



JetViewSoft

Versions Update

from V1.50 to V2.00

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1 Introduction

Overview of Version Updates			
Version	Function	Added	Fixed
V1.50	<u>JetViewSoft:</u> Crash when using platform „Embedded Runtime“		P
	<u>JetTagDBServer:</u> JetTagDBServer suppressed an user defined offset inside a source string		P
	<u>JetViewSoft:</u> Bug when adding a new resource file		P
	<u>JetViewSoft:</u> Bug after inserting big-sized components		P
	<u>JetViewSoft:</u> Bugs in System-JavaScript removed		P
	<u>JetViewSoft:</u> Resource-Ids are now converted and saved in capital letters		P
	<u>JetViewSoft:</u> Crash caused by repeated call of function „Deploy“		P
	<u>JetViewSoft:</u> Deploy target is now saved as a relative path		P
	<u>JetViewSoft:</u> Bug when running JetViewSoft in multi-monitor mode		P
	<u>JetViewRT:</u> Using „ImageEx“ component lead to a system crash after a certain time		P
	<u>JetTabDBServer:</u> Not all JetTagDB files loaded were displayed in JetTagDB window		P
	<u>JetViewSoft:</u> Incorrect appearance of a docking window		P
	<u>JetViewSoft:</u> Comma could not be entered as decimal point character		P
	<u>JetViewSoft:</u> No indirection possible when using scale dynamic		P

Overview of Version Updates			
Version	Function	Added	Fixed
V1.50	<u>JetViewSoft:</u> Bug in wizard to create ShowDialog command.		P
	<u>JetViewSoft:</u> Incorrect appearance of a communication service view		P
	<u>JetViewRT:</u> New Termination Mode in JetViewRT	P	
	<u>JetViewSoft:</u> Additional Function in JavaScript System Library	P	
	<u>JetTagDBServer:</u> JetTagDBServer does not filter any user defined types out of a source string.		P
	<u>JetViewSoft:</u> No Limits for Tag Block Sizes	P	
	<u>JetViewSoft:</u> Enhanced Input Frame for Tag Definitions	P	
	<u>JetViewSoft:</u> Advanced Compiler Error Information	P	
	<u>JetViewSoft:</u> Additional Features for Platform "Embedded Runtime"	P	
	<u>JetViewSoft/JetLocalDataService:</u> Publishing Local Tags	P	
	<u>JetViewSoft:</u> Hardware Tree	P	
	<u>JetViewSoft/JetDBService:</u> Configuration of JetDBService inside JetViewSoft	P	
	<u>JetViewSoft:</u> Trend object supports a XY graph as well now	P	
	<u>JetViewSoft:</u> Redesigning an invisible grid object at runtime		P

Overview of Version Updates			
Version	Function	Added	Fixed
	<u>JetViewSoft:</u> New Property „DisableScrollInView“ in Grid Object	P	

2 Enhancements

2.1 New Termination Mode in JetViewRT

If a password is needed to be entered to terminate JetViewRT, the dialog opened at termination request now offers two options. So the user can select between closing or minimizing the application. So in the later case, a change to windows is possible without terminating JetViewRT.

2.2 Additional Function in JavaScript System Library

Using new function JVChangePassword() the password needed to terminate JetViewRT can be altered during runtime.

2.3 No Limits for Tag Block Sizes

The size of tag blocks used to be limited to 20. From now on there is no limitation.

2.4 Enhanced Input Frame for Tag Definitions

The input frame for tag definitions now contains field to define register bits as well as multi-dimensional array.

2.5 Advanced Compiler Error Information

There are now additional information to locate compiler errors available.

2.6 Additional Features for Platform "Embedded Runtime"

The functionality and integration of the „JetView Embedded Runtime“ platform has been considerably improved.

2.7 Publishing Local Tags

The local tags supported by JetLocalService can now be published over the Ethernet. Inside a communication service for local data a tag of type integer or floating point can now optionally be addressed by a register number. This number can then be used for Ethernet network read/write command sent by JetControls connected to it.

2.8 Hardware Tree

Besides the project tree there is now hardware tree defined available. It contains all the project's "hardware objects" like JetControls or local data servers. So from now on inside a project only the hardware's reference string is used.

