RENESAS Tool News

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A Note on Using the High-performance Embedded Workshop

--On Displaying the Address or Size Field in the ASM Watch Window--

Please take note of the following problem in using the High-performance Embedded Workshop:

- On displaying the address or size field in the ASM Watch window

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1. **Versions Concerned**

   High-performance Embedded Workshop V.4.00.00--V.4.00.03

   The High-performance Embedded Workshop is bundled with the software products (a C compiler and others) that support it.

2. **Description**

   If a session is saved to close the ASM Watch window with addresses being hidden (*1) and then the session is reopened, the ASM Watch window opens, but an address/bit field is displayed in an incorrect column, where no values are contained. If addresses are made displayed under this condition, however, another address/bit field is displayed in its correct column, where correct values are given.
   This is the same in the data size field.

   *1. Right-click an unoccupied area of the ASM Watch window to open the pop-up menu; then uncheck the Layout -> Address Area or Size Area check boxes. Addresses or sizes will be made hidden. If selected they become displayed.

   *2. To save a session, perform either of the following steps:

   (1) Open the File menu and select the Save Session command.

   (2) Select YES if you are asked "Session...has been modified - do you want to save it?" in the dialog box opened by any one of the following operations:

   (a) switching between sessions

(b) closing the workspace

(c) closing the application program

3. Conditions

This problem occurs if any one of the versions concerned is used together with any of the following debuggers:

(1) The simulator debugger bundled with the C compiler package
M3T-NC308WA V.5.40 Release 00
(for the M32C/90, M32C/80, and M16C/80 series)

(2) The simulator debugger bundled with the C compiler package
M3T-NC30WA V.5.30 Release 02--V.5.40 Release 00A
(for the M16C/60, M16C/30, M16C/20, M16C/10, M16C/Tiny, and R8C/Tiny series)

(3) The M16C R8C simulator debugger bundled with the E8 emulator software V.2.00 Release 00--V.2.06 Release 00

(4) The M16C R8C simulator debugger
V.1.00 Release 00--V.1.01 Release 00
managed by the High-performance Embedded Workshop

(5) The M16C R8C PC7501 emulator debugger
V.1.00 Release 00--V.1.01 Release 00
managed by the High-performance Embedded Workshop

(6) The M16C PC4701 emulator debugger
V.1.00 Release 00--V.1.01 Release 00
managed by the High-performance Embedded Workshop

(7) The M16C R8C compact emulator debugger
V.1.00 Release 00--V.1.01 Release 00B
managed by the High-performance Embedded Workshop

(8) The M16C R8C FoUSB/UART debugger
V.1.00 Release 00--V.1.01 Release 00
managed by the High-performance Embedded Workshop

(9) The M32C simulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(10) The M32C PC7501 emulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(11) The M32C PC4701 emulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(12) The M32C compact emulator debugger
V.1.00 Release 00--V.1.00 Release 02
managed by the High-performance Embedded Workshop

(13) The M32C FoUSB/UART debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(14) The simulator debugger bundled with the C compiler package
M3T-ICC740 V.1.01 Release 01
(for the 740 family)

(15) The simulator debugger bundled with the assembler package
M3T-SRA74 V.4.10 Release 02
(for the 740 family)

(16) The 740 simulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(17) The 740 PC4701 emulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(18) The 740 compact emulator debugger
V.1.00 Release 00
managed by the High-performance Embedded Workshop

(19) The H8/300H Tiny compact emulator debugger
V.1.00 Release 00--V.1.01 Release 00
managed by the High-performance Embedded Workshop

4. Workaround

In the ASM Watch window, save sessions with both addresses and sizes being displayed.

5. Schedule of Fixing the Problem

We plan to fix this problem in the next release of the product.
