RENESAS Tool News

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

We start supplying the patch for eliminating the following problems: which were notified in RENESAS TOOL NEWS Document No. 100716/tn1 and Document No. 100910/tn1 respectively:

- With changing the version of the toolchain specified in the project to V.5.42.00
- With changing the versions of toolchains in High-performance Embedded Workshop

1. Products Involved

- The C compiler package for the R32C series V.1.02 Release 01
- The C compiler package for the M32C series V.5.42 Release 00
- The C compiler package for the M16C series and the R8C family
  V.5.45 Release 01

The above three compiler packages are included in "C Compiler Package for R8C and M16C Families 2010.04." For detailed information about the products, see
     https://www.renesas.com/r8cm16c_c
  The above URL is one of our global sites.

2. Description

We supply the patch for eliminating the following problems, which were notified in RENESAS TOOL NEWS Document No. 100716/tn1 and Document No. 100910/tn1 respectively:
  - With changing the version of the toolchain specified in the project
    to V.5.42.00
      (For details see:
       https://www.renesas.com/search/keyword-search.html#genre=document&q=100716tn1)
  - With changing the versions of toolchains in High-performance Embedded
    Workshop
      (For details see:
       https://www.renesas.com/search/keyword-search.html#genre=document&q=100910tn1)
  This site will be opened from September 16.

3. How to Obtain the Patch

Download the HEW_PATCH_100910.zip file (305 KB) from here.
https://www.renesas.com/software/D4000544.html

Note that this patch is not effective in eliminating the problems
notified in RENESAS TOOL NEWS Document No. 100616/tn3 and Document
No. 100616/tn4.
For details of these problems and how to obtain the effective patch,
HEW_PATCH_100701.zip, see:
   https://www.renesas.com/search/keyword-search.html#genre=document&q=100701tn2
You can install HEW_PATCH_100910.zip and HEW_PATCH_100701.zip in the
order you like.

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_100910.zip file in any
    directory.
(2) Execute the decompressed PatchTool.exe file.
(3) In the list of the compilers to be updated, select the check box
    for the compiler to which you want to apply the patch; then
    click the Update button.
(4) The following message appears in the dialog box:
      "Close all High-performance Embedded Workshop.
       Click OK to start the update."
    So 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 xxxtc.dll File

When the patch is applied, the xxxtc.dll file concerned is updated.
To check to see the version of the updated xxxtc.dll file, follow
these steps:
(1) Start Windows Explorer.
(2) Find one of the following xxxtc.dll files that corresponds to
    your compiler in the subdirectory where you have installed
    High-performance Embedded Workshop:
     - R32C100tc.dll
        Corresponds to the C compiler package for the R32C series
        and resides under ¥System¥Ts¥Renesas¥R32C100

     - M32Ctc.dll

       Corresponds to the C compiler package for the M32C series
       and resides under ¥System¥Ts¥Renesas¥M32C

     - M16Ctc.dll

       Corresponds to the C compiler package for the M16C series
       and the R8C family and resides under ¥System¥Ts¥Renesas¥M16C

(3) Right-click the xxxtc.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 R32C100tc.dll
      - 5.42.0.1 in M32Ctc.dll
      - 5.45.1.1 in M16Ctc.dll