RENESAS Tool News

A Note on Using
the MISRA C Rule Checker SQMlint

Please take note of the following problem in using the MISRA C rule checker SQMlint:

- With using options "MISRA2004" and "Group definition file"

1. Versions Concerned

The MISRA C rule checker SQMlint
V.1.00 Release 1 through V.1.03 Release 00

2. Description

When you use any of the versions concerned together with any of the compiler packages to be published in and after September 2007,* opening the Renesas xxx Standard Toolchain dialog box and clicking the Compilers tab in the compiler will include MISRA C rule check in the Categories list. And selecting either of these may provide "MISRA2004" and "Group definition file**" (newly introduced options) as options for SQMlint.
If you select the above two options, an error will arise at a build because no versions concerned support these options.
So, to avoid this problem, select option "MISRA1998" instead of "MISRA2004" when you use any of the versions concerned together with a compiler that is involved.
Options "MISRA2004" and "Group definition file" will be supported by SQMlint V.2.00 and later.
We will inform you when SQMlint V.2.00 is released in RENESAS TOOL NEWS.

*The following compiler packages to be published in September 2007 will be included:
 - The C compiler package for the R32C/100 MCU series V.1.01 Release 00
 - The C/C++ compiler package for the 8SX, H8S, and H8 MCU families

V.6.02 Release 00

   **When using the C compiler package for the R32C/100, "Rule define file"
     appears instead of "Group definition file."