JetViewSoft

Version Update from V. 5.5.1 to V. 5.6.0

We automate your success

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1 New Features

Below, all features that are new in this version, as well as the enhancements are listed.

1.1 General Information

1.1.1 Compiler message in case of missing object names

ISO platform projects issue a warning at compile time if object names are missing.

1.1.2 Simulation also without frame

No Simulation can now be selected in the simulation selection box. This will not display a simulation frame while the simulation is running.

1.1.3 Sorting option for masks in the workspace

The masks can now be sorted by name and ObjectID in the Workspace window.

1.1.4 Tooltips in workspace and object pool were too large

Objects with dimensions larger than 250x250 pixels are displayed in a reduced size as tooltip.
For the VG platforms, the size reductions were calculated incorrectly.

1.2 Object pool

1.2.1 Copy & Paste in the object pool

It is now possible to copy objects directly in the object pool. Until now, this was only possible on a mask or in a library.

1.3 Objects

1.3.1 Setting the color for selected rows in list box

"Selection Color" can now be set in the Properties window.

1.3.2 Round corners in list box object

The ListBox object has been given the CornerDiameter property. This lets you configure list box objects with rounded corners. The feature is available on all VG platforms.

1.3.3 New object: ColourPalette

New object ColourPalette for ISO VT level 6 has been implemented.

1.3.4 The edit object with corner radius

A corner radius can now be configured for the Edit object.

1.3.5 The Edit object has been extended with Line and Fill Styles

From this version on, the parameterization of the background and the frame of an edit object is realized via assigned Line and Fill Style objects.

1.3.6 Vertical Alignment added to Edit String, and Edit Numeric

The Vertical Alignment property has been added to these objects.

1.3.7 Displaying SVG objects in disabled mode

SVG objects in the Disabled state are displayed with a transparency of 50%.

1.4 Visualization Library

1.4.1 New Visualisation_Library_4.0.0.7 for JetSym

In the new library, the grid control has been extended with functions that can be used to query and change properties of a specific cell using dot notation. In addition, the number of rows and columns can be changed and queried.

A specific cell is selected for all further commands with the *SetAccessibleCellData* command. Possible commands for this cell are:

- Set/GetGridCellType
- Set/GetGridCellIntValue
- Set/GetGridCellFloatValue
- Set/GetGridCellStringValue
- Set/GetGridCellListIndex
- Set/GetGridCellListIndex

SetAccessibleCellData lets you switch the currently valid cell.

It is also possible to change or query the number of columns or rows of the grid using the following commands:

- Set/GetRows
- Set/GetColumns

1.4.2 New STX functions and properties for the ListBox

The following properties and functions have been added to the ListBox object and can be queried and modified using STX dot notation:

ListItems: Reading and writing ListItems as string. The individual ListItems are separated with a line break ('$n'). Example: 'Item1$nItem2$nItem3' defines three ListBox items.
ListItemCount: Reading the number of ListItems of the int type.

New functions (the specification of positions within the item list is zero-based)
GetListItem(Idx:int): Reading a list element at position Idx, return type is string.
SetListItem(Idx:int, ItemText:string): Replacing/overwriting a list element at position Idx with the content of ItemText.
RemoveListItem(Idx:int): Removing an entry at position Idx.
InsertListItem((Idx:int, ItemText:string): Inserting a new ListItem with ItemText at position Idx.

1.4.3 Setting the focus to input object with MacroCommand and VisuCmd

This command gives focus to a specific object on the mask that has the specified tab index. The TabIndex must be greater than 0, otherwise the command does nothing.

By default, the objects have TabIndex = 0 and cannot get focus with this command.

1.4.4 Reading/changing needle position of MeterEx object using dot notation

With the MeterEx object, the position of the needle can now also be read out and changed using dot notation.

1.4.5 Transparency property for objects changed in Visualization Library

The **Transparency** property is no longer supported by the object directly, but managed via the transparency of the FillAttribute.

1.4.6 New VisuCommand for setting the user (and user level)

For the implementation of this feature, the Visualization Library was extended by the new commands LoginUser() and LogoutUser().

1.5 Library

1.5.1 Copying softkey masks via library

Softkey masks can be dragged and dropped into the library and a copy can be made.

2 Fixed Software Bugs

This chapter describes the software bugs which have been fixed in the new software release.

2.1 General Information

2.1.1 Clipboard was deleted

During a search in the object pool, pressing CTRL+F deleted the text from the clipboard. There was then no text available in the search dialog to paste into the search box.

