

RENESAS TOOL NEWS on February 1, 2009: 090201/tn2

## A Note on Using High-performance Embedded Workshop --With Debugging Programs That Include Partner-Made Real-Time OSes--

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

- With debugging programs that include partner-made real-time OSes

High-performance Embedded Workshop is bundled with the compilers and other software products that it manages.

---

### 1. Versions Concerned

High-performance Embedded Workshop V.4.04.00 and later

To check to see the version number of your High-performance Embedded Workshop, open the Help menu and select the About High-performance Embedded Workshop command.

### 2. Description

If you debug any program that includes either of the following real-time OSes by using any of the debuggers supporting them (see NOTE), the debugger may not respond quickly or stop responding:

- NORTi--developed by MiSPO Co., Ltd.--used for any of the SH-1, SH-2, SH-2E, SH-3, SH-4, H8SX, H8S, H8/300H, and H8/300H Tiny series MCUs.
- TOPPERS/JSP--developed by TOPPERS Project, Inc.--used for M32C/80 or M16C/60 series MCU.

**NOTE:**

For these debuggers, go to

<http://www.renesas.com/ecxos>

and click Operating Environment on the top left menu of Real-Time OS Aware Debugging.

The above URL is one of our global site (in English).

### 3. Workaround

Debug programs after canceling the registration of the Generic OS ECX components (tools for debugging real-time OSes) in High-performance Embedded Workshop. The procedure for canceling the registration is as follows:

- (1) Start your High-performance Embedded Workshop; then on the Tools menu, select Administration to open the Tools Administration dialog box.
- (2) Out of the Debugger Components list, select Generic OS ECX Components; then click the Unregister button.
- (3) Click Yes on the dialog box for confirmation that appears.
- (4) Click the OK button to close the Tools Administration dialog box.

If you want to make the re-registration of the components, perform the following procedure:

- (1) Click the Register button in the Tools Administration dialog box to open the Select HEW Registration File dialog box.
- (2) In this dialog box, open the folder where High-performance Embedded Workshop has been installed and then the Tools¥Renesas¥DebugComp ¥Ecx¥EcxOS folder to select the EcxOS.hrf file.
- (3) Click the Register button on the confirmation dialog box that appears.
- (4) Click the OK button to close the Tools Administration dialog box.

### 4. Schedule of Fixing the Problem

We plan to fix this problem in the release of High-performance Embedded Workshop V.4.07.00.

---

#### [Disclaimer]

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.