

Outline

When using e² studio integrated development environment, please note the following points.

1. When debugging RX Family devices

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1.1 Applicable Products

e² studio 2024-10

1.2 Applicable Devices

RX Family devices

1.3 Details

If the target program uses FreeRTOS and if the program is built by GCC for Renesas RX, the debug connection will be disconnected when the debugging is started.

1.4 Conditions

It will happen when the target program uses FreeRTOS and if the program is built by GCC for Renesas RX.

1.5 Workaround

This issue can be avoided with the operation:

- Remove FreeRtosDll.dll which is located in DebugComp¥RX¥RtosPlugins folder. The DebugComp folder is extracted into the user's profile folder. Please see [DebugComp, Internal and Utilities folder location of e² studio | Renesas Customer Hub](#) for details.

1.6 Schedule for Fixing the Problem

This problem will be fixed in the next version. (Scheduled to be released in Jan, 2025.)

Also, the update from 'e² studio Update Site' is prepared (scheduled to be uploaded on 29th Nov). Please refer to "4.4 Install new software additionally" of [How to install features additionally in e² studio](#) for the method of the update and update "Renesas RX Debug Support Files".

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Dec.05.24	-	First edition issued

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