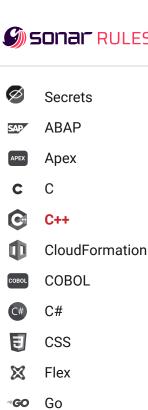
Quick 68 Fix





8 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



578

6 Vulnerability 13

ΑII

rules

## C++ static code analysis

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

**R** Bug 111

o Security

Tags

Hotspot

18

"memset" should not be used to delete sensitive data
<b>⑥</b> Vulnerability
POSIX functions should not be called with arguments that trigger buffer overflows
<b>☆</b> Vulnerability
XML parsers should not be vulnerable to XXE attacks
<b>⑥</b> 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
<b>∰</b> Bug
Result of the standard remove algorithms should not be ignored
<b>∰</b> Bug

"std::scoped\_lock" should be created

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

📆 Bug

📆 Bug

📆 Bug

📆 Bug

📆 Bug

defined, re	defined or undefine	ed	Allalyz	e your code	
Code Smell		based-or suspicion		rocessor	
	predefined macros, suc se by the implementation				-
This rule chec	ks that the following pre				d, oı
TIMESTAM	sert, errno,FILE_ P,COUNTER,				nd
TIMESTAM _Pragma.					nd
TIMESTAM _Pragma.	P,COUNTER, t Code Example				nd
TIMESTAM _Pragma.  Noncomplian	P,COUNTER, t Code Example				nd
TIMESTAM_Pragma.  Noncomplian  #undef  See  • MISRA C:	P,COUNTER, t Code Example _LINE 2004, 20.1 - Reserved id	INCLUDE_LE	os and functi	SE_FILE, an	
TIMESTAM_Pragma.  Noncomplian  #undef  See  MISRA C: library sh	t Code Example  LINE  2004, 20.1 - Reserved id	entifiers, maci	os and functi	ons in the stan	
TIMESTAM_Pragma.  Noncomplian  #undef  See  • MISRA C: library sh. • MISRA C-	P,COUNTER, t Code Example _LINE 2004, 20.1 - Reserved id	entifiers, maci ned, or undefir	os and functi led macros and fi	ons in the stan	

**⊗** Code (436)

Search by name...

Smell

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🖟 Bug
"std::move" and "std::forward" should not be confused
<b>∰</b> 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
<b>ਜ਼ਿ</b> 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
<b>n</b> Bug
Destructors should be "noexcept"
🖟 Bug