[Upgrade to revision]

e² studio Integrated Development Environment V7.3.0

Outline

We have updated the e² studio integrated development environment from V7.2.0 to V7.3.0.
A new version of the compiler product for RX family (CC-RX V3.01.00) is now supported.

For an overview of the product, refer to the URL below.

https://www.renesas.com/e2studio

1. Products and Versions to be Updated

➢ e² studio V7.0.0, V7.1.0 and V7.2.0

To see the version number of e² studio, click the [Help] menu of e² studio and select [About e² studio] to open the dialog box.

2. Main Features of Update

Main features of the update are listed in the sections below. For details, refer to the release note.
(Scheduled to be released on January 21.)
https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut4471ee

2.1 Items Revised

In this update, the known issue regarding the optimization assistant listed in "e² studio 7.2.0 Release Note-Known Issues List" has been fixed. For details about this problem, see section IDE-24686 from the web page below.

e² studio 7.2.0 Release Note - Known Issues List:
https://www2.renesas.eu/_custom/software/ree_eclipse/e2studio7/docs/releasenotes/7.2.0/openissues.htm

2.2 Improved Functionalities

2.2.1 Addition of Supported Compiler for RX Family

Support has been added for the C/C++ Compiler Package V3.01.00 for RX family.
You can now create, build and debug projects using newly added functions of the compiler such as the -dpfpu option to enable double-precision floating-point processing instructions.

For details about the compiler product, see the TOOLNEWS listed below.
[Upgrade to revision] C/C++ Compiler Package for RX Family V3.01.00
https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ts0391

2.2.2 Improved Build Features

➢ Improved functionality of Memory Usage view (Addition of "Device Memory Usage" tab.)

In addition to the total section size of ROM/RAM, a new tab has been added to display the percentages of memory occupation for each division. This makes it easier to determine code/data allocation based on memory usage status.
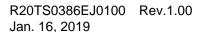
➢ RX Smart Configurator added support for FreeRTOS projects.

You can now use the Smart Configurator to add modules to the FreeRTOS projects created by using the compiler CC-RX.

For features of Smart Configurator, see the web page listed below.

Smart Configurator
https://www.renesas.com/smart-configurator

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2.2.3 Improved Debug Features

➢ Improved functionality of MMU view

The page table has been made simpler by converting some items that were displayed in numeric values to be displayed as text strings.

Additionally, an option for specifying output files has been added to the exporting function of MMU configuration panel. This function can output only required data, allowing you to check the table more easily.

3. Updating Your Product

Download the e^2 studio installer from the URL below for an installation.
(V7.3.0 is scheduled to be released on January 21.)
https://www.renesas.com/e2studio#downloads

Note 1: Read the notes on the download page before starting the installation.

Note 2: There are two types of installers: online installer (web installer) and offline installer. Use the offline installer if you are not connected to the internet or need to download a specific version other than the latest version.

Note 3: Once you updated the e^2 studio, specify a newly created folder as a workspace. If there is an existing project, use the importing function to bring it into the new workspace.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jan. 16, 2019	-	First edition issued

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