

Corrections to "RI850V4 Real-time OS User's Manual: Coding" of Real-time OS RI850V4 (for V850 Family and Supported by CubeSuite+)

We are notifying customers about corrections to "RI850V4 Real-time OS User's Manual: Coding" of Real-time OS RI850V4 for V850 Family.

1. Document Concerned

The following manual and the help file are attached to the product.

Title: RI850V4 Real-Time Operating System User's Manual: Coding

Document No.: R20UT0515EJ0100

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut0515>

2. Corrections

2.1 Page 22, Section 2.6, Coding Directive File

Rectify the list of section names as follows:

Section Name	Section Attribute	Section Type	ROM/RAM	Description
.kernel_const	R	PROGBITS	ROM	System information table
.kernel_system	RX	PROGBITS	ROM/RAM	Kernel common module, Kernel module
.kernel_data	RW	NOBITS	RAM	System base table,, Task ready queue, Timer queue,

				Management block of each object
.kernel_work	RW	NOBITS	RAM	System stack,, Task stack, Data queue area, Fixed-Sized Memory Pool, Variable-Sized Memory Pool

2.2 Page 350, Note 2 under item 5) System stack size: stksz

Incorrect: The memory area for system stack is secured from the ".kernel_data section".

Correct: The memory area for system stack is secured from the ".kernel_work section".

2.3 Page 354, Note 2 under item 6) Task stack size: stksz, memory area name:

mem_area

Incorrect: If specification of mem_area is omitted, the task stack is allocated to the .kernel_data section.

Correct: If specification of mem_area is omitted, the task stack is allocated to the .kernel_work section.

2.4 Page 358, Note under item 3) Data count: dtqcnt, memory area name: mem_area

Incorrect: If specification of mem_area is omitted, the data queue is allocated to the .kernel_data section.

Correct: If specification of mem_area is omitted, the data queue is allocated to the .kernel_work section.

2.5 Page 361, Note under item 4) Basic block size: blkosz, memory area name:

mem_area

Incorrect: If specification of mem_area is omitted, the fixed-sized memory pool is allocated to the .kernel_data section.

Correct: If specification of mem_area is omitted, the fixed-sized memory pool is allocated to the .kernel_work section.

2.6 Page 362, Note under item 3) Pool size: mpsz, memory area name: mem_area

Incorrect: If specification of mem_area is omitted, the variable-sized memory pool is allocated to the .kernel_data section.

Correct: If specification of mem_area is omitted, the variable-sized memory pool is allocated to the .kernel_work section.

2.7 Page 370, 18.6 Memory Capacity Estimation

(1) Under the heading of subsection 18.6.1

Incorrect: 18.6.1 .kernel_const section

Correct: 18.6.1 .kernel_work section

(2) Overview of subsection 18.6.1

Incorrect: ...assigned to the .kernel_const section (unit: bytes).

Correct: ...assigned to the .kernel_work section (unit: bytes).

(3) Title of Table 18-1

Incorrect: Table 18-1 .kernel_const Section Size Calculation Method

Correct: Table 18-1 .kernel_work Section Size Calculation Method

2.8 Page 371

(1) Under the heading of subsection 18.6.2

Incorrect: 18.6.2 .kernel_info section

Correct: 18.6.2 .kernel_const section

(2) Overview of subsection 18.6.2

Incorrect: ...assigned to the .kernel_info section (unit: bytes).

Correct: ...assigned to the .kernel_const section (unit: bytes).

(3) Title of Table 18-2

Incorrect: Table 18-2 .kernel_info Section Size Calculation Method

Correct: Table 18-2 .kernel_const Section Size Calculation Method

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