

RENESAS TOOL NEWS on September 16, 2004: RSO-HEW_1-040916D

Integrated Development Environment High-performance Embedded Workshop Revised to V.3.01.06

We have revised the High-performance Embedded Workshop, an integrated development environment, to V.3.01.06.

1. Products Concerned

The High-performance Embedded Workshops included with the following products:

- (1) C/C++ compiler packages for the SuperH RISC engine family
R0C40700XSW08R
P0700CAS7-MWR
- (2) C/C++ compiler packages for the H8SX, H8S, and H8 MCU families
R0C40008XSW06R
PS008CAS5-MWR
- (3) C compiler packages for the M32R MCU family
M3T-CC32R V.4.20 Release 1 through V.4.30 Release 00
- (4) C compiler package for the M32C/80, and M16C/80 MCU series
M3T-NC308WA V.5.20 Release 1
- (5) C compiler packages for the M16C/60, M16C/30, M16C/Tiny, M16C/20,
M16C/10, and R8C/Tiny MCU series
M3T-NC30WA V.5.20 Release 1 and V.5.30 Release 1
- (6) C compiler packages for the R8C/Tiny MCU series (freeware Products)
M3T-NC30WA V.5.20 Release 1 (*)
M3T-NC8C V.5.30 Release 1

NOTE:

* This product's name was changed from M3T-NC30WA to M3T-NC8C on April 1, 2004.

- (7) The E10A-USB emulators
HS0005KCU01H

HS0005KCU02H

- (8) The E7 emulator
HS0007TCU01H
- (9) An E6000H emulator
HS7058EPH60H and others
- (10) An E6000 emulator
HS3664EPI62H and others
- (11) E10A emulators
HS7705KCM02H
HS7729RKCM02H
HS7750RKCM01H
HS2378KCM01H and others
- (12) E10T emulators
HS3048BTCM01H
HS3048BTCI01H and others
- (13) The E200F emulator
R0E0200FOEMU00

NOTE: The products concerned are also viewed on [HERE](#).

2. Descriptions of Revision

2.1 Functions Improved

- (1) For the Set Monitor command (monitor_set, a command for setting and displaying monitoring points)
 - (a) The function of displaying the syntax on the command line has been improved. (This function instructs you how to set parameters of each command on-screen.)
 - (b) Changes have been made to the displays of the states of monitoring points.
 - Displaying the setting order of command parameters omitted.
 - The options of the command parameter Initial_value have been changed from TRUE/FALSE to enable/disable. (Initial_value determines whether to display the contents of memory or not as a default at opening the Monitor window.)

- (2) The error message that appears if the connection with the target is canceled by the user or cannot be established has been changed from "Target Missing" to "Target Missing or Connection Canceled."

2.2 A Problem Encountered at Installing Products with Which a High-performance Embedded Workshop Is Included Resolved

The following problem arising at updating products with which a High-performance Embedded Workshop is included has been resolved: Products cannot properly be updated in some PCs with either of the following error messages being displayed:

- An error has arisen during the execution of the setup program.
- Insert Floppy Disk 1 containing the layout.bin file.

For details, visit [HERE](#).

2.3 Other Problems Fixed

The following problems have been fixed:

- (1) If the last label in ASCII order is searched for using the search function (*) in the Label window, the error message "LABEL NOT FOUND" appears.

* This function becomes available by following these steps:

- a. Right-click an unoccupied area in the Label window
- b. A pop-up menu appears.
- c. Select the Search command in this menu.

- (2) If multiple-step execution is discontinued and then the program is executed in the usual way, the STOP button on the toolbar for manually stopping the program stays not illuminated, which may disable the manual stopping of the program.

At the same time, such operations of the High-performance Embedded Workshop may not be managed as closing the workspace by selecting the File Close Workspace command or ending the application by selecting the File Exit command.

For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On Discontinuing Multiple-Step Execution" issued on August 16, 2004.

- (3) The status of the Connect up to target on debug go check box (*) cannot be kept when the session is saved.

* To see this check box, open the Options menu and select the Debug Settings command. The Debug Settings dialog box appears, and then select the Options tab in it.

- (4) Using the Open Workspace command in the interface of the High-performance Embedded Workshop's server function (*) may cause an application error to arise.
- * For details of the High-performance Embedded Workshop's server function, see HewServer Document.
- (5) If load modules written in the ELF/DWARF2 format are downloaded and the source file containing them is displayed in the Source window, the addresses of the source lines in which no program statements are written may incorrectly be provided.
- For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On Debugging Load Modules Written in ELF/DWARF2 Format" issued on August 16, 2004.
- (6) The Set History function of the Monitor Setting dialog box (*) in the Monitor window is unavailable.
- * To see this dialog box, open the View menu and select the CPU, Monitor, Monitor Setting command. Or, right-click an unoccupied area in the Monitor window. A pop-up menu appears, and then select the Monitor Setting command in it.
- (7) When two or more Monitor windows (those displaying the contents of memory in real time) are opened, debug sessions are saved, and then the saved sessions are reloaded, the Monitor windows opened at the second and later display the incorrect contents of memory.
- For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On Saving Debug Sessions in Monitor Windows" issued on September 1, 2004.
- (8) When files written in assembler language are opened in the High-performance Embedded Workshop's Editor window, syntax coloring may not function properly.
- For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On Syntax Coloring of Specified Character Strings" issued on July 16, 2004.
- (9) The name of the M3T-PD30SIM simulator debugger does not appear in the External Debugger list box in the NewProject-5/6-Setting the Target System for Debugging dialog box.
- For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On Selecting an External Debugger at Creating Projects" issued on July 16, 2004.
- (10) Context-sensitive helps (*) may be unavailable when the following tabs are selected in their respective dialog boxes:

- The Build and Editor tabs in the Options dialog box
 - The Toolbars, Placeholders, Debugger, Log, and Help tabs in the Customize dialog box
 - The Options tab in the Debug Settings dialog box
- * Click the "?" mark at the top right of each dialog box, and then click any item in it (for example, the Edit box). You see a help relevant to the item pops up.

3. How to Get and Install the Revised Product

Please go through the following steps:

- (1) Download the hewv3161u.exe file from **HERE**.
- (2) Then, execute the downloaded hewv3161u.exe file to complete the installation.

4. Notices

- (1) If you have not already installed the High-performance Embedded Workshop V.2.2 or later, your High-performance Embedded Workshop cannot be revised to V.3.01.06.
- (2) No tool components (for example, a compiler, an emulator, etc.) except the High-performance Embedded Workshop are not affected by this revision.
- (3) If you are using the P0700CAS7-MWR (a C/C++ compiler package for the SuperH RISC engine family), install the revised product as described in Section 3 above after upgrading the P0700CAS7-MWR once to Ver.7.1.03 or Ver.7.1.04
If you are using the PS008CAS5-MWR (a C/C++ compiler package for the H8SX, H8S, and H8 MCU families), install the revised product as described in Section 3 above after upgrading the PS008CAS5-MWR once to Ver.5.0.05 or Ver.5.0.06.

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