

A Note on Using SQMLint (the MISRA C Rule Checker) --On a Violation of Rule 60--

Please take note of the following problem in using the SQMLint (the MISRA C rule checker, which extends the functionality of our compilers):

- On a violation of Rule 60
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1. Versions Concerned

SQMLint V.1.00 Release 1 and V.1.01 Release 00

2. Description

Consider that in an "if-else if-else" construct, the program statement of the second else contains an if statement without an else. Though this does not violate Rule 60 in MISRA C, an error message may appear.

2.1 Conditions

This problem occurs if the following conditions are all satisfied:

- (1) There exists an if-else if-else construct.
- (2) The program statement of the second else in (1) is enclosed with braces.
- (3) The program statement in (2) contains an if statement without an else.

2.2 Example

```
-----  
void func(void)  
{  
    if( 1 ){                // Condition (1)
```

```
.....  
  
} else if( 1 ) {  
  
.....  
  
} else {           // Condition (2)  
  if( 1 ){        // Condition (3)  
  
.....  
  
  }  
}  
}  
}
```

3. Workaround

Neglect the error message appearing under the conditions stated in 2.1.

4. Schedule of Fixing the Problem

We plan to fix this problem in our next release of the product.

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