[Upgrade to Revision]

C/C++ Compiler Package for RX Family V3.06.00

Outline

C/C++ Compiler Package for RX Family [CC-RX] has been updated from V3.05.00 to V3.06.00.

The license for V3 is required for V3.00.00 and later.

Note: The V1 license is for V1.00.00 to V1.02.01. The V2 license is for V2.00.00 to V2.08.01.

1. Products to Be Updated

CC-RX V3.00.00, V3.01.00, V3.02.00, V3.03.00, V3.04.00, V3.05.00

2. Description

Main changes are as follows. For details, see the release note at the link below.

(The note is applicable as of January 22.)

https://www.renesas.com/rx-c-documentation

C/C++ Compiler Package for RX Family V3.06.00 Release Notes

2.1 Addition of the -ALLOW_OPTIMIZE_ENTRY_BLOCK option

The -ALLOW_OPTIMIZE_ENTRY_BLOCK option, which specifies the entry address of the execution program as a target for optimization, was added to the linker. Use of this option may enlarge the scope of optimization at the time of linkage.

2.2 Modification of the specifications of the -ROM option

The specifications were modified so that wildcard characters can be specified for the -ROM option of the linker.

2.3 Modification of the specifications of environment variables

The specifications were modified so that specifying environment variables PATH and BIN_RX can be omitted.

2.4 Improvement of unnecessary E0562220 error occurrence

In V3.04.00 and V3.05.00, an unnecessary error (E0562220:Illegal mode type "double type size") may occur when all the following conditions are met. This issue has been fixed in V3.06.00.

(1) The -dbl_size=8 or -dpfpu option is specified.

(2) The -rtti=on option is specified.

2.5   Improvement on caution

The following caution no longer applies by the improvement. For details, refer to Tool News.

● RENESAS TOOL NEWS: R20TS0906EJ0100

1. Transferring Data or Calculating String Length in a Loop (No. 66)

For details of the problem, refer to the link below.

https://www.renesas.com/rx-c-documentation

[Notes] C/C++ Compiler Package for RX Family (No. 66)

3.   Updating the Product

3.1   Online update [For Windows only]

On the Windows Start menu, select [Renesas Electronics CS+], and then run the update manager.

(The service is available as of January 22.)

If you are using a floating license, the Software for floating license management V2.04.00 is required. Download and install it from the link below.

https://www.renesas.com/rx-c-download

Software for floating license management V2.04.00

3.2   Download the installer

Download the installer from the link below. (The installer is available as of January 22.)

https://www.renesas.com/rx-c-download

RX Compiler CC-RX V3.06.00

Note that License Manager V2.06.00 is required. Download and install it from the link above.

If you are using a floating license, the Software for floating license management V2.04.00 is also required. Download and install it from the link above.

4.   Purchasing the Product

Contact a Renesas Electronics distributor and inform them of the product information.

The product is also available for purchase online. Visit the product web page at the link below and click on the Buy/Quote button of the desired package.

For product names and orderable part numbers, see the web page.

https://www.renesas.com/rx-c-order

Revision History

Rev.	Date	Description	
		Page	**Summary**
1.00	Jan.16.24	-	First edition issued

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version of a document, or your nearest sales office, please visit:
www.renesas.com/contact/

TS Colophon 4.3