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Version update



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1 New features

1.1 STX

1.1.1 STX callbacks ‘OnKeyUp/Down’ extended with parameters

The event callbacks OnKeyDown and OnKeyUp have been upgraded to include the **DisplayType** so that the events can also be clearly assigned in multi-display operation.

Structure of parameter flags:
Bit 0: Shift
Bit 1: Alt
Bit 2: Ctrl/Strg
Bit 3-15: reserved
Bit 16-20: DisplayType (0-DefaultDisplay, 1-ExtendedDisplay)
Bit 21-31: reserved

2 Fixed Software Bugs

2.1 General

2.1.1 Visualisation Library: Encoding to UTF-8

For faster processing by JetSym, all contents of the ISO and Visu libraries have been converted to the file format UTF-8 with BOM.

2.2 Objects

2.2.1 Non-visible pointer cannot be changed with VisuCmdNumericValue

If the object reference of a pointer was changed on a non-active page, the new object was not displayed after a page change.

2.2.2 Non-visible checkbox cannot be changed with VisuCmdNumericValue

If a checkbox without dynamics was set to invisible with VisuCmd on the current page and the checked status was changed with VisuCmdNumericValue, the checkbox still showed the old status when set to visible (STX-VG and Linux).

2.2.3 Slider was not updated when changes were made

The slider was not updated when the min and max limits were changed (Linux).

2.2.4 Read out the ListIndex of a Combobox with STX Program

If the current ListIndex was read out in a JetSym STX program during the startup phase of Linux Embeddedd Runtime, a wrong negative value was returned.

2.2.5 Editbox with limits did not reset old value after value entry

If a value outside the limit was entered in an edit box with a min/max limit, a message was displayed.
If the message was acknowledged, the incorrect value was still displayed in the edit box as an input value with a blue background and led to a new message.

2.2.6 Combobox without DynIO was empty

If a combo box without DynIO was displayed for the first time, the selection was empty. However, the first ListItem with ListIndex **0** should always be displayed.

2.2.7 The grid object in the VG platform triggered events unnecessarily

If the **EnableEventsDuringOnLoad** property was not selected, an **OnGridCellChanged** event was incorrectly triggered when navigating to a page with a grid object.

2.2.8 Grid object had fired a change event with incorrect parameters

If the selection in a grid cell of type **Dropdownlist** changed, the new text of a function was incorrectly passed as the value parameter instead of the new ListIndex.

2.2.9 Changes to invisible softkey masks did not work

If the assignment of a invisible softkey mask to a data mask was changed by a JetSym STX program, the softkeys on the softkey mask were not initialized.

2.3 Variables

2.3.1 Updating array variables in the control program

If parts of arrays were used as variables in a visualization, a compiler error occurred if the array size was changed in the STX program. This was because the size was also used as an identifier for arrays.