RENESAS Tool News

The C/C++ Compiler Package for the H8SX, H8S, and H8 MCU Families Revised to V.6.02 Release 02

We have revised the C/C++ compiler package for the H8SX, H8S, and H8 MCU families V.6.02 Release 01 to V.6.02 Release 02.

1. Product and Versions to Be Updated

The C/C++ compiler package for the H8SX, H8S, and H8 families
V.6.00 Release 00 through V.6.02 Release 01

2. Descriptions of Revision

2.1 High-performance Embedded Workshop Updated

The High-performance Embedded Workshop included in the compiler package has been updated from V.4.04.01 to V.4.07.00. For details of the revision, which was made in four steps, see the following RENESAS TOOL NEWS items:

- Document No. 081125/tn1 (to V.4.05.00) at:
  http://tool-support.renesas.com/eng/toolnews/081125/tn1.htm
- Document No. 090201/tn3 (to V.4.05.01)
  http://tool-support.renesas.com/eng/toolnews/090201/tn3.htm
- Document No. 090701/tn1 (to V.4.06.00)
  http://tool-support.renesas.com/eng/toolnews/090701/tn1.htm
- Document No. 091001/tn1 (to V.4.07.00)
  http://tool-support.renesas.com/eng/toolnews/091001/tn1.htm

2.2 Simulator Debugger Updated

The simulator debugger included in the compiler package has been updated from V.5.06.00 to V.5.08.00. For details of the revision, which was made in two steps, see the following RENESAS TOOL NEWS items:

- Document No. 081216/tn1 (to V.5.07.00)
  http://tool-support.renesas.com/eng/toolnews/081216/tn1.htm

- Document No. 090601/tn2 (to V.5.08.00)
   http://tool-support.renesas.com/eng/toolnews/090601/tn2.htm

2.3 Problems Fixed in the Compiler
The following problems have been fixed:
(1) The two problems reported in RENESAS TOOL NEWS Document No.
   090901/tn2
    - With volatile-qualified local variables and non-volatile-
      qualified global variables (H8C-0084)
    - With member values of structure-type or union-type variables
      (H8C-0085)
   For details of these problems, see:
      http://tool-support.renesas.com/eng/toolnews/090901/tn2.htm
(2) Problem with outputting the following internal errors during
   compilation:
      Error numbers 4098, 4099, 4677, and 4711

2.4 Problems Fixed in the Optimizing Linkage Editor
The following problems, which were reported in RENESAS TOOL NEWS
Document No. 090116/tn2, have been fixed:
 - With overlaying sections with different alignment numbers each
     other (LNK-0004)
 - With using the data_stuff and nooptimize options in linking
     (LNK-0005)
For details of these problems, see:
      http://tool-support.renesas.com/eng/toolnews/090116/tn2.htm

3. How to Update Your Product and Purchase the Revised One
3.1 Updating
When you are using the product to be updated, online update is
available free of charge. Update yours in either of the following ways:
(1) Use AutoUpdate Utility. This service will be available on and after
   December 24.
(2) Download the update program of the product from:
      http://www.renesas.com/h8c_download
   Then execute it. This site will be opened from December 21.

3.2 First Ordering
We have stopped selling the V.6 product of this compiler package.

We released a V.7 product of this compiler package on September 1,
2009: the C/C++ compiler package for the H8SX, H8S, and H8 families
V.7.00 Release 00.

Because the problems fixed in the compiler and the optimizing linkage editor, which are described in sections 2.3 and 2.4 above, have also been fixed in the V.7.00 Release 00 product, you are encouraged to purchase V.7.00 Release 00.

For details of V.7.00 Release 00, see RENESAS TOOL NEWS Document No. 090901/tn3 at:

  http://tool-support.renesas.com/eng/toolnews/090901/tn3.htm

The items of ordering information of the V.7.00 Release 00 product are as follows:

  Product type: C/C++ compiler package for the H8SX, H8S, and H8
                 families
  Version no.:   V.7.00
  Release no.:   Release 00
  Host OS: Windows Vista(R), Windows(R) XP, or Windows(R) 2000
                 NOTICE: The 64-bit edition of Windows Vista(R)
                         excluded.

For the price of the product, contact your local Renesas Technology sales office or distributor.