

RENESAS TOOL NEWS on August 1, 2004: RSO-HEW-040801D

Integrated Development Environment High-performance Embedded Workshop Revised to V.3.01.05

We have revised the High-performance Embedded Workshop, an integrated development environment, to V.3.01.05.

1. Products Concerned

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

- (1) C/C++ compiler packages for the SuperH RISC engines
R0C40700XSW08R
P0700CAS7-MWR
- (2) C/C++ compiler packages for the H8SX, H8S, H8S for the H8 family, and H8/300 series MCUs
R0C40008XSW06R
PS008CAS5-MWR
- (3) C compiler packages for the M32R family MCUs
M3T-CC32R V.4.20 Release 1 and V.4.20 Release 1A
- (4) C compiler package for the M32C/80, and M16C/80 series MCUs
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 series MCUs
M3T-NC30WA V.5.20 Release 1 and V.5.30 Release 1
- (6) C compiler packages for the R8C/Tiny series MCUs (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) E10A-USB emulators
HS0005KCU01H

HS0005KCU02H

(8) E7 emulator

HS0007TCU01H

(9) E6000H emulator

HS7058EPH60H and others

(10) E6000 emulator

HS3664EPI62H and others

(11) E10A emulators

HS7705KCM02H

HS7729RKCM02H

HS7750RKCM01H

HS2378KCM01H and others

(12) E10T emulators

HS3048BTCM01H

HS3048BTCI01H

(13) E200F emulators

R0E0200F0EMU00

R0E0200F0ETU00

R0E0200F0EPU00

NOTE: The products concerned are also viewed on The Products Associated with the High-performance Embedded Workshop 3

2. Descriptions of Revision

2.1 Function of Generating Make Files Improved

In relation to the dependencies of include files on a source file, directory information on include files has hitherto been output to a Make file using relative path names if the nesting levels of include files are less than 11. In this revision, this limitation is raised to less than 51 in the nesting levels. (If they are equal to or greater than 51, absolute path names used.)

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

The following known problem has been resolved: No project types for builds cannot be displayed in the Project Type list box of the New Project Workspace dialog box if, after installing any compiler package including a High-performance Embedded Workshop, the E7 emulator software product is installed without invoking the High-performance Embedded Workshop at all.

For details, go to A Problem Still Remaining in the High-performance Embedded Workshop 3.

2.3 Other Problem Fixed

The following known problems have been fixed:

- (1) If comments in Japanese are included in a source line, a jump made from the Navigation window to the line in the Editor window that declares or defines a source file may reach an incorrect line locating several lines after the destination.
- (2) If a project that contains source files written in assembly language is opened with the navigation function being activated, the automatic analyses of the navigation function will not terminate.

For details, see RENESAS TOOL NEWS "A Note on Using Integrated Development Environment High-performance Embedded Workshop--On the Navigation Function" issued on July 16, 2004.

- (3) In the E10A, E10A-USB, or E200F emulator, if the OK button is pressed in the Trace Branches dialog box (*) in the Trace window with the Enable option button for source complement clicked, an application error arises while the Progress dialog box is opening.

NOTE:

- * This dialog box can be opened when you right-click any area of the Trace window to display a pop-up menu and select the Trace Branches command on the menu.

- (4) In the E10A, E10A-USB, or E200F emulator, if the OK button is pressed in the Trace Branches dialog box with the Enable option button for source complement clicked; then an item of trace information is double-clicked to make a jump to a source line in the Trace window, an application error arises.

- (5) In the E200F emulator, if you select "BUS/MFI trace" from the Trace Window list box in the Select Trace Window dialog box, an application error arises.

Note that if you select "BUS/MFI trace" after once selecting "Internal/AUD/User memory trace" from the Trace Window list box, no application error arises.

- (6) In the E200F emulator, if the OK button is pressed in the Trace Branches dialog box in the Trace window with the Enable option button for source complement clicked, the Progress dialog box is opened; then the contents of the Source column is displayed in the Timestamp difference column while the complemented trace information is being displayed.

3. How to Get and Install the Revised Product

- (1) Download the hewv3151u.exe file from **HERE**.
- (2) Then, execute the downloaded hewv3151u.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.3.01.05.
- (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 engines), 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, H8S for the H8 family, and H8/300 series MCUs), install the revised product as described in Section 3 after upgrading the PS008CAS5-MWR once to Ver.5.0.05 or Ver.5.0.06.

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