



Flex

Go

5 HTML

JavaScript

Kotlin

Java

Kubernetes

Objective C

PHP

PL/I

PL/SQL

Python

RPG

Ruby

Scala

Swift

Terraform

Text

TypeScript

T-SQL

VB.NET

VB6

XML



Vulnerability

📆 Bug

Function-like macros should not be

The address of an automatic object

object that may persist after the first

should not be assigned to another

Assigning to an optional should

Result of the standard remove

with constructor arguments

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

algorithms should not be ignored

"std::scoped_lock" should be created

directly target the optional

object has ceased to exist

invoked without all of their arguments

C++ static code analysis

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

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our code
ent is redundant other value or

void setValue(int value) { value = value; } **Compliant Solution** void setValue(int value) { this->value = value; } • CERT, MSC12-C. - Detect and remove code that has no effect or is never executed Available In: sonarlint in sonarcloud color sonarqube Developer Edition

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🖟 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
🖟 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