A Note on Using the Simulator Debugger for the SuperH RISC Engine; and for the H8S Families and the H8/300 Series of MCUs
--On Setting Access to Memory Resources--

Please take note of the following problem in using the simulator debugger for the SuperH RISC engine; and the one for the H8S families and H8/300 series of MCUs:

- On setting access to memory resources

1. **Products and Versions Concerned**
   - Simulator debugger V.9.04.00 for the SuperH RISC engine family
     (this is included with the C/C++ compiler package V.9.00.Release 00 through Release 02 for the SuperH RISC engine family)
   - Simulator debugger V.5.03.00 for the H8S family and H8/300 series
     (this is included with the C/C++ compiler package V.6.01.Release 00 for the H8, H8S, and H8SX families)

   To check for the version number of your simulator debugger, follow these steps:

   (1) In the High-performance Embedded Workshop, open the Tool menu and select the Administration command. The Tool Administration dialog box appears.

   (2) Select the name of your simulator debugger in the Registered Components list and click the Properties button. The Properties dialog box opens.

   (3) Click the Information tab, and you see the version number of yours.

2. **Description**
When "Read" is selected as the type of access to a memory resource and a user program is loaded into any area in this memory resource, the type of access to the area where the user program has been loaded is changed to "Read/Write."

3. **Workaround**
   After loading the program, change the type of access to the memory resource by performing the following steps:
   
   (1) In the High-performance Embedded Workshop, open the Option menu and select the Simulator -> Memory Resources command to open the Simulator System dialog box.

   (2) Select the memory resource to which you want to change the type of access, click the Change button, and then open the Set Memory Resource dialog box.

   (3) Select the type you want to use out of the Attribute drop down list box and click the OK button.

   (4) Also click the OK button in the Simulator System dialog box.

4. **Schedule of Fixing the Problem**
   We plan to fix this problem in the release of the simulator debugger V.9.05.00 for the SuperH RISC engine family and the simulator debugger V.5.04.00 for the H8S family and H8/300 series.

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