

A Note on Using the SQMLint (the MISRA C Rule Checker) --On Using the `__sectop()` and `__secend()` Operators--

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

- On using the `__sectop()` and `__secend()` operators

1. Versions Concerned

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

2. Description

Using the `__sectop()` or `__secend()` operator as the initial value of a pointer pointing to a function violates Rule 1, displaying the message "not assignable type (void *) for type (void (*)(void))"

2.1 Conditions

This problem occurs if the following conditions are all satisfied:

- (1) A pointer pointing to a function is declared.
- (2) The `__sectop()` or `__secend()` operator is used as the initial value of the pointer in (1).

2.2 Example

```
-----  
extern void func(void);
```

```
void (*fp_array[])(void) = {  
    func,  
    __secend("S")  
};
```

};

3. **Workaround**

Neglect the message provided when either operator in 2.1 (2) is used.

4. **Schedule of Fixing the Problem**

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

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