RENESAS Tool News

The Simulator Debugger for the RX Family of MCUs Revised to V.1.02.00

We have revised the simulator debugger for the RX family of MCUs from V.1.01.00 to V.1.02.00.
This simulator debugger is included in the C/C++ compiler package for the RX family of MCUs.

1. Descriptions of Revision

1.1 Functions Introduced
   (1) The RX200 series of MCUs are supported.
   (2) The OS Trace window and the OS Analyze Window have been introduced.

1.2 Functions Improved
   (1) The window in which standard I/Os are handled has been switched
       from the I/O Simulation window to the Debug Console window.
       The debug console function can redirect the user
       program's standard I/Os to the designated COM port.
   (2) In the program before revision, a function has been provided
       which can choose whether to continue or discontinue the program
       in advance only for one exceptional event (simulation error or
       exception) among all of them if it has arisen.
       After the revision, the function can choose whether to do the
       above or not for each of the following exceptions and traps
       in addition:
         - Undefined-instruction exception
         - Privileged-instruction exception
         - Floating-point exception
         - Unconditional trap by executing INT instruction
         - Unconditional trap by executing BRK instruction
   (3) The Point Trace mode can be used to obtain trace information.
       Note that this mode allows you to obtain information about
       event-established lines only.

2. How to Update Your Product

Online update is available free of charge. Update yours in either of the following ways:

(1) Use AutoUpdate Utility. This service will be available on and after May 24.

(2) Download the update program of the product from:

http://www.renesas.com/rx_sim_download

Then execute it. The update program will be published on this Web site on May 20.