Visual Information Technologies GmbH
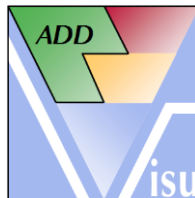
Automotive Data Dictionary

What's new in Version 8.2.R0?

July 2nd 2012

ADD Contact
email: add@visu-it.de
Internet: http://www.visu-it.de/add

Contents

1   Purpose and scope

This document describes the improvements and changes of ADD V8.2.R0 compared to V8.1.R0

2   What's new in Version V8.2.R0?

2.1   Highlights

2.1.1   Configuration Packages

The new ADD objects "Configuration Packages" offer the possibility to preconfigure container and compositions, that is, specify values for System Constants and Data Space values. Later on these Packages can be used in Projects to deliver a kind of default for the project configuration.

2.2 New Features, Major Improvements

2.2.1 Variant Coding

2.2.1.1 Virtual Variant Selectors

Based on two Variant Selectors a Virtual Variant Selector can be created. This allows removing some of the not valid combinations of the criterions when using multiple selectors.

2.2.1.2 Import of Data Variants

When importing the Data Variants of a source project to the target, a selection of the Data Variants is offered now.

2.2.1.3 Update of Data Variant Versions

When a container version in a project is replaced by a newer version referencing also newer versions of Data Variant objects, an automatic update mechanism is included to refresh the Data Variant page of the selected project.

2.2.1.4 Data Variant Improvements

Data Variant objects can be added to a project without an immediate selector assignment. Later on using multi selection it is possible to assign the same variant selector(s) to all selected Data Variants. The assignment of variant selectors is now implemented in a separate dialog.

2.2.1.5 Variant Selector Definition

When creating a variant selector in the VarCod container an optional default value can be assigned for every criterion. When using later on the selector at project level the default value is displayed in the Variant Selector Configuration page as value and can be used immediately.

2.2.2 Status-Driven Lib-Documentation

On container level the documentation state can be specified to include or exclude a container from the Library Documentation in FunDoc.

2.2.3 Optional Features

2.2.3.1 ADD Link to Change Management

At project, composition, container and data object level a list of change requests with links to the Change Request Management system can be defined. This information is also relevant for the container and project compare and the export functions.

2.2.3.2 Enhanced Reporting

The Project comparison result can be saved also in XML format. Additional information exported is e.g. the Change Requests defined at different data object versions.

2.3 Minor Improvements / Correction of Bugs

2.3.1 Synchronize Multiple Container

The shortcut Ctrl-A can be used to select all container in the list at once. A click at one checkbox selects / deselects afterwards all container.

2.3.2 Clone and Add

The Clone and Add function works now also for Input data objects. The new object is created as Output.

2.3.3 Change Data Object Type

When a data object is in state 'Draft' and is not referenced by other data objects, the type can be changed (e.g. Online to Parameter). This is not possible for bit or bit carrier objects.

2.3.4 Project Interface

When replacing a container or composition in a project with a newer version the project interface configuration (excluding data objects from the interface) will be kept now for the same data object versions.

2.3.5 Project Comparison

The project comparison of the project interface handles now also the interface configuration (excluded data objects) correctly.

2.3.6 Fixed Type System Constant

The state of the "Fixed Type" for System Constants can be displayed wrong in the UI when a Dependent SC is selected before. This change was also saved for Draft objects. This behavior is fixed now.

2.3.7 Bus Signal Mapping

The Bus Signal mapping feature is improved now (e.g. wrong bus name of export file).

2.3.8 Support of Smaller Displays

The Search Data Object dialog is modified to support also smaller display resolutions (tab control for additional search options).

2.3.9 Deletion of Axes in Container Revisions

A user with the roles FE-User and SW-User can no longer delete STD- or FIX-axes references of a table or map in a container revision (creation is and was not possible). This could lead to invalid objects in former versions.

2.3.10 Data Object and Container Name

Creating a data object with the same name as the container in the Browser view is no possible.

2.3.11 Bit Carrier and Locking

It is no longer possible to add a logical bit to a bit carrier without locking the bit carrier.

2.3.12 New Data Object Defaults

The defaults for a specific base type are now applied for new data objects also when the data object was created with this base type (before a change of the base type was necessary).

2.3.13 Optional Features

2.3.13.1 Check of Composition Interfaces

The Project Check is enhanced to check if data objects marked as 'Local' in a referenced composition are used outside the composition. A check entry is created in this case.

2.3.13.2 Change Conversions

As long as a linear or rational conversion is in state 'Draft' and is not referenced by data objects, changing the conversion is possible now.

2.3.13.3 Volatile / Non Volatile

The Search Data Objects dialog is enhanced by an additional search option (Misc tab, option nv-RAM). This attribute is also displayed in the Print output of the Search Dialog.

2.3.13.4 Copy Custom Tags

Changes in Custom Tags are applied to all data objects having the same release number (e.g. all 1.x objects). This behavior is now optional.

2.4 ADDAdapter

2.4.1 Enhanced Support for Conversions

The interface for conversions is enhanced and offers now also the relevant attributes like the coefficients for a conversion of type Rational.

2.4.2 DDX Export for Compositions

The DDX Export for Compositions is corrected now.

2.4.3 Java SLF Logger

###MAVE

Visual Information Technologies GmbH

4 No longer supported features

4.1 Individual Axes

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

5 Questions?

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

ADD Hotline	ADD Contact	ADD Product page
Tel.: +49 (0)941 – 49082-16 email: add-hotline@visu-it.de	Tel.: +49 (0)9947 – 9040004 email: add@visu-it.de	Internet: http://www.visu-it.de/add