RENESAS Tool News

Note on Using Integrated Development Environment CubeSuite+ for RX Family

When using the CubeSuite+ package for the RX family of MCUs, take note of the following problem:

- With using the Link option (build option)

1. Products Concerned

 - CubeSuite+ for RX family
 - Free-of-charge evaluation edition of CubeSuite+ with license for RX family

When the V1.01.00 or V1.01.01 product of the common program to the CubeSuite+ packages is used in combination with the C/C++ compiler included in the products concerned, the problem described in Section 2 arises.

2. Problem

If you try to change the beginning address of a group of contiguously placed sections by using the Link Options tab of the property panel in CubeSuite+, the following error message is displayed and you may not change the address:

    Error(E0200001)
    A critical error occurred.
    [Direct Error Cause]
    Index and count must refer to a location within the string.
    Parameter name: count

3. Conditions

If you perform the following procedure, the above error arises:
(1) Click the button (marked with a symbol of ...) at the right end
   of the Section Start Address property in the Link Options tab.
   A table consisting of two columns of Address and Section appears
   in the Section Settings dialog box.
(2) Change the value of the address corresponding to a group of
   contiguously placed sections to a value that is greater than
   before and less than that of the next address in the column.
(3) Click OK.

4. Workarounds

To avoid this problem, do either of the following:
(1) Do not click the OK button immediately after changing an address
   value, but after making the change, select another address or
   section in the table; then click OK.
(2) To change the address, do not use the Section Settings dialog box,
   but use in-place activation.

5. Schedule of Fixing Problem

We plan to fix this problem in the next version of the common program
to the CubeSuite+ packages.