JetSym

Version Update

from V2.43 to V2.50

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1 Introduction

Overview of Version Update			
Version	**Function**	**expanded**	**corrected**
V2.50	Tools/Options/Motion	✓	
	Workspace saves Motion Setup	✓	
	Motion Version Management	✓	
	Compiling Motion Code	✓	
	Project Settings	✓	
	Controller Interface	✓	
	Tooltips in Worbook Mode	✓	
	"Go To Source" in Setup Editor		✓
	"Go To Definition" in Program Editor		✓
	Build/Variables -> File.DA		✓
	Shortcuts for entering numbers		✓
	Transferring a program to PASE-E		✓

2 Expansions

2.1 Tools/Options/Motion

The tab "Motion" has been added to the JetSym menu "Tools/Options". For more information on individual options refer to "What's This Help".

2.2 Workspace saves Motion Setup

When saving a workspace, information on open motion setup windows is now saved (as for all other open document windows). If the JetSym option "Reload documents when opening workspace" has been activated, these Motion Setup windows will be reloaded when the workspace is reopened.

2.3 Motion Version Management

Motion Setup and Motion Wizard now feature a version management function. Depending on the OS version of the MC, and used JetMove axes the corresponding software version will be provided by the Motion Setup and Wizard.

2.4 Compiling Motion Code

Now, the Wizard ST code is created on building a project and does no longer form part of the Wizard source code. Thus, it is no longer required to re-create the motion code, for example, when an address in the project settings has been changed. Furthermore, identified inconsistencies between project and wizard settings will be displayed as text in the output window. When doubleclicking the corresponding text, the user is directed to the error in the source code.

2.5 Project Settings

When exiting the project settings by clicking OK, now a consistency check on axis and group definitions is performed. In case of an error, an error message is generated.

2.6 Controller Interface

When selecting "Ethernet" on the tab "Controller", now, a TCP based transfer protocol can be activated ("Try TCP"). The default setting is UDP. TCP is supported by the following controllers:

JC24x	Version 3.15 or higher
Jx647	Version 3.52 or higher
JM-2xx-OEM	Version 2.04 or higher
JC-800	Version 1.01 or higher

2.7 Tooltips in Worbook Mode

Now, the tooltip in the editor screen shows for the names displayed in the workbook tabs the complete file name including the path of a document or the selected URL of a Motion Setup window.

3 Eliminated Software Bugs

3.1 "Go To Source" in Setup Editor

"Go To Source" in the Setup Editor did not direct to the corresponding line of code, but to the beginning of a document if this line contains an ST macro.

3.2 "Go To Definition" in Program Editor

With a subroutine, the "Go To Definition" sometimes directed to the forward declaration, and not to the implementation of the surbroutine.

3.3 Build/Variables -> File.DA

Register ranges defined in this dialog were not transferred to a newly created configuration (Menu Build/Configurations…).

The DA file name in the group "Transfer", now, also contains the configuration name.

3.4 Shortcuts for entering numbers

The shortcuts NB, ND, NH and NF for entering numbers in a JetSym program editor were ignored.

3.5 Transferring a program to PASE-E

It was not possible to transfer a program to a PASE-E (MIKRO) using PCOM3 (old protocol).