RENESAS Tool News

Eclipse open-source based Integrated Development Environment e^2 studio revised to V2.1 (2.1.0.21)

We have revised the e^2 studio integrated development environment (IDE) for the RX, RL78 (see NOTE), and RH850 (see NOTE) family from V2.0 to V.2.1. The e^2 studio has been released in Europe and Americas since 2012, and the V2.1 will be the first release for RX family in Asia.

NOTE:
Renesas compiler is not supported for RL78 and RH850.

1. e^2 studio feature

e^2 studio consists of the Eclipse (NOTE 1.) open-source based IDE, the CDT plug-ins (NOTE 2.), and Renesas supported plug-ins for RX, RL78, RH850 family of MCUs. It has user-friendly interface conforming to Eclipse, and meets the need to have the same development environment worldwide.

NOTES:
1. Eclipse IDE is provided by Eclipse Foundation and used widely for embedded area worldwide.
2. CDT is C/C++ Development Tooling and consists of tools to develop in C/C++ programming language.

For an overview of e^2 studio, please refer to:
https://www.renesas.com/e2studio
The above URL is one of our global sites.

NOTE:
To install and use the e^2 studio on your PC, you must install the compiler package provided separately.

Available tools for use with e^2 studio are shown in 1.1 and 1.2 below.
To obtain the tools (a) to (g), contact each Renesas region.

1.1 On-chip Debugging Emulator

For RX, RL78, and RH850 family:
(a) E1 Emulator
(b) E20 Emulator

For RX family, Europe and Americas only:
(c) Segger J-Link Emulator provided by SEGGER Microcontroller

Contact Segger for this product information:
http://www.segger.com/

1.2 Compiler

(d) C/C++ Compiler for RX Family V2.00.01
The RX Compiler CC-RX V2.00.01 standalone installer can be downloaded from:
https://www.renesas.com/rx_c_download

(e) GNURX V13.01 or later provided by KPIT Cummins Infosystems Ltd.
The installer of the GNU tools for RX and RL78 family can be downloaded from:
http://www.kpitgnutools.com/

Access the above KPIT website for technical inquiries on GNU tools downloaded from the site.

(f) IAR Embedded Workbench for RX and RL78 family provided by IAR Systems

Contact IAR Systems for this product information:
http://www.iar.com/

(g) Green Hills tool for RH850 provided by Green Hills Software

Contact Green Hills Software for this product information:
http://www.ghs.com/

2. Supported MCU

RX, RL78, and RH850 family MCUs are supported.

NOTE:
Asia will start to support RX family with e^2 studio and will extend the support for other devices in future.

3. How to Obtain the Product

Download the e^2 studio V2.1 installer from:
  https://www.renesas.com/e2studio_download
Then install it. The installer has been published on the Web site on
September 30.
The above URL is one of our global sites.
Automatic Online Update is also available after the e^2 studio
installation.