

-GO Go 5 HTML

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



Bug

Bug

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

"pthread_mutex_t" should be properly

C++ static code analysis

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

All 578 rules	6 Vulnerability 13	R Bug (111)	Security Hotspot	• Code 436 Smell	Quick 68 Fix
			Tags	∨ Search by	y name

"memset" should not be used to delete Comparison operators should not sensitive data Analyze your code be virtual 6 Vulnerability cppcoreguidelines pitfall POSIX functions should not be called with arguments that trigger buffer overflows Making a comparison operator virtual implies that you want to compare objects ♠ Vulnerability of different types by overriding operator==, for instance, in a subclass to compare instances of the base class with instances of the subclass. But polymorphic comparison operators are very difficult to get right, and are actually questionable in XML parsers should not be vulnerable concept. After all, can two objects with only a few common members really be equal? to XXE attacks This rule raises issues on virtual comparison operators. Vulnerability Noncompliant Code Example Function-like macros should not be invoked without all of their arguments struct Foo { ₩ Bug virtual bool operator == (const Foo &other) const; // Noncomp virtual bool operator!=(const Foo &other) const; // Noncomp The address of an automatic object should not be assigned to another object that may persist after the first object has ceased to exist **Compliant Solution** 👬 Bug struct Foo { bool operator==(const Foo &other) const; Assigning to an optional should bool operator!=(const Foo &other) const; directly target the optional }; # Bug Result of the standard remove • C++ Core Guidelines C.87 - Beware of == on base classes algorithms should not be ignored 👬 Bug Available In: Developer sonarlint ⊖ | sonarcloud 👌 | sonarqube 🤊 "std::scoped_lock" should be created with constructor arguments 👬 Bug © 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of Objects should not be sliced owners. All rights are expressly reserved.
Privacy Policy # Bug Immediately dangling references should not be created

SonarSource S.A. All other trademarks and copyrights are the property of their respective

initialized and destroyed

in Bug

"pthread_mutex_t" should not be consecutively locked or unlocked twice

in Bug

"std::move" and "std::forward" should not be confused

in Bug

A call to "wait()" on a "std::condition_variable" should have a