[Upgrade to version]

R20TS0019EJ0100 Rev.1.00 Apr. 16, 2016

e² studio Integrated Development Environment V5.0

Outline

e² studio, Eclipse open-source based Integrated Development Environment, updated from V4.3.0.008 to V5.0.0.043.

For an overview of the product, see the following page:

http://www.renesas.com/e2studio

For the details of this version, see the e² studio Release Note:

http://www.renesas.com/search/keyword-search.html#g=r20ut3770ee&genre=document

1. Points Upgraded

1.1 Eclipse/CDT platform updates

- ➤ Update from Eclipse 4.4(Luna) to Eclipse 4.5(Mars) based platform.
- ➤ Update CDT plugin revision from V8.6.0 to V8.8.1.

1.2 Improved features

Build settings report feature

Added a feature to generate "build settings report", a list of compiler and linker options, which helps logging and comparing build options across projects.

- Build feature improvements
 - Section overlay placement for CC-RX and CC-RL projects.

Section overlay descriptions configurable on section setting dialog.

- Memory Usage view supports GCC ARM Embedded compiler.
- Debugger feature improvements
 - Memory view: Image rendering supports zoom operations.
 - Memory view: Added support formats of YCbCr for Image rendering.
 - DMAC/DTC trace view is available for RX64M and RX71M.
- C0 coverage support with RX simulator

RX simulator added support of C0 coverage measurement.

- ➤ Renesas SynergyTM support features improvement
 - Improvements such as Synergy Software Package (SSP) V1.1.0 support.
 - Project generation for S1 series S124 MCU is available as well as debug support.
- Optimization Assistant improvement

Optimization Assistant added supports for GNURX and GNURL78 projects.

1.3 Addition of supported MCUs

- RL78 family: RL78/G1H group

Capable of project generation, code generation, build and hardware debugging.

1.4 Details of fixed problems

The following problem has been fixed.

- RENESAS TOOL NEWS Document No. 160316/tn1
 - Pin settings for the IICA serial interface when setting the PIOR to change the assignment of pin functions Applicable MCUs: RL78/G12 group (20- and 24-pin products)

Please visit here for details of this issue:

http://www.renesas.com/doc/toolnews/eng/2016/160316tn1 e.pdf

2. Updating Your Product

Download an e² studio installer file from the following Web site and install it.

The V5.0.0.043 offline installer and V5.0 Web installer will be published on April 20, 2016.

e² studio download site:

http://www.renesas.com/e2studio_download

- Note 1: Update operations from e² studio V4.3 or older revisions to V5.0 are not possible. Please install V5.0 in a new folder, not over the existing installations.
- Note 2: There are two types of installer, for on-line called "Web installer" and for offline.

 Please use the latest V5.0 Web installer for on-line installation. Older installers should not be applied.

 If internet connections are unavailable, please use the offline installer.

For details, see the instructions on the download site stated above.

Revision History

		Description	
Rev.	Date	Page	Summary
1.00	Apr. 16, 2016	-	First edition issued

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■Inquiry

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