

## Note on Using C/C++ Compiler Package for M16C Series and R8C Family

When using the C/C++ Compiler Package for M16C Series and R8C Family of MCUs, take note of the following problem:

- With changing the version of the toolchain managed by High-performance Embedded Workshop (an integrated development environment)

### 1. Product and Versions Concerned

C/C++ Compiler Package for M16C Series and R8C Family  
V.5.20 Release 1 through V.6.00 Release 00

### 2. Description

If you change the version of the toolchain managed by High-performance Embedded Workshop, the closing double quotation mark of the parameter of the option in effect may be deleted.

Example: Option `-L -as30 "-S"` modified to `-L -as30 -S`.

If you execute a build under this condition, a warning or error message appears during compilation.

### 3. Conditions

This problem arises if the following conditions are all satisfied:

- (1) An option that is ended by the closing double quotation mark is selected as follows:
  - a. On the Build menu, you click Renesas M16C Standard Toolchain to open the Renesas M16C Standard Toolchain dialog box.
  - b. In the C/C++ tab, you type an option that is ended by the closing double quotation mark into the Options C/C++ text box.  
Example: `-L -as30 "-S"`
- (2) A change is made to the version of the toolchain as follows:  
On the Tools menu, you click Change Toolchain Version.

If you execute a build under the condition that the closing double quotation mark is missing, a warning or error message appears.

Example of a warning:

C1005(W) Can't specified '-finfo' with '-S' option. '-finfo' was ignored.

NOTE: Messages vary with selected options.

#### **4. Workaround**

Except the options used for the assemble commands (-a30 options), remove any of the options involved in this problem from the Options C/C++ text box; then select the option from the dedicated pull-down list or list box.

When you are using the option for any assemble command, check the content of the Options C/C++ text box after making a change to the version of the toolchain. If the closing double quotation mark of the option's character string is missing, add it to the string.

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