

[Upgrade to Revision]

R20TS1047EJ0100

Rev.1.00

CS+ for CA, CX Integrated Development Environment V4.09.00

Jul. 20, 2024

Outline

The CS+ for CA, CX integrated development environment has been updated from V4.08.00 to V4.09.00.

1. Products to be Updated

- CubeSuite+ Common Program:
V1.00.00 to V1.03.00, V2.00.00 to V2.02.00
- CS+ Common Program:
V3.00.00 to V4.08.00

For how to check the version number, refer to the link at https://www.renesas.com/cs+_ver.

2. CS+ for CA, CX: Improved Functionality and Changes

The common programs of CS+ for CA, CX (for 78K, RL78, and V850 families) have been updated from V4.08.00 to V4.09.00.

Section 2.1 describes the point that has been updated.

For details, see the CS+ for CA, CX V4.09.00 release note at the link below. (It will be published on July 22.)

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

2.1 Improved feature of the debug tool

The following feature has been improved. For details, refer to the release note.

2.1.1 Improvement to the operation for the stack area during debugging [RL78]

3. Updating the Product

CS+ can be updated online free of charge. The update method varies depending on the version/revision. See the following and update accordingly.

Note 1: For update of CubeSuite+ to CS+ V3.01.00 or later, the free evaluation edition of the CC-RL build tool is provided.

The license for the C Compiler Package for the RL78 and 78K families (CA78K0R, CA78K0) does not lift the restrictions on the CC-RL free evaluation edition.

In order to lift the restrictions, purchase the commercial edition of the C Compiler Package for RL78 Family V1 (CC-RL).

Note 2: The license for the C Compiler Package for RH850 Family V1 (CC-RH) does not lift the restrictions on the free evaluation edition of V2 (CC-RH) of the package.

In order to lift the restrictions, purchase the commercial edition of the C Compiler Package for RH850 Family V2 (CC-RH).

Note 3: The licenses for the C/C++ Compiler Package for RX Family V1 and V2 (CC-RX) do not lift the restrictions on the free evaluation edition of V3 (CC-RX) of the package.

In order to lift the restrictions, purchase the commercial edition of the C/C++ Compiler Package for RX Family V3 (CC-RX).

Note 4: For how to purchase a compiler package, see [section 5](#).

3.1 CS+ V3.00.00 or Later

Update in either of the following ways.

- (1) Open the Windows Start menu, select [Renesas Electronics CS+], and then run Update Manager. (The service is available as of July 22.)

Note:

If you have started CS+ with the Rapid Startup function enabled, exit CS+, and then run Update Manager.

If the Rapid Startup function is enabled and CS+ is shown in the Windows notification area, the following error message appears.

M0120001

"CubeSuiteW+.exe"

Installation is suspended because "CubeSuiteW+.exe" is running.

It will be resumed next time you start the tool.

- (2) Download and install the desired software tool from the link below. (Tools are available as of July 22.)

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

3.2 CubeSuite+ V2.02.00 or Earlier

Update Manager does not support CubeSuite+ V2.02.00 and earlier.

Download and update to CS+ for CA, CX V4.09.00 from the link below. (V4.09.00 is available as of July 22.)

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

4. Free Evaluation Edition of the Compiler

The compiler included in this product is the free evaluation edition.

Before purchasing a compiler license, you can try its functions and performance with the free evaluation edition.

The free evaluation edition of CS+ for CA, CX is available for download at the link below. (It is available as of July 22.)

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

You can convert the free evaluation edition to the commercial edition by entering a license for CubeSuite, CubeSuite+, or a compiler package.

5. Purchasing the Compiler License

If you use the CS+ IDE for developing products, a compiler package is required. Purchase the one that suits the intended purpose.

Contact your local Renesas Electronics sales office or distributor and inform them of which product you wish to purchase.

For product pricing, contact the sales office or distributor.

CS+ supports the following packages.

- C Compiler Package for RL78 Family Professional Edition
- C Compiler Package for RL78 Family Standard Edition
- C Compiler Package for RL78 and 78K Families
- C Compiler Package for V850 Family

Note:

The compiler packages no longer include the installation medium (CD/DVD) from January 2022.

The installers are available for download at the Renesas website. For information, see [section 3](#), Updating the Product.

For details of the packages, refer to the following links:

- C Compiler Package for RL78 Family: https://www.renesas.com/rl78_c
- C Compiler Package for V850 Family: https://www.renesas.com/v850_c
- C Compiler Package for RL78 and 78K Families: https://www.renesas.com/rl78_78k_c

For the compiler licenses, refer to the link below.

https://www.renesas.com/compiler_licenses

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul.20.24	-	First edition issued

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