



C++

CloudFormation

COBOL COBOL

C# C#

CSS

⊠ Flex

€60 Go

HTML

Java

Js JavaScript

Kotlin

Kubernetes

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



Objective C static code analysis

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

All 315 rules

• Vulnerability 10

• Bug 75
• Security 18
• Hotspot

• Security 18
• Smell
• Quick 13
• Fix

Tags

"memset" should not be used to delete sensitive data Vulnerability POSIX functions should not be called with arguments that trigger buffer overflows ■ 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 "pthread_mutex_t" should be unlocked in the reverse order they were locked 🖷 Bug "pthread_mutex_t" should be properly initialized and destroyed 📆 Bug "pthread_mutex_t" should not be consecutively locked or unlocked twice 📆 Bug

Functions with "noreturn" attribute

"memcmp" should only be called with pointers to trivially copyable types

Stack allocated memory and nonowned memory should not be freed

Closed resources should not be

Dynamically allocated memory should

should not return

with no padding

📆 Bug

📆 Bug

📆 Bug

accessed

📆 Bug

be released

📆 Bug

Function pointers should not be Analyze your code converted to any other type based-on-misra based 📆 Bug 🔷 Major 🕝 Conversion of a function pointer to a different type of pointer results in undefined behaviour. This means, for example, that a pointer to a function cannot be converted to a pointer to a different type of function. **Noncompliant Code Example** int f(int a) float (*p)(float) = (float (*)(float)) & f; // Noncompliant See • MISRA C:2004, 11.1 - Conversions shall not be performed between a pointer to a function and any type other than an integral type. MISRA C++:2008, 5-2-6 - A cast shall not convert a pointer to a function to any other pointer type, including a pointer to function type. • MISRA C:2012, 11.1 - Conversions shall not be performed between a pointer to a function and any other type Available In: sonarcloud 🚳 | sonarqube | Developer

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Privacy Policy

Freed memory should not be used Recursion should not be infinite Bug Recursion should not be infinite Bug Resources should be closed Bug Resources should be closed Code Smell Switch labels should not be nested inside non-switch blocks Code Smell Memory access should be explicitly bounded to prevent buffer overflows Replication should not lead to unexpected behavior at runtime Bug Recursion should not be infinite Security Bug Resources should be closed Code Smell Switch labels should not be nested inside non-switch blocks Code Smell	
Memory locations should not be released more than once	Freed memory should not be used
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