RENESAS Tool News

RENESAS TOOL NEWS on December 16, 2015: 151216/tn1

Integrated Development Environment CS+ Revised to V3.03.00

We will be revising the CS+ integrated development environment from V3.02.00 to V3.03.00.

1. Product and Versions to Be Updated
   CubeSuite+ Common Programs V1.00.00 to V1.03.00 and V2.00.00 to V2.02.00
   CS+ Common Program V3.00.00 to V3.02.00
   For how to confirm which version you currently have, refer to the following URL.
   https://www.renesas.com/cs+_ver

2. Descriptions of Revision
2.1 CS+ Common Programs (with building, debugging, analysis, and other capabilities)
   The common programs of CS+ for CC (RX, RH850, and RL78) have been updated from V3.02.00 to V3.03.00.
   The main items updated in V3.03.00 are as follows.

   (a) Improved basic functions
       Support for the RX130 group of the RX family has been added.

   (b) Elimination of a point for caution on using device information for the RX family
       The problem regarding the following point, of which we informed you in RENESAS TOOL NEWS Document No. 150916/tn1, has been fixed:
       - I/O header files for the RX230 and RX231 groups
       For details of the problem, see RENESAS TOOL NEWS Document No.150916/tn1.
       https://www.renesas.com/search/keyword-search.html#genre=document&q=150916tn1
2.2 Build Tool

(1) CC-RX (build tool for the RX family)
   The version has been upgraded from V2.04.00 to V2.04.01.
   The main items updated in V2.04.01 are as follows:
   (a) Elimination of a point for caution on using the build tool of
      CC-RX
      The problem regarding the following point, of which we informed
      you in RENESAS TOOL NEWS Document No. 151106/tn1, has been
      fixed.
      -"-stack_protector" and "-stack_protector_all" options
      (RXC#037)
      For details of the problem, see RENESAS TOOL NEWS Document
      No.151106/tn1.
   https://www.renesas.com/search/keyword-search.html#genre=document&q=151106tn1
   For details, go to:
    https://www.renesas.com/cubesuite+/CubeSuitePlus_CC-RX.html
   This document will be released on December 21.

   Remark:
   If you are updating from V2.03.00 to V2.04.01, also check the note
   for details of the revision from V2.03.00 to V2.04.00.
   It is at the following URL.
   https://www.renesas.com/cubesuite+/CubeSuitePlus_CC-RX.html
     Changes from V2.03.00 to V2.04.00

2.3 Code Generator
   (1) RX code generator for CS+
   The version has been upgraded from V1.08.00 to V1.09.00.
   The main items updated in V1.09.00 are as follows:
   (a) Addition of supported MCUs
      The following group has been added to the set of supported
      MCUs.
      - RX family: RX130 group

   Refer to Renesas Tool News Document Number 151216/tn6
   "2. Descriptions of Revision" for details of the other items updated
   in V1.09.00. This information will be available on the Web from
   December 21, 2015.
   https://www.renesas.com/search/keyword-
   search.html#genre=document&q=151216tn6

   For details, go to:
https://www.renesas.com/cubesuite+/CubeSuitePlus_Code_Generator_for_RX.html
     This page will be updated on December 21, 2015.

2.4 Device Information

(1) RX device information file managed by CS+ (CS+ for CC)
   The version has been upgraded from V1.09.00 to V1.10.00.
   The main items updated in V1.10.00 are as follows:
   (a) Addition of supported MCUs
      The following MCUs will be added to the supported line.
        - RX130 group
         R5F51305AxFN
         R5F51305AxFM
         R5F51305AxFK
         R5F51305AxFL
         R5F51305AxNE
         R5F51303AxFN
         R5F51303AxFM
         R5F51303AxFK
         R5F51303AxFL
         R5F51303AxNE

   (b) Correction to device information
      The device information relevant to the following MCUs has been
      modified:
        - RX230 group
        - RX231 group

   For details, go to:
    https://www.renesas.com/cubesuite+/CubeSuitePlus_DevInfo_RX.html
   This page will be updated on December 21, 2015.

3. Updating Your Product
   Online updating is available free of charge. The updating methods depend
   on the editions of CS+.

   Note: An evaluation edition of the CC-RL build tool is included if you
        update from CubeSuite+ to CS+ V3.03.00. However, we are unable to
        lift the restrictions on the evaluation edition of CC-RL in
        response to a customer holding a license for an earlier RL78, 78K
        family C compiler package (CA78K0R, CA78K0).
        You need to purchase the commercial edition of RL78 family C
        compiler package (with IDE) V1 (CC-RL) if you wish to have the
        restrictions on the evaluation edition lifted.
        Refer to "5. Purchasing the Product" for details.

3.1 For CS+ V3.00.00 or Later
   To update your program, use either of the following methods:
   (1) On the "Start" menu, select "Programs" and then "Renesas
      Electronics CS+" to start the Update Manager.

This service will be available on and after December 21.

Note: If your CS+ has been launched with rapid startup enabled,
exit the CS+ once, and then run the Update Manager.
If the CubeSuite+ is resident in the notification area of
Windows (system tray) due to rapid startup, an error occurs
and produces the following message:

M0120001
Installation is suspended because "CubeSuiteW+.exe" is
running. It will be resumed next time you start the tool.
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(2) Download the software tools you want from the web site at:
https://www.renesas.com/cs+_download
This program will be available from December 21.

3.2 For CubeSuite+ V2.00.00 to 2.02.00

Update this in the same way as is described above under 3.1.

3.3 For CubeSuite+ V1.03.00 or Earlier

Download and install the evaluation edition of CS+ for CC
V3.03.00 or CS+ for CA, CX V3.01.00 from the following URL:
https://www.renesas.com/cs+_download
The program will be available from December 21.

4. Downloading Evaluation Edition

Before purchasing any of the commercial editions of CS+, you can
evaluate its performance and functionality by using the evaluation
edition of CS+ for CC V3.03.00 or CS+ for CA,CX V3.01.00.
To do so, download the evaluation edition from the Web site at:
https://www.renesas.com/cs+_download
The installer is scheduled for posting on December 21.

You can turn the evaluation edition into the commercial edition when
installing the evaluation edition through the input of a license for
CubeSuite, CubeSuite+, or separately purchased CS+.

Remark: We have no evaluation edition of the license management tool for
floating licenses.

Note: Even if you have a license for V1 of the CA78K0R or CA78K0
C compiler package (conventional C compiler for RL78, 78K family),
the restrictions on the evaluation edition of V1 of the RL78
family C compiler package (CC-RL) will not be lifted, since the
latter is a new product with significantly enhanced capabilities.

If you wish to lift the restrictions, please purchase the commercial edition of V1 of the RL78 family C compiler package (CC-RL).

5. Purchasing the Product
   When ordering, please contact your local Renesas Electronics marketing office or distributor.