

RENESAS TOOL NEWS on November 1, 2012: 121101/tn2

Integrated Development Environment CubeSuite+ Revised to V1.03.00

We have revised the integrated development environment CubeSuite+ from V1.02.01 to V1.03.00.

Note:

CubeSuite+ is not generally promoted to the U.S. and European customers. Customers in the U.S. and Europe who are interested in CubeSuite+ are requested to contact our regional marketing departments for details.

1. Products to Be Updated

CubeSuite+ V1.00.00 through V1.02.01

Note that CubeSuite+ whose common program group has been updated to V1.02.01 should also be updated.

To check to see your product's version, follow these steps:

- (1) Start CubeSuite+.
- (2) On the Help menu, select the About command.
- (3) In the Version information dialog box, see the version number of CubeSuite+.

Here the expression displayed is not CubeSuite+'s Common Program Group, but it shows the version number of this software.

2. Descriptions of Revision

2.1 CubeSuite+'s Common Program Group (with the building, debugging, and analysis capabilities, and others)

This software has been updated from V1.02.01 to V1.03.00.

The main items of update in V1.03.00 are as follows:

- All the capabilities of CubeSuite+'s common program group improved.
- Editor's capabilities improved.
- Debugging tool's capabilities improved.

- Program analyzing tool's capabilities improved.
- Python console's capabilities improved.
- Stack usage estimation tool's capabilities improved.
- Emulator utilities improved.
- Problem fixed. (additional info on Jan. 16, 2013)

We have fixed the problem "With using the 64-bit counter as a timer." For details of the problem,

see RENESAS TOOL NEWS Document No. 120616/tn1. For the other items, see the following Web page.

- Restrictions raised.

For details see the Web page at:

<https://www.renesas.com/cubesuite+/CubeSuitePlus.html>

This page will be updated on November 1, 2012.

2.2 Code Generators

(1) CubeSuite+ RL78, 78K0R, and 78K0 code generator

(CubeSuite+ Code_Generator for RL78_78K)

This generator has been updated from V1.00.05 to V1.00.06.

In V1.00.06, changes have been made to the specifications of code generation for the following MCUs:

- RL78/G1A, RL78/G12, RL78/G13, RL78/G14, RL78/I1A, RL78/F12, and RL78/L12 groups of MCUs (RL78 family)
- 78K0/Kx2-L and 78K0/Ix2 (78K0 MCUs)
- 78K0R/Lx3, 78K0R/Kx3-L, 78K0R/Kx3-A, 78K0R/Kx3, 78K0R/Ix3, and 78K0R/Fx3 (78K0R MCUs)

For details go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_Code_Generator_for_RL78_78K.html

This Web page will be updated on November 1, 2012.

(2) CubeSuite+ V850 code generator

This generator has been updated from V1.00.01 to V1.00.02.

In V1.00.02, changes have been made to the specifications of code generation for the following MCUs:

- V850E/Sx3-H, V850ES/Jx3-H, V850ES/Jx3-E, and V850ES/Jx3 (V850 family)

For details go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_Code_Generator_for_V850.html

This Web page will be updated on November 1, 2012.

2.3 Build Tools

(1) CA78K0

This compiler has been updated from V1.21 to V1.30. In the updated

compiler, the following problem, which was reported in RENESAS TOOL NEWS Document No. 121101/tn1, has been fixed:

- With using the conditional operator (No.77)

For details see the Web page at:

https://www.renesas.com/search/keyword-search.html#genre=document&q=121101tn1_e

This page will be opened on November 6, 2012.

For the other descriptions of update, go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_CA78K0.html

This page will be updated on November 1, 2012.

(2) CA78K0R

This compiler has been updated from V1.41 to V1.50. For details of V1.50, see the Web page at:

https://www.renesas.com/cubesuite+/CubeSuitePlus_CA78K0R.html

This page will be updated on November 1, 2012.

(3) CX

This compiler has been updated from V1.21 to V1.30. For details of V1.30, go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_CX.html

This Web page will be updated on November 1, 2012.

2.4 CubeSuite+ Simulator for RL78 Supporting OS Timer

This simulator has been updated from V3.00.00 to V3.00.01.

In V3.00.01, the following updates have been made:

(1) Conformance to specifications of PMC register

Depending on devices, the PMC register is fixed to 0, or takes a value of 0 or 1.

The revised simulator conforms to these specifications.

(2) Device support

The following MCUs have been added to the support line:

- R5F10266, R5F10267, R5F10268, R5F10269, R5F1026A, R5F10366, R5F10367, R5F10368, R5F10369, R5F1036A, R5F10277, R5F10278, R5F10279, R5F1027A, R5F10377, R5F10378, R5F10379, and R5F1037A (RL78/G12 group)

2.5 Device-Dependent Information

(1) Device-dependent information for CubeSuite+ RL78_78K

(CubeSuite+ DevInfo_RL78_78K)

This information has been updated from V1.00.08 to V1.00.09.

In V1.00.09, the following updates have been made:

(a) Device support

The following MCUs have been added to the support line:

- RL78/D1A and RL78/G1C groups of MCUs (RL78 family)

(b) Modification of device information

The device information relevant to the following MCUs has been modified:

- RL78/L12 group of MCUs (RL78 family)

(c) Addition and Modification of pin-assignment information

The pin-assignment information of the following MCUs has been added:

- RL78/G12, RL78/G13, L78/G14, RL78/G1A, RL78/F12, RL78/I1A, and RL78/L12 groups of MCUs (RL78 family)

The pin configuration information of the following MCUs has been modified:

- 78K0R/Kx3 (78K0R MCUs)

For details see the Web page at:

https://www.renesas.com/cubesuite+/CubeSuitePlus_DevInfo_RL78_78K.html

This Web page will be updated on November 1, 2012.

