

## A Note on Using the C Compiler Packages for the R8C and M16C MCU Families --With Building Projects That Use Real-Time OSes--

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

- With building projects that use real-time OSes

### 1. Products and Versions Concerned

- The C compiler package for the R32C MCU series V.1.02 Release 01
- The C compiler package for the M32C MCU series V.5.42 Release 00
- The C compiler package for the M16C series, R8C family of MCUs 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."

### 2. Description

If you create a project that uses any of the following real-time OSes on High-performance Embedded Workshop and make a build, the configurator operates even if the configuration file (a .cfg file) is not modified:

- Real-time OS M3T-MR100/4 (for the R32C series)
- Real-time OSes M3T-MR308/4 and M3T-MR308 (for the M32C series)
- Real-time OSes M3T-MR30/4 and M3T-MR30 (for the M16C series, R8C family)
- Real-time OS MR8C/4 (for the R8C family)

Note that even if High-performance Embedded Workshop only is updated, this problem is not resolved.

### 3. Workaround

If you have not modified the configuration file, stop the configurator

from operating in a build phase. To do so, follow these steps:

- (1) Open the Build menu and select Build Phases.... The Build Phases dialog box appears.
- (2) In this dialog box, click the Build Order tab.
- (3) In the Build phase order list, uncheck the \*\*\* Configurator check box. Here, symbol \*\*\* denotes the real-time OS you use.
- (4) Click OK.

**NOTICE:**

If you have modified the configuration file, make sure that the \*\*\* Configurator check box has been checked; then make the build.

#### **4. Bug Fix Release**

We are supplying the patch for eliminating this problem. We will inform you when and how we supply it in RENESAS TOOL NEWS.

#### **5. Schedule of Fixing the Problem**

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

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