O Quick 14



RPG Ruby Scala Swift

Text **TypeScript**

Terraform

T-SQL

VB.NET

VB6

XML



ΑII 311

rules

C static code analysis

6 Vulnerability 13

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your C code

n Bug 74

o Security

Tags

Hotspot

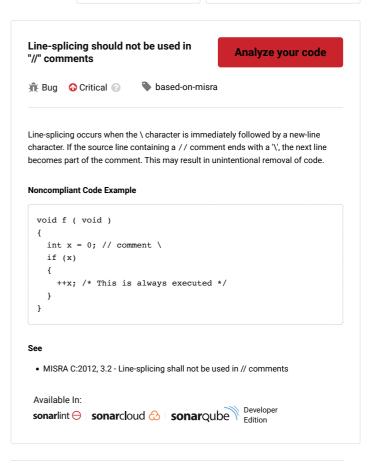
18

"memset" should not be used to delete sensitive data
POSIX functions should not be called with arguments that trigger buffer overflows
XML parsers should not be vulnerable to XXE attacks
Function-like macros should not be invoked without all of their arguments
♣ Bug
The address of an automatic object should not be assigned to another object that may persist after the first object has ceased to exist
🖟 Bug
"pthread_mutex_t" should be unlocked in the reverse order they were locked
♣ Bug
"pthread_mutex_t" should be properly initialized and destroyed
👚 Bug
"pthread_mutex_t" should not be consecutively locked or unlocked twice
♣ Bug
Functions with "noreturn" attribute should not return

👬 Bug

👬 Bug

"memcmp" should only be called with pointers to trivially copyable types with no padding



Smell 206

Search by name.

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Stack allocated memory and nonowned memory should not be freed

R
Bug

Closed resources should not be
accessed
Bug

Dynamically allocated memory should
be released
Bug

Freed memory should not be used