(2) Device-dependent information of CubeSuite+ V850

(CubeSuite+ DevInfo_V850)

This information has been updated from V1.00.07 to V1.00.08.

In V1.00.08, the following updates have been made:

(a) Device support

The following MCUs have been added to the support line:

- UPD70F4013 and UPD70F4014 (V850E2/SG4-H)
- UPD70F4015 and UPD70F4016 (V850E2/SJ4-H)
- UPD70F4177 and UPD70F4178 (V850E2/FF4-G)
- UPD70F4179 and UPD70F4180 (V850E2/FG4-G)

(b) Modification of device information

The device information relevant to the following MCUs has been modified:

- V850E2/FF4-M
- V850E2/FK4-H and /FL4-H
- UPD70F3592 (V850E2/FK4-G)
- V850E2/PG4-L
- V850E2/FG4, /FJ4, /FK4, and /FL4
- V850E2/FE4-L, /FF4-L, /FG4-L, and /FJ4-L
- UPD70F3505A (V850E2/PG4)
- UPD70F3506, UPD70F3507, UPD70F3508, and UPD70F3509 (V850E2/PJ4)
- V850E2/SK4-H
- UPD70F3792, UPD70F3793, UPD70F3794, UPD70F3795, and UPD70F3796 (V850ES/JG3-L)
- V850ES/JC3-L
- V850ES/JE3-L

The device information relevant to the following MCUs has been removed:

- UPD70F3502, UPD70F3503, and UPD70F3505 (V850E2/PG4)
- UPD70F3504 (V850E2/PJ4)

For details go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_DevInfo_V850.html

This Web page will be updated on November 1, 2012.

(3) Device-dependent information of CubeSuite+ RX (CubeSuite+ DevInfo_RX)

This information has been updated from V1.00.02 to V1.00.03.

For details of V1.00.03, see the Web page at:

https://www.renesas.com/cubesuite+/CubeSuitePlus_DevInfo_RX.html

This page will be updated on November 1, 2012.

2.6 CubeSuite+ Emulator Utility

This utility has been updated from V1.00.03 to V1.00.04.

For details go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_Emulator_Uilities.html

This Web page will be updated on November 1, 2012.

2.7 Update Manager

This update manager has been updated from V2.00.00 to V2.00.01.

For details see the Web page at:

https://www.renesas.com/cubesuite+/CubeSuitePlus_Update_Manager.html

This page will be opened on November 1, 2012.

2.8 Integrated Help

This help has been updated from V1.02.00 to V1.03.00.

For details go to:

https://www.renesas.com/cubesuite+/CubeSuitePlus_Integrated_Help.html

This Web page will be updated on November 1, 2012.

2.9 USB Drivers

USB drivers have been updated as follows:

- (1) USB driver for MINICUBE2 (32-bit edition)
from V1.10.01 to V1.10.03
- (2) USB driver for 78K0 IECUBE (32-bit edition)
from V1.10.01 to V1.10.02
- (3) USB driver for RL78, 78K0R IECUBE (32-bit edition)
from V1.10.01 to V1.10.02
- (4) USB driver for V850 IECUBE (32-bit edition)
from V1.10.01 to V1.10.02
- (5) USB driver for V850 IECUBE2 (32-bit edition)
from V1.10.01 to V1.10.02

(6) USB driver for V850 MINICUBE (32-bit edition)

from V1.10.01 to V1.10.02

(7) USB driver for CubeSuite+ running on 64-bit edition of Windows

from V2.50.02 to V2.61.01

In these latest versions, inadequate warnings do not appear when drivers are set up.

3. Updating Your Product

Online update is available free of charge. The methods of update depend on the editions of CubeSuite+.

3.1 For Commercial Edition of CubeSuite+

To update yours, use either of the following methods:

(1) On the Start menu, select Programs and then Renesas Electronics CubeSuite+ to start the Update Manager.

This service will be provided from November 1, 2012.

Note: If your CubeSuite+ is launched by enabling rapid startup, exit it once and then run the Update Manager.

If your CubeSuite+ is updated when it is resident in the notification area (system tray) by enabling rapid startup, an error arises with the following message:

M0120001

Installation is suspended because "CubeSuite+W.exe" is running.

It will be resumed next time you start the tool.

(2) Download the software tools you want from the Web site at:

https://www.renesas.com/cs+_download

Then install it. The above tools will be published on this November 6.

3.2 For Evaluation Edition of CubeSuite+ V1.02.00 and Later

Use either of the methods explained in Article 3.1 above.

3.3 For Evaluation Edition of CubeSuite+ V1.02.00 Earlier Than V1.02.00

Use the method explained in Article 3.1(2) above.

4. Downloading Evaluation Edition

Before purchasing any of the CubeSuite+ license packs, you can evaluate its performance and functionality by using the evaluation edition of CubeSuite+. To do so, download the evaluation edition from the Web site at:

https://www.renesas.com/cs+_download

The installer will be published on this Web site on November 16, 2012.

If you type any of the licenses of CubeSuite+ or any of those that have been additionally obtained when installing the evaluation edition, you can use it as a commercial edition.

5. Ordering

When ordering, please contact your local Renesas Electronics marketing offices or distributor.

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