2.1.2 Selection of objects in the ObjectPool

If the ObjectPool window was arranged on the left in the workspace and an object was selected, then the selection jumped down several lines when the shortcut menu was called.

2.1.3 Changing the name of a folder in the properties window

Renaming a folder in the properties window was not possible until now. The property **Name** for Folder has now been enabled which means that a change is now also possible in the properties window.

2.1.4 SearchObjectByName dialog did not activate the edit box

If the search dialog was opened via the key combination CTRL+F, then the box for the search text was not selected for direct input.

2.1.5 PostBuild and PostDeployment were executed twice

After a build operation, PostBuild was executed twice. After a deploy operation, PostDeployment was executed twice.

2.1.6 SVG and image list editing window

If the window for editing SVG and image lists was enlarged or reduced, the toolbar at the bottom disappeared. It was no longer possible to edit the list.

2.1.7 New objects were inserted in the wrong place in the object pool

If new objects were created in the object pool using **InsertNewObject** from the shortcut menu, then these were sometimes sorted incorrectly.

2.2 Objects

2.2.1 Incorrect display after inserting an object

If an object was dragged from the library onto a mask and the process was canceled by the user, the dashed rectangle remained. Scrolling or zooming removed it again.

2.2.2 Corner radius of the slider

The corner radius of the slider was drawn twice as large as set.

2.2.3 Corners of the slider at runtime

During runtime, round corners were not displayed on the slider.

2.2.4 Line height in Alarm control

If a larger font was selected in the Alarm control, then parts of the cell content were cut off. The Alarm control did not automatically adjust to the font size.

2.2.5 Rotation property of SVG image caused program crash

If the Rotation setting for an SVG object was set to a value other than 0, 90, 180 or 270, this caused the program to crash.

2.2.6 Data binding in grid object showed wrong registers

If a cell range was connected to a structure variable via an IO dynamic and an end point was used in the connection, then an incorrect assignment occurred at runtime.

2.2.7 ExternalObjectDefinition object was inserted automatically

This object is now inserted only when it is needed. Only if at least one object has been defined as *External Reference* .

2.2.8 Changing properties for multi-selected objects

Changing texts or text lists at the same time is now no longer offered for multiple selections, as this is not possible for technical reasons.

2.2.9 Image or SVG object was not copied locally

If an image or SVG file was inserted into a mask via drag & drop, then this file was not copied to a local project folder, despite activation in Tools/Options.

2.2.10 Inplace editing required additional mouse click to edit

If a text or a button was edited directly on the mask (inplace), then this was only possible with a second mouse click in the blue highlighted text.

2.2.11 Changing ellipses

Changing the position or size of a large ellipse could cause the size or position of the ellipse to change by 1 px.

2.2.12 Locked Property container object

The container object ignored the Locked property during the loading process.

2.2.13 Array variable had invalid property

An array variable may have the property Pointer only if all elements of the array are of type Integer or DWORD. Wrongly, an array variable always had the Pointer property.

2.3 Simulation

2.3.1 Simulation in full screen did not display masks completely

In projects with displays that had the same or higher resolution than the PC display, part of the mask was not displayed.

2.3.2 Simulation can now be started without frame

No Simulation can now be selected in the simulation selection box. As a result, no simulation frame is displayed when running the simulation.

2.4 Dynamization feature

2.4.1 Dynamic DynColorChange for VG object

So far, in the VG platform a DynColorChange dynamic did not work on an object that also had a DynBargraph dynamic.

2.4.2 Variable selection for dynamics Move, Scale and Rotation

For the dynamics Move, Scale and Rotation no Boolean variable could be selected.

2.5 Embedded Runtime

2.5.1 The Enter key in the JVER-STX Runtime triggered wrong softkey

If JVER-STX was executed on a PC, then an unintentional triggering of a soft key (F11) occurred when pressing the Enter key.

2.6 Runtime

2.6.1 The embedded runtime aligns multi-line text incorrectly

If a multi-line text was left-aligned, then the text was indented incorrectly starting from the second line.

2.7 Alarm service

2.7.1 Faulty variable assignment in AlarmService not detected

JetViewSoft did not detect if changes were made in a *.jde file and this resulted in invalid configurations in the AlarmService. Thus, a cause for the non-functioning of the AlarmService at runtime could not be detected. Now, in such a case an error message is generated by the compiler.