



ABAP

- APEX Apex
- **c** c
- C++
- CloudFormation
- COBOL COBOL
- C# C#
- CSS
- X Flex
- **€O** Go
- 5 HTML
- 近 Java
- Js JavaScript
- Kotlin
- Kubernetes
- **©** Objective C
- PHP PHP
- PL/I
- PL/SQL 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

Pulnerability 10 Bug 75 Security 18 Code 212
Hotspot Smell Fix

