace, leave or cancel.

2.3.7 Container State

It is no longer possible to create a new data object release or revision in a 'simulationfixed' or 'fixed' container.

2.3.8 System Constants

The type of a System Constant (fixed / normal) can only be changed in a draft release, the value of a 'normal' System Constant also in a draft revision.

2.3.9 Project System Constants

The System Constants referenced in the CsAdp will no longer be displayed in the System Constants tab page of a project.

2.3.10 Custom Tags

The automatic creation process of custom tags when a project is moved to a folder or when a CsAdp container is added to a project in a folder is switched off.

2.3.11 Name Checker

When the Name Checker is not available, no new data object can be saved and an error message is displayed.

2.3.12 Sorting Order

The Browser view for the container of type CsAdp and SysDefConf is now sorted by type, name and also version.

2.4 No longer supported features

2.4.1 Individual Axes

The simple individual axis flag in the Offline Mode is no longer supported (superseded by STD and FIX axis objects).

3 Questions?

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

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