Automotive Data Dictionary
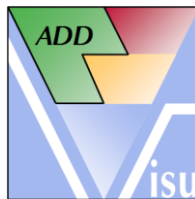
What's new in Version 3.5?

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Contents

1 Purpose and scope

This document describes the improvements and changes of ADD V3.5 compared to V3.4.

2 What's new in Version V3.5?

2.1 Highlights

2.1.1 Performance Improvements

The first step in improving the performance was made for expecially a few actions, open a container, commit (Apply) changes for an existing draft data object and search data objects.

2.1.2 Project View

The Project View in the Project and Container Management has been reworked. A new pane for editing the values of the System Constants used in the current project is available now.

2.1.3 Search Similar Data Objects

When saving a new data object the Search Similar DO By Name dialog is displayed, but only when there exists already data objects of the same type and a similar name (matching certain rules) in the database. This dialog can also be opened for new data objects by pressing the button near the Status combo box.
Hint: The database has to be prepared to support this feature.

2.1.4 Custom Tags

Custom Tags (e.g. ECU names) can be created in the Custom Tag Management dialog. These tags can then be selected for data objects of type "Online" in the Data Object Information page of the Dataobject Definition dialog and saved along with a description. The Search for Data Objects dialog offers the possibility to search for these tags and descriptions. These tags are not available in the Offline Mode.

2.1.5 Compare View for Container

In the Container Management dialog a compare view for two container can be opened by using the context sensitive menu in the Container View tree.

2.2 New Features, Major Improvements

2.2.1 Container Specific Values for Input Objects

When a container is opened from inside the project view, the container specific values like Access Frequency are displayed for Input data objects, that is, the values defined in the Output container for these data objects.

2.2.2 Change Status for Multiple Objects

In the ListView mode in the Dataobject Definition dialog multiple data objects can be selected in one list view (e.g. Output) to change the status at once for several objects.

2.2.3 Get Data Object from Another Container

To add an existing data object to a container a new dialog is available to select one or more data objects from a different container instead of using the Search dialog.

2.2.4   Display of State and User Hints

At the bottom of the Dataobject Definition dialog a red information box is displayed in case some useful information is available about the current state of the selected data object. An user hint to solve the situation is displayed also when reasonable.

2.2.5   Create new Data Object Release

For fixed data objects a new release can be created by a user with the role SW_Admin using the menu item "Create new Release". In this special case the SW data type can be changed to apply necessary changes.

2.3   Minor Improvements / Correction of Bugs

2.3.1   Change Responsible Improvement

Also simulation fixed container along with the data objects (except Input objects) can be assigned to a different user.

2.3.2   Default Attributes for Base Types (e.g. BOOLEAN)

For a base type (e.g. 'BOOLEAN') the default data type attributes Unit, Conversion and Formatsting can be predefined in the ADDConfig.xml file.

2.3.3   Change of SW Datatype for SimFixed Container

Changes of the SW datatype are only possible in a new draft Variant or Version or Revision of a simulation fixed container.

2.3.4   Use Different Data Object Revision

Using a different data object revision in a simulation fixed container is only possible in a new draft Variant, Version or Revision of the container.

2.3.5   Usage of a Different Font

To enable a better differentiation of the letters 'I' like "Ida" and small 'l' like "Ludwig" a different font is used for all controls containing text.

2.3.6   Allow Deletion of "obsolete" Data Objects

Now it is also possible to remove "obsolete" data objects from the database, not only "draft" ones.

2.3.7   Copy Name of Fixed or SimFixed Objects

The data object name can be copied independent of the status to the Windows clipboard.

2.3.8   Tab Order in Name Builder

The Tab-key order is improved in the VITNameBuilder dialog.

2.3.9   Add Axis Size Reference to Input

When selecting a data object as axis size reference, the data object will be added to the Input section of the container.

2.3.10 Remove References from Input

When removing a data object from a container the referenced data objects are removed also when not referenced (after a user confirmation).

2.3.11 Adjust Container Specific Values

The owner of a container with the role FE_User is now able to adjust the container specific values even for foreign data objects.

2.3.12 Column Order

The column order has been changed for all list views showing the attributes of a data object. The Long Name is now displayed before the Simulation Data Type.

2.3.13 Visible Flag Default

When inserting an existing data object using the Search functions the Visible flag is now set per default (exception: when replacing an existing data object the Visible flag is not changed).

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3   No longer supported features

4   Questions?

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

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