

RENESAS TOOL NEWS on May 16, 2010: 100516/tn2

## The Simulator Debugger for the RX MCU Family Revised to V.1.01.00

We have revised the simulator debugger for the RX MCU family from V.1.00.00 to V.1.01.00. This simulator debugger is included in the C/C++ compiler package for the RX MCU family. For overviews of the simulator debugger, see:

[https://www.renesas.com/rx\\_sim](https://www.renesas.com/rx_sim)

The above URL is one of our global sites.

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### 1. Descriptions of Revision

#### 1.1 Improvements Made

- (1) As a condition for acquiring the trace information, "the event trigger mode" has been introduced. So you can acquire a total of 512 records that appear before and after an event occurs.
- (2) In the break data function, the following conditions have been introduced as data-comparison options:
  - greater than the specified value
  - less than the specified value
  - greater than or equal to the specified value
  - less than or equal to the specified value
  - within the range between the specified values
  - out of the range between the specified values
- (3) The serial communication interface can be used in the peripheral simulation function.
- (4) The caching facility for decoded instructions has been introduced. This holds the result of the decoding of each instruction that has been executed and uses the result of the decoding afterwards when the same instruction is executed. This function much increases simulation speed when the same processing is performed repetitively.
- (5) Interrupt functions can be stepped out.
- (6) You can connect, and disconnect the simulator debugger with the High-performance Embedded Workshop, the simulator debugger by clicking the Connect button and the Disconnect button on the

toolbar, without switching between session files.

## 1.2 Made Compatible with Windows 7

The simulator debugger has been made compatible with the 64-bit and 32-bit editions of Windows 7.

## 2. How to Update Your Simulator Debugger

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

- (1) Use AutoUpdate Utility. This service will be provided from May 25 on.
- (2) Download the update program of the product from:

[https://www.renesas.com/rx\\_sim\\_download](https://www.renesas.com/rx_sim_download)

Then execute it. This Web site will be opened from May 20.

Note that not the compiler package but the simulator debugger only is updated in either of the above ways.

The above URL is one of our global sites.

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