

RENESAS TOOL NEWS on April 16, 2006: RSO-HEW-060416D

A Note on Using the High-performance Embedded Workshop

Please take note of the following problem in using the High-performance Embedded Workshop:

- On the Scan All Dependencies function
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1. Versions Concerned

High-performance Embedded Workshop* V.3.0--V.4.00.03

- * The High-performance Embedded Workshop is bundled with the software products such as compilers that it manages. To check for the version number of your High-performance Embedded Workshop, open the Help menu and select the About High-performance Embedded Workshop command.

2. Description

Clicking the Toolchain Option tab of the Renesas XXX Standard Toolchain dialog box (*1) displays the Support dependency scan of preprocessor statement check box.

If this check box has been checked in a project with which a source file having its size of zero is registered, the High-performance Embedded Workshop may be abnormally terminated when the dependencies of the include files on the header file are scanned and updated (*2).

NOTES:

- *1. This dialog box appears when you open the Build menu and select the Renesas XXX Standard Toolchain command. Here, XXX varies according to products listed in Section 3.
- *2. The scanning of dependencies are performed when you open the Build menu and select the Update All Dependencies command.

Or, they are automatically executed when any one of the following operations is performed:

- (1) creating a workspace
- (2) opening a workspace
- (3) adding a source file
- (4) saving a source file after editing it

3. **Conditions**

This problem occurs if the product with a version concerned manages any one of the following compiler packages:

- (1) C compiler package V.5.30 Release 1--V.5.40 Release 00 for the M32C/80 and M16C/80 eries
- (2) C compiler package V.5.20 Release 1--V.5.40 Release 00A for the M16C/60, M16C/30, M16C/20, M16C/10, M16C/Tiny, and R8C/Tiny series
- (3) C/C++ compiler package V.7.1.03--V.9.00 Release 04 (Windows edition) for the SuperH RISC engine family
- (4) C/C++ compiler package V.5.0.05--V.6.01 Release 01 (Windows edition) for the H8, H8S, and H8SX families
- (5) C compiler package V.4.20 Release 1--V.5.00 Release 00 for the M32R family

4. **Workaround**

Do not register any files with a project if their size is zero.

5. **Schedule of Fixing the Problem**

We plan to fix this problem in the next release of the compiler packages involved one after another.

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