2.9 Configuration of JetDBService inside JetViewSoft

The configuration of JetDBService can now be done inside the JetViewSoft software. The project tree has now enhanced functionality to support this new feature. Inside the definitions of transactions and communication channels there are only hardware and tag references of communication services used instead of a controller definition and register addressing. It is possible to import and convert JetDBService definitions files created by previous versions.

2.10 Trend object supports a XY graph as well now

The trend object is now able to display a simple XY graph as well. The source for the graph's data can either be a database or registers of a controller connected.

2.11 New Property „DisableScrollInView“ in Grid Object

The grid object has now a new property called “DisableScrollInView”, which is set to “False” by default. If it is set to “True” and the user click into a grid’s cell it will not be scrolled in view automatically. This is a useful feature when using a touch screen and all cells of a grid’s object are visible and therefore scrolling is not required. Up to now it was necessary to draw the window a bit larger than the cells and so causing an unpleasant edge in runtime.

3 Fixed Software Bugs

3.1 Crash when using platform „Embedded Runtime“

If platform "Embedded Runtime" is selected, JetViewSoft crashed whenever trying to delete an event handler.

3.2 JetTagDBServer suppressed an user defined offset inside a source string

If a tag from JetTagDBManager was inserted inside a communication service and then altered by adding an offset, the compiler did not detect it.

before: <JW:DTAG name='P%[Hein.Debug].nTabBase+1'> => <JW:DTAG name='PR100'>
now: <JW:DTAG name='P%[Hein.Debug].nTabBase+1'> => <JW:DTAG name='PR100+1'>

3.3 Bug when adding a new resource file

A newly added resource file to the project automatically became active an previous resource configurations were lost. From now on only the first added resource file becomes active and all the others have to be set active manually.

3.4 Bug after inserting big-sized components

If components were inserted into a page having an extension greater than the page itself, then the page size was adjusted accordingly. This caused the new and all other components to be moved to negative coordinates.

3.5 Bugs in System-JavaScript removed

Bugs causing a software crash under certain conditions when using I/O dynamic option are now removed.

When using function „JVCreateBlockString()“, if the first index value of an array was zero, then the “0”-string was not inserted into the block string returned.

3.6 JetTagDBServer does not filter any user defined types out of a source string

JetTagDBServer used to remove all unknown attributes out of a source string. Therefore it was not possible to add new type information manually, because the compiler did not take them over. So from now on no unknown attributes are removed by JetTagDBServer.

3.7 Resource-Ids are now converted and saved in capital letters

Resource-Ids used to be case sensitive. This cause many hassles when trying to locate a bug. So the id-strings are now converted to capital letters before saving them

3.8 Crash caused by repeated call of function „Deploy“

Bug is now removed.

3.9 Deploy target is now saved as a relative path

The deploy target path could become invalid by copying the project to another PC. This is now prevented by saving this information as a project relative path.

3.10 Bug when running JetViewSoft in multi-monitor mode

Some elements were not displayed correctly on the user screen in case of JetViewSoft running in multi-monitor mode.

3.11 Using „ImageEx“ component lead to a system crash after a certain time

This bug is fixed now.

3.12 Not all JetTagDB files loaded were displayed in JetTagDB window

This bug is fixed now.

3.13 Incorrect appearance of a docking window

After enlarging a JetTagDB docking window, the one placed below was not displayed correctly.

3.14 Comma could not be entered as decimal point character

When entering values for rotation dynamic's factor an offset the comma was not allowed to be used as a decimal pointer character.

3.15 No indirection possible when using scale dynamic

When entering parameters for a scale dynamic it was not possible to enter a tag name for scaling the Y-extension.

3.16 Bug in wizard to create ShowDialog command

The wizard to enter a "ShowDialog" command created a wrong java script line.

3.17 Incorrect appearance of a communication service view

If the user pasted some text into a cell of the grid's last row in a communication service view, then a new row was added, but not displayed completely.

3.18 Redesigning an invisible grid object at runtime

When a grid was invisible after loading a HTML page, any methods to redesign it failed. This was especially fateful when using resources for column headers.