RENESAS Tool News

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

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

- With generating Make files by using High-performance Embedded Workshop

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1. Products Concerned
- The C compiler package for the M16C series and the R8C family
  V.5.44 Release 00
- The C compiler package for the R32C series V.1.01 Release 00

2. Description
In High-performance Embedded Workshop, if you create a project that uses the toolchain of either of the products concerned, generate a Make file, and then build the project by using the Make file, either of the following errors appears, and the build cannot be completed. (See NOTE.)

- The system cannot find the path specified.
   ERROR: Process failed with return code: 1
- The filename, directory name, or volume label syntax is incorrect.
   ERROR: Process failed with return code: 1

NOTE:
  To build a project by using a Make file, follow these steps:
  (1) On the Build menu, click Generate Makefile to generate
     a Make file.
  (2) On the Setup menu, click Options to display the Options dialog
     box.
  (3) In this dialog box, select the Use makefile build system
     (for this workspace) check box to build the project.

3. Workaround

To avoid this problem, open the generated Make file by using the editor, and edit the command lines of the assembler and the load module converter as follows:

    Before editing: "$(XXX_ASSEMBLERXX_EXE)" -finfo . . .
    After edited: $(XXX_ASSEMBLERXX_EXE) -finfo . . .

That is, delete the double quotation marks enclosing $(XXX_ASSEMBLERXX_EXE).

4. Schedule of Fixing the Problem

This problem has already been fixed in the following versions:

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