RENESAS Tool News

RENESAS TOOL NEWS on June 1, 2005: RSO-SHC_1-050601D

The C/C++ Compiler Package for the SuperH RISC engine Family Revised to V.8.00 Release 05

We have revised the C/C++ compiler package for the SuperH RISC engine family from V.8.00 Release 04 to V.8.00 Release 05.

1. **Product Concerned**

   C/C++ compiler package V.8 for the SuperH RISC engine family

2. **Description of Revision**

   The following problems have been fixed:

   (1) On incorrect execution encountered when any of the following DSP
   library functions is used in programs for the SH4AL-DSP
   CPU core

   > FftComplex, FftReal, IfftComplex, IfftReal,
   > FftInComplex,
   > FftInReal, IfftInComplex, IfftInReal, Fir,
   > ConvComplete,
   > ConvCyclic, ConvPartial, Correlate, CorrCyclic,
   > MatrixMult,
   > MsPower, and Variance

   NOTICE:
   According to this bug-fixing, the names of the library files
   for the SH4AL-DSP CPU core linked to the main program
   have been modified, depending on compile options you
   use, as follows:

Compile Option	Library File Names	
	Modified	**Original**

-pic=0 -endian=big	sh4aldspnb.lib	sh3dspnb.lib
-pic=1 -endian=big	sh4aldsppb.lib	sh3dsppb.lib
-pic=0 -endian=little	sh4aldspnl.lib	sh3dspnl.lib
-pic=1 -endian=little	sh4aldsppl.lib	sh3dsppl.lib

(2) The eleven problems reported in RENESAS TOOL NEWS
"A Note on Using the C/C++ Compiler Package V.8 for
the SuperH RISC Engine Family" (Doc. No. RSO-SHC-
050216D), issued on February 16, 2005.

NOTE:
The problem on executing the batch file for setting
environmental variables still remain unfixed.
For details of this, see RENESAS TOOL NEWS "A Note on
Using the C/C++ Compiler Packages for the SuperH RISC
Engine; and the H8, H8S and H8SX Families (Windows
Versions Only)" (Doc. No. RSO-SHC_1-050316D), issued
on March 16, 2005.

3. **How to Revise Yours and Order the Revised One**

3.1 Revision (without Charge)
When you are using any of the versions V.8.0.00 through V.8.00 Release 04, free-of-
charge revision is available.

(1) For Windows version
Download the revised product from **HERE**.

(2) For Solaris or HP-UX version
Please supply the following items of information to your
local Renesas Technology sales office or distributor. We
will send you the latest version of the product package by
return:

Host OS	Solaris or HP-UX
Version No.	V.8.00
Release No.	Release 05

NOTICE:

If you need to purchase the V.8 product, order V.8.00 Release 04 and then revise it to V.8.00 Release 05 by performing the procedure explained above.

When you place an order for the V.8 product, supply the followingitems of information to your local Renesas Technology sales office or distributor:

Host OS	Windows, Solaris, or HP-UX
Version No.	V.8.00
Release No.	Release 04

3.2 First Ordering (Chargeable)

We released the C/C++ compiler package V.9 on October 1, 2004. In its latest version, V.9.00 Release 02, the problems described in Section 2 have also been fixed (the problem stated in NOTE at the last of Section 2 remains unfixed though).

So we encourage you to purchase the C/C++ compiler package V.9.00 Release 02 instead of V.8.00 Release 05 if you are going to purchase this compiler package.

When you place an order for the V.9 product, supply the following items of information to your local Renesas Technology sales office or distributor:

Host OS	Windows, Solaris, or HP-UX
Version No.	V.9.00
Release No.	Release 02