RENESAS Tool News

RENESAS TOOL NEWS on July 1, 2010: 100701/tn2

A Patch Supplied for the C Compiler Packages for the R8C and M16C Families

We start supplying the patch for eliminating the following problems, which were notified in the RENESAS TOOL NEWS published on June 16, 2010:

- With using compile option -OGJ, which optimizes external variables
- With building projects that use real-time OSes

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1. Products Involved

C compiler package for the R32C series V.1.02 Release 01
C compiler package for the M32C series V.5.42 Release 00
C compiler package for the M16C series and the R8C family
V.5.45 Release 01
NOTE :
The above three compiler packages are included in "the C compiler package for the R8C and M16C families 2010.04."
For detailes of the product, see at
http://www.renesas.com/r8cm16c_c

2. Description

We supply the patch for eliminating the following problems, which were notified in the RENESAS TOOL NEWS published on June 16, 2010:

- With using compile option -OGJ, which optimizes external variables
- With building projects that use real-time OSes

For details see RENESAS TOOL NEWS Document No. 100616/tn3 at
https://www.renesas.com/search/keyword-search.html#genre=document&q=100616tn3
and RENESAS TOOL NEWS Document No. 100616/tn4 at
https://www.renesas.com/search/keyword-search.html#genre=document&q=100616tn4
respectively.

3. How to Obtain the Patch

Download the HEW_PATCH_100701.zip file (1.00 MB) from here.
https://www.renesas.com/software/D4000210.html

4. How to Apply the Patch

To apply the patch, exit High-performance Embedded Workshop if it is operating and then follow these steps:

(1) Decompress the downloaded HEW_PATCH_100701.zip file in any directory.

(2) Execute the decompressed PatchTool.exe file.

(3) In the list of the C compiler packages to be updated, select the check box for the C compiler package to which you want to apply the patch; then click the Update button.

(4) Follow the message "Close all High-performance Embedded Workshop. Click OK to start the update."
That is, exit High-performance Embedded Workshop if operating; then click OK.

(5) When update is completed, and the message "The update has finished." displayed, click OK.

(6) If you have installed two or more High-performance Embedded Workshop programs, switch the active one to another by using Install Manager, and repeat the steps (2) through (5).

5. How to Check the Version of the Updated xxxbp.dll File

When the patch is applied, the xxxbp.dll file concerned is updated. To check to see the version of the updated xxxbp.dll file, follow these steps:

(1) Start Windows Explorer.

(2) Find one of the following .dll files that corresponds to your compiler in the sub directory where you have installed High-performance Embedded Workshop:

- R32C100bp.dll
  Corresponds to the C compiler package for the R32C series and resides under ¥Tool¥Renesas¥nc100¥v102r01¥hew
- M32Cbp.dll
  Corresponds to the C compiler package for the M32C series and resides under ¥Tool¥Renesas¥nc308wa¥v542r00¥hew
- M16Cbp.dll
  Corresponds to the C compiler package for the M16C series and the R8C family and resides under ¥Tool¥Renesas¥nc30wa¥v545r01¥hew

(3) Right-click the .dll file concerned to open a pop-up menu; then select Properties. The properties of the file are displayed.

(4) Click the Version tab and check to see that the version number of the file is one of the following:

- 1.2.1.1 in R32C100bp.dll
- 5.42.0.1 in M32Cbp.dll
- 5.45.1.1 in M16Cbp.dll

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