RENESAS Tool News

Note on Using
the CS+ Integrated Development Environment

When using the CS+ IDE, take note of the problem described in this note regarding the following points.

1. The value of the time display (clock) in the Trace panel being incorrect
2. Point for caution when printing the contents of the Disassemble panel

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1. The Value of the Time Display (Clock) in the Trace Panel Being Incorrect

1.1 Applicable Products
- RH850 Family C Compiler Packages (with IDE)
- CS+ evaluation edition
- CubeSuite+ evaluation edition

Products from the above list for which the version of the CS+ for CC common program is V3.00.00 or a later version or the version number of the CubeSuite+ common program is V2.01.00 to V2.02.01.

To check the version number of the product you have, refer to the following URL.
https://www.renesas.com/cubesuite+_ver

1.2 Descriptions
The "Time (clock)" area of the Trace panel is intended to indicate the differences between the times taken up to instruction execution in each frame or generation of memory access cause. The indicated number is sometimes much bigger than the number in actual execution.
  Applicable emulators: E1 and E20 for the RH850 family
                        IE850 for the RH850 family

1.3 To Check the Measured Clock
Cases where the number indicated in the "Time (clock)" area is dramatically greater than the number in actual execution and is bigger

than "4294967296" satisfy the condition of this note.
The correct measured number can be obtained from the clock as the remainder following division of the displayed number by "4294967296".

Example 1:
The number indicated in the "Time (clock)" area = "4294967299"
The correct measured number = "3"

Example 2:
The number indicated in the "Time (clock)" area = "8589934596"
The correct measured number = "4"

1.4 Workaround
There is no way to prevent this problem.

1.5 Schedule for Fixing the Problem
This problem will be fixed in a later version of the product.

2. Point for Caution When Printing the Contents of the Disassemble Panel
2.1 Applicable Products
- RH850 Family C Compiler Package (with IDE)
- V850 Family C Compiler Package (with IDE)
- RX Family C/C++ Compiler Package (with IDE)
- RL78 Family C Compiler Package (with IDE)
- RL78, 78K Family C Compiler Package (with IDE)
- CS+ evaluation edition
- CubeSuite+ evaluation edition

Products from the above list for which the version of the CS+ for CC common program is V3.00.00 or a later version, the version of the CS+ for CA, CX common program is V3.00.00 or a later version, or the version of the CubeSuite+ common program is V1.01.00 or a later version.

To check the version number of the product you have, refer to the following URL.
https://www.renesas.com/cs+_ver

2.2 Description
When printing the contents of the Disassemble panel, the last line of the first page may not be printed.

2.3 Workaround
Store the contents of the Disassemble panel in a file in the following way, and print the file.

"File" menu -> select "Save Disassemble Data"

2.4 Schedule for Fixing the Problem

This problem will be fixed in a later version of the product.

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