RENESAS Tool News

RENESAS TOOL NEWS on April 1, 2005: RSO-HEW_1-050401D

The High-performance Embedded Workshop, an Integrated Development Environment, Revised to V.4.00.01

We have revised the High-performance Embedded Workshop, an integrated development environment, from V.4.00.00 to V.4.00.01.

1. **Product Concerned**
   The High-performance Embedded Workshop included with the following compiler packages, emulators, and debugger package are concerned:
   (1) The C/C++ compiler packages for the SuperH RISC engine family
   (2) The C/C++ compiler packages for the H8, H8S, and H8SX families
   (3) C compiler package for the M32R family
   M3T-CC32R V.4.20 Release 1 through V.4.30 Release 00
   (4) C compiler package for the M32C/90, M32C/80, and M16C/80 series
   M3T-NC308WA V.5.20 Release 1 and Release 02
   (5) C compiler packages for the M16C/60, M16C/30, M16C/20, M16C/10,
   M16C/Tiny, and R8C/Tiny series
   M3T-NC30WA V.5.20 Release 1 through V.5.30 Release 02
   (6) C compiler packages for the R8C/Tiny series (freeware products)
   M3T-NC30WA V.5.20 Release 1 and V.5.30 Release 02
   M3T-NC8C V.5.30 Release 1
   (7) The E10A-USB emulators
   HS0005KCU01H
   HS0005KCU02H

NOTICE:
Please refer to Section 4, (To the Users Who are Using the E10A-USB emulator) in RENESAS TOOL NEWS "The High-performance Embedded Workshop, an Integrated Development Environment, Revised to Its V.4.00.00" No. RSO-HEW-050126D, issued on January 26, 2005.

(8) The E7 emulator
HS0007TCU01H

(9) The E8 emulator
R0E000080KCE00

(10) E6000H emulators
All the versions for the High-performance Embedded Workshop

(11) E6000 emulators
All the versions for the High-performance Embedded Workshop

(12) E10A emulators
All the versions for the High-performance Embedded Workshop

(13) The E10T emulators

(14) The E10T-USB emulator
HS0005TCU01H

(15) The E200F emulators
R0E0200F0EMU00
R0E0200F1EMU00

(16) A debugger package for the M16C/60, M16C/30, M16C/20, M16C/10,
M16C/Tiny, and R8C/Tiny series
M16C R8C debugger package

For information on the above product types concerned, see "Products for the High-performance Embedded Workshop V3" .

2. Descriptions of Revision

2.1 Problems Fixed

The following problems have been fixed:

(1) On using the Navigation window

For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop V.4.00.00--On Using the Navigation Window--" No. RSO-HEW_3-050316D, issued on March 16, 2005.

(2) On switching between tool chains or their versions
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop--On Changing a Toolchain or Its Version to another--" No. RSO-HEW_2-050316D, issued on March 16, 2005.

(3) On debugging ELF/DWARF2-formatted load modules
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop--On Debugging ELF/DWARF2-Formatted Load Modules--" No. RSO-HEW_1-050316D, issued on March 16, 2005.

(4) On saving and restoring symbols entered in the C Watch window
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop V.4.00.00 --On Saving and Restoring Symbols in the C Watch Window--" No. RSO-HEW_3-050301D, issued on March 1, 2005.

(5) On docked view of the C Watch window
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop V.4.00.00 --On Docked View of the C Watch Window--" No. RSO-HEW_2-050301D, issued on March 1, 2005.

(6) On specifying address parameters in HDI (Hitachi Debugging Interface) commands
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop V.4.00.00 --On Specifying Address Parameters in HDI Commands--" No. RSO-HEW_6-050216D, issued on February 16, 2005.

(7) On specifying radixes in HDI (Hitachi Debugging Interface) commands
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop V.4.00.00 --On Specifying Radixes in HDI Commands--" No. RSO-HEW_5-050216D, issued on February 16, 2005.

(8) On specifying parameters of the monitor_set command
For details, see RENESAS TOOL NEWS "A Note on Using

the High-performance Embedded Workshop V.4.00.00 --On Specifying Parameters of the monitor_set Command--" No. RSO-HEW_4-050216D, issued on February 16, 2005.

(9) On applying the update program to the combination of the C/C++ compiler package for the SuperH RISC engine family and the one for the H8SX, H8S, and H8 families
For details, see RENESAS TOOL NEWS "A Note on Using the Update Program for Updating the High-performance Embedded Workshop to V.4.00.00" No. RSO-HEW_3-050216D, issued on February 16, 2005.

(10) On the automatic backup function of workspaces
For details, see RENESAS TOOL NEWS "A Note on Using the High-performance Embedded Workshop--On the Auto-backup Facilities of Workspaces--" No. RSO-HEW_1-050216D, issued on February 16, 2005.

(11) On making a change to the settings of the RAM monitoring area
For details, see RENESAS TOOL NEWS "A Note on Using Emulator Debuggers M3T-PD308MF, M3T-PD308F, M3T-PD30MF, and M3T-PD30F; and the M16C R8C Debugger Package" No. RSO-M3T-PD308MF-050216D, issued on February 16, 2005.

(12) If the lines containing a "for" statement are displayed in the MIX mode (*2) in the Editor window (*1), disassemble information on either the beginning line or the ending line of the "for" statement only is provided.
NOTES:

*1: The Editor window can be opened either of the following ways:
a. Click the name of any source file on the Workspace window to show a pop-up menu and then select the Open "<file name>" command.
b. Double-click any source file on the Workspace window.

*2: The MIX mode display can be performed by clicking the View mixed mode button on the Toolbar in the Editor window.
In this mode are displayed results of disassembling information concerning each line of the source code.

(13) If data displayed in the Memory window* is dragged and dropped, the High-performance Embedded Workshop is abnormally shut down.
NOTE:

* The Memory window is opened by selecting the View -> CPU -> Memory command.

(14) If the settings of bus events are changed on the BUS Event sheet in the Event window* with the E200F emulator being used, the High-performance Embedded Workshop may abnormally be shut down.
NOTE:

* The Event window is opened by selecting the View -> Code -> Event Points command.

3. How to Revise Your Product

Free-of-charge online revision is available.
So revise yours by downloading the update program from **HERE**.

4. Notices

(1) If you have not already installed the High-performance Embedded Workshop V.2.2 or later, you cannot revise your High-performance Embedded Workshop to V.4.00.01.

(2) No components except the High-performance Embedded Workshop (for example, C compilers, emulators, etc.) are affected by this revision.

(3) In order to revise the High-performance Embedded Workshop included, the P0700CAS7-MWR (C/C++ compiler package for the SuperH RISC engine family) must be updated to V.7.1.03 or V.7.1.04, and the PS008CAS5-MWR (C/C++ compiler package for the H8, H8S, and H8SX families) must be updated to V.5.0.05 or V.5.0.06.

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