RENESAS Tool News

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Note on Using Renesas Flash Programmer

When using Renesas Flash Programmer, a software tool for programming flash memory, take note of the following problem:

- With errors arising in FINE (see NOTE) communications with MCUs of the RX100 and RX200 series

- NOTE:
  FINE is a single-wired or double-wired communication interface using the FINE terminal of the MCU. To use the FINE interface, select RX200(FINE) or RX100(FINE) from the Using Microcontroller list box and E1/E20 from the Tool list box.
  Note that Renesas Flash Programmer does not support double-wired communication.

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1. Product and Versions Concerned
   Renesas Flash Programmer
   V2.01.00, V2.01.01, V2.03.00, V2.04.00 and V2.04.01

2. MCUs Involved
   RX100 and RX200 series, RX family of MCUs

3. Description
   When the Renesas Flash Programmer is used in FINE communications between the E1 or E20 emulator and the target MCU, the emulator occasionally drops data it should be receiving from the MCU.
   In such cases, a message to indicate a communications error appears within the main window of the Renesas Flash Programmer.
   Note, however, that when a command was executed or when a new workspace was created normally with no error arising, the operation has proceeded correctly.

4. Workaround

To avoid this problem, execute either of the following:
(1) If a communications error arises during the FINE communications,
re-execute the operation concerned.
(2) When programming the flash ROM of any applicable MCU,
use the two-wire UART interface.

5. Schedule for Fixing the Problem
This problem will be fixed in the V2.05.00 product (to be released
at the beginning of November 2014).
