RENESAS Tool News

High-performance Embedded Workshop Revised to V.4.07.00

We have revised High-performance Embedded Workshop from V.4.06.00 to V.4.07.00. High-performance Embedded Workshop is bundled with the compilers, emulator software packages, and other software products that it manages. For details of High-performance Embedded Workshop, go to:
http://www.renesas.com/hew
The above URL is one of our global sites.

1. Products to Be Updated

High-performance Embedded Workshop V.3.00.00 through V.4.06.00

To check to see the version number of your High-performance Embedded Workshop, open the Help menu and select the About High-performance Embedded Workshop command.

2. Descriptions of Revision

(1) The seven functions described in (a) to (g) below have been improved and modified in the Watch windows of the following software products:
 - E8a Emulator Software
 - E8 Emulator Software
 - E10A-USB Emulator Software
 - E10T-USB Emulator Software
 - E100 Emulator Software
 - E200F Emulator Software
 - E6000H Emulator Software
 - E6000 Emulator Software
 - Simulator debugger for the SuperH family
 - Simulator debugger for the H8SX, H8S, and H8 families

(a) Function for selecting the radix of the variables to be displayed before registering the variables introduced.
You can select the radix of the variable to be displayed before registering the variables from among the following: binary numbers, octal numbers, decimal numbers, and hexadecimal numbers

(b) Function for registering variables in the Watch window introduced.
You can register a variable in the Watch window by following these steps:
  (i) Right-click a variable in the Editor or Disassembly window to open the pop-up menu.
  (ii) In the pop-up menu, select "Add Watch".

(c) Function for sorting variables on their names or addresses introduced.
You can sort variables on their addresses as well as their names in the Address column that has been introduced to display variables' addresses. According to this introduction, the Address column has also been introduced to display the execution results of the watch_display command.

(d) Radix for specifying the subscripts of the elements of arrays added.
When you reference elements of an array, you can specify the subscripts of the elements by using hexadecimal notation. If you use hexadecimal notation, add a prefix 0x or 0X to the subscript of an element.

(e) Function for referencing members of bit fields introduced.
You can reference members of bit fields during execution of the program if the auto-update for members of bit fields is in effect.

(f) Set Scope dialog box improved.
You can resize the Set Scope dialog box.

(g) Scope name modified.
"Auto", which represents the current scope, has been modified to "Current Scope". According to this modification, the same modification has been made to display the execution results of the watch_display command.

(2) The two functions described in (a) and (b) below, which are used to debug load module files in IEEE695 format, have been improved in the following software packages:
  - E8a Emulator Software
  - E8 Emulator Software

- E100 Emulator Software

(a) Function for setting scopes supported.
    You can set scopes that are provided by the Watch window.
(b) Function for referencing local symbols introduced.
    You can display local symbols in the following columns
    in windows and dialog boxes:
    - The Label column in the Disassembly window in Mixed mode
      or Disassembly mode
    - The Label column in the Memory window
    - The Select Label dialog box and others

    To reference local symbols, use -S as the command option
    if you are using any of assembler bundled with the compiler
    packages for M16C and R8C familis.

3. How to Update Your Product

Online update is available free of charge. Update yours in either of
the following ways:
(1) Use AutoUpdate Utility. This service will be available on and
    after October 6.
(2) Download the update program of the product from:
     http://www.renesas.com/hew_download
    Then execute it. This site will be opened from October 5.
    The above URL is one of our global sites.

NOTES:
 Two types of update program are available. Use either of them
 as necessary. They are as follows:
 (a) Full-update program
     The components of High-performance Embedded Workshop to which
     changes have been made in and after V.3.00.00 are updated.
     That is, V.3.00.00 and later can be updated to V.4.07.00.
 (b) Differential-update program
     The components of High-performance Embedded Workshop to which
     changes have been made in and after V.4.06.00 are updated.
     That is, V.4.06.00 and later can be updated to V.4.07.00.

4. About Uninstalling and Then Installing
High-performance Embedded Workshop
by Using Install Manager

The following two problems arise when you use Install Manager:
(1) If you use Install Manager to uninstall High-performance Embedded

Workshop, clicking the Uninstall button may not start uninstalling.
For details of the problem and its workaround, see RENESAS TOOL NEWS
Document No. 090701/tn1 on the Web page at:
  http://tool-support.renesas.com/eng/toolnews/090701/tn1.htm#1
(2) If two or more High-performance Embedded Workshop environments have
been installed on a PC, the active environment cannot be switched
to another.
For details of the problem and its workaround, see
  RENESAS TOOL NEWS Document No. 091001/tn2.
This Web page will be opened from October 5.

However, the above two problems have already been fixed in Install
Manager V.1.03.01. To update yours to this latest version, download
the update program from:
  http://www.renesas.com/hew_download
This Web site will be opened from October 5.
The above URL is one of our global sites.

For details of Install Manager V.1.03.01, see
RENESAS TOOL NEWS Document No. 091001/tn2,
published on October 1, 2009.

To check to see the version number of your Install Manager, open its
Maintenance window, and then click the About Install Manager button.
If the About Install Manager button does not appear, the version of your
product is V.1.00.00.