JetSym

Versions Update

from V5.00 to V5.01

Jetter

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1 Introduction

Overview of Version Update			
Version	**Function**	**expanded**	**corrected**
V5.0.1	Maximum Number of (MC-) Axes		✓
	Incorrect Display in Module Setup		✓
	STX Keywords		✓
	Exception Error in the File System of a JetSTX-VM		✓
	Wrong Behavior at Change of Controller Type		✓
	Problem with Motion Library Version 1.0.0.4		✓
	Error with Online Version Detection		✓
	Incorrect Techno-ID after Axis Group Property Change		✓
	Different Selection in Intellisense		✓
	Incorrect Context Menu in Monitor Window		✓
	Hardware Scan with an OEM Module		✓
	No Separator in Oscilloscope CSV File		✓
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	Motion Setup Language on English Windows Systems		✓
	No Diagnosis Values after Controller Change		✓
	Takeover of Status "Actual Value" to File "MCSetup.ini"		✓
	Incorrect Update after Automatic Intellisense Update		✓

2 Expansions

3 Eliminated Software Bugs

3.1   Maximum Number of (MC-) Axes

Within the definition as well as within the automatic numbering of module numbers JetSym now checks the range allowed depending on the controller type. In case of MC-Axes the range of possible slave IDs is now reduced to the range from 2 to 7.

3.2   Incorrect Display in Module Setup

In the module setup of JetSym Version 5.0 monitoring module types "JX-DIO16", "JX-DI16" as well as "JX-DO16" there was no notification anymore, that the operating system of these module types cannot be updated.

3.3   STX Keywords

The keywords "this", "base", "property", "read" and "write" were never offered within any selection of Intellisense. Neither it was not possible to get information on these keywords over context sensitive help.

3.4   Exception Error in the File System of a JetSTX-VM

An exception was thrown within JetSym, if a system relevant folder was deleted within the file system of a JetSTX-VM controller.

3.5   Wrong Behavior at Change of Controller Type

Under certain circumstances a change of the controller type within the "CPU" window of the hardware manager was not taken over properly. In these cases the controller type string in the hardware tree differed from the one shown in the "CPU" window.

3.6   Problem with Motion Library Version 1.0.0.4

If Motion Library Version 1.0.0.4 was bound within a project, then no debugging was possible anymore. JetSym always prompted at the beginning of a debug session that the project needs to be built first.

3.7 Error with Online Version Detection

Under certain circumstances within JetSym and JetSym ST projects the online version detected did not work properly. According to the controller's operating system version a too old version point was then selected.

3.8 Incorrect Techno-ID after Axis Group Property Change

After adding an axis group followed by a change of its property to technology groups, an incorrect Techno-ID was given.

3.9 Different Selection in Intellisense

Depending on the approach Intellisense mistakenly showed a different selection for the same, if within the program an invalid enumeration value was assigned to a variable.

3.10 Incorrect Context Menu in Monitor Window

From the second right-mouse-click in a monitor window onwards an incorrect context menu was opened.

3.11 Hardware Scan with an OEM Module

A hardware scan over an OEM module did not find all modules and some found by the scan could not be taken over.

3.12 No Separator in Oscilloscope CSV File

If JetSym oscilloscope recorded data was saved in a CSV file, then the column headers were not separated by a semicolon character like it was done between the values.

3.13 JetSym Crash at Call of "Go To Definition"

JetSym could crash at the execution of command "Go To Definition" if the current project was located in a folder containing a bracket sign in its path name.

3.14 No Intellisense Update after Compiler Error

The Intellisense update was not performed correctly if there was a compiler error and the project's main file was not open.

3.15 Highlighting of Current Values in Motion Setup

A motion setup in online mode did no color highlighting at the current values in combo boxes.

3.16 Motion Setup Language on English Windows Systems

After installing and starting JetSym Version 5.0 on an English Windows system the labeling in the motion setup of a single axis was incorrectly in German.

3.17 No Diagnosis Values after Controller Change

If in the window "CPU" of the hardware manager the controller type as well as the IP address was changed, then no diagnosis data was displayed even a connection to the controller could be established.

3.18 Takeover of Status "Actual Value" to File "MCSetup.ini"

At the generation of file "MCSetup.ini" the status "Actual Value" within the definitions of an axis group was not taken over correctly.

3.19 Incorrect Coloring after Automatic Intellisense Update

After a program source code part became inactive by the directives "#ifdef' or "#if defined", it was not or incorrectly colored after the conclusion of an Intellisense update.