RENESAS Tool News

A Note on Using the C Compiler Packages for the R8C and the M16C Families of MCUs

When you use the C compiler packages for the R8C and the M16C MCU families, take note of the following problem:

- With changing the versions of toolchains in High-performance Embedded Workshop

1. Products Concerned
- 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
All the options of SQMlint (the MISRA C rule checker) selected in the current project are deleted if you perform the following procedure:
(1) In High-performance Embedded Workshop, you create a project in which an earlier version of any of the products concerned is selected.
(2) You change the version of the toolchain specified in the project to the version of the toolchain including any of the products concerned.

Consequently, you need to reselect all the options of SQMlint that have already been selected. However, you can use the project as it is if you do not use SQMlint.

3. Workaround

We are supplying the patch for eliminating this problem. For how to obtain this patch, see RENESAS TOOL NEWS Document No. 100910/tn2, published on September 10, 2010.
This item of news is also accessible at:
   https://www.renesas.com/search/keyword-search.html#genre=document&q=100910tn2
This site will be opened from September 16.

4. Schedule of Fixing the Problem

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