



ABAP

Арех Арех

C C

C++

CloudFormation

COBOL COBOL

C# C#

css

⊠ Flex

GO Go

5 HTML

🐇 Java

Js JavaScript

Kotlin

Kubernetes

ó Objective C

PHP

PL/I

PL/SQL

Python

RPG RPG

Ruby

Scala

Swift

Terraform

Text

TS TypeScript

T-SQL

VB VB.NET

VB6 VB6

XML XML



C++ static code analysis

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

Tags

"memset" should not be used to delete sensitive data Vulnerability POSIX functions should not be called with arguments that trigger buffer overflows ♠ Vulnerability XML parsers should not be vulnerable to XXE attacks ■ Vulnerability 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 Assigning to an optional should directly target the optional 📆 Bug Result of the standard remove algorithms should not be ignored 📆 Bug "std::scoped_lock" should be created with constructor arguments

📆 Bug

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📆 Bug

Objects should not be sliced

Immediately dangling references

"pthread_mutex_t" should be unlocked in the reverse order they were locked

"pthread_mutex_t" should be properly

"pthread_mutex_t" should not be consecutively locked or unlocked

initialized and destroyed

should not be created

"abort", "exit", "getenv" and "system" Analyze your code from <stdlib.h> should not be used cert misra-c++2008 misra-c2004 🗣 Rug Oritical misra-c2012 <stdlib.h>'s abort, exit, getenv, and system have implementation-defined behaviors, and should therefore be avoided. **Noncompliant Code Example** #include <stdlib.h> void f() { exit(0); // Noncompliant See • MISRA C:2004, 20.11 - The library functions abort, exit, getenv and system from library <stdlib.h> shall not be used. • MISRA C++:2008, 18-0-3 - The library functions abort, exit, getenv and system from library <cstdlib> shall not be used. • MISRA C:2012, 21.8 - The library functions abort, exit, getenv and system of <stdlib.h> shall not be used Available In: sonarlint ⊖ | sonarcloud む | sonarqube |

Search by name...

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I
🖟 Bug
"std::move" and "std::forward" should not be confused
∰ Bug
A call to "wait()" on a "std::condition_variable" should have a condition
n Bug
A pointer to a virtual base class shall only be cast to a pointer to a derived class by means of dynamic_cast
ਜ਼ਿ Bug
Functions with "noreturn" attribute should not return
👬 Bug
RAII objects should not be temporary
्रे Bug
"memcmp" should only be called with pointers to trivially copyable types with no padding
🙃 Bug
"memcpy", "memmove", and "memset" should only be called with pointers to trivially copyable types
🙃 Bug
"std::auto_ptr" should not be used
n Bug
Destructors should be "noexcept"
🖟 Bug