RENESAS Tool News

A Note on Using the C/C++ Compiler Package for the H8SX, H8S and H8 Families V.6.01 Release 00

Please take note of the following problem in using the C/C++ compiler package for the H8SX, H8S, and H8 families V.6.01 Release 00 (Windows version):

- On using compiler option -indirect at compiling the reset program "resetprg.c"

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1. **Description**

   If compiler option -indirect is used for compiling the reset program "resetprg.c", which has been generated automatically, compile errors (Nos. C2190 and C2240) will arise.

2. **Conditions**

   This problem occurs if the following conditions are all satisfied:

   (1) At creating a new project, "Application" or "Demonstration" is selected out of the Project Types list in the New Project Workspace dialog box of the High-performance Embedded Workshop.

   (2) Compiler option "-indirect=normal" or "-indirect=advanced" is selected to compile the resetprg.c program, which has been generated automatically.

3. **Workaround**

   Modify the prototype declarations of the functions in the resetprg.c program as follows:

   Original:
     void PowerON_Reset(void);
     //void Manual_Reset(void);
   Modified:

```
    __entry(vect=0) void PowerON_Reset(void);
  //__entry(vect=1) void Manual_Reset(void);
```

4. **Schedule of Fixing the Problem**

   Download the DeviceUpdater V.1.05 Release 00, a tool for updating project files, from
   HERE

   And then execute it to update the device data in the C/C++ compiler package for the H8SX,
   H8S, and H8 families V.6.01 Release 00.
   For information on the DeviceUpdater V.1.05 Release 00, see RENESAS TOOL NEWS
   "DeviceUpdater for the SuperH RISC Engine; and H8SX, H8S, and H8 Families Revised to
   V.1.05 Release 00," issued on May 16, 2005.