RENESAS Tool News

A Note on Using
the High-performance Embedded Workshop
--On Setting the Monitor--

Please take note of the following problem in using the High-performance Embedded Workshop, an integrated development environment:

- On setting the monitor

1. **Products Concerned**

   The High-performance Embedded Workshops included with the following products are concerned:

   (1) The E10A-USB emulators
       HS0005KCU01H
       HS0005KCU02H

       NOTICE:
       The problem arises if any member of the New_SH-Mobile, SH-4A, and SH-2A device groups of MCUs is targeted for debugging.

   (2) The E6000H emulators used for all the versions of the High-performance Embedded Workshop

   (3) The E6000 emulators used for all the versions of the High-performance Embedded Workshop

       NOTICE:
       In any of the following E6000 emulators, the problem arises if the bus monitor board is connected to it:

       HS2195EPI60H

HS3008EPI60H
HS3644EPI60H
HS3L08EPI60H
HS388REPI60H
HS3800EPI60H

(4) The E200F emulators
R0E0200F0EMU00
R0E0200F1EMU00

2. **Description**
The problem stated below arises when any product concerned is running on Windows XP
Service Pack 2:
Consider the case where the monitor has been set (*1) by selecting WORD (2-byte access),
LONG (4-byte access), or LONGLONG (8-byte access) as the size of access to the memory
to be monitored.
If the operation for clearing the settings of the monitor (*2) is performed after executing
the program, the High-performance Embedded Workshop may abnormally be shut down.

NOTES:

 *1: The monitor can be set as follows:
Open the View menu and select -> CPU -> Monitor ->
Monitor Setting command. The Monitor Setting dialog box
appears. In this dialog box, set the monitor. If you set the
monitor by typing the command in the Command Line
window, the above problem also arises.

 *2: The monitor settings can be cleared by performing any of
the following operations:
- Select Close in the pop-up menu opened on the
Monitor window.
- Open the View menu and select -> CPU -> Monitor ->
Windows Select command. The Windows Select dialog
box appears. In this dialog box, check the Monitor
point check box and click the Remove button.
- Change the Session, Configuration, or Target.
- Open the Debug menu and select the Disconnect or
Initialize command.
- Open the File menu and select the Close Workspace,
Refresh Session, or Exit command.

3. **Workaround**

   If you run the product concerned on Windows XP Service Pack 2, select BYTE (1-byte access) as the size of access to the memory to be monitored.

4. **Schedule of Fixing the Problem**

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