O Quick 68 Fix





Flex

Go =GO

HTML 5

Java

JavaScript

Kotlin

Kubernetes

Objective C

PHP

PL/I

PL/SQL

Python

RPG

Ruby

Scala

Swift

Terraform

Text

TypeScript

T-SQL

VB.NET

VB6

XML



C++ static code analysis

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

Security Hotspot

Tags

All (578) ules	6 Vulnerability 13	∰ Bug (1
"memset" s sensitive da	•••	e C
POSIX func	tions should not be called ents that trigger buffer	
overflows • Vulneral	pility	Co
XML parsers should not be vulnerable to XXE attacks		No.
6 Vulneral	pility	
	e macros should not be hout all of their arguments	Co
The address of an automatic object should not be assigned to another object that may persist after the first object has ceased to exist		E)
∰ Bug		
	o an optional should let the optional	
∰ Bug		©
algorithms	e standard remove should not be ignored	So
R Bug		
-	d_lock" should be created uctor arguments	

📆 Bug

📆 Bug

📆 Bug

📆 Bug

📆 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

Control characters should not be Analyze your code used in literals pitfall Control characters aren't visible to maintainers, so they should be escaped. **Noncompliant Code Example** const char* foo = "A B"; // Noncompliant, contains a tabu **Compliant Solution** const char* foo = "A\tB"; // Compliant, use escaped value **Exceptions** Raw string literals has no escape character mechanism. Available In: sonarlint sonarcloud sonarqube Develop Edition Developer

⊕ Code (436)

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