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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"

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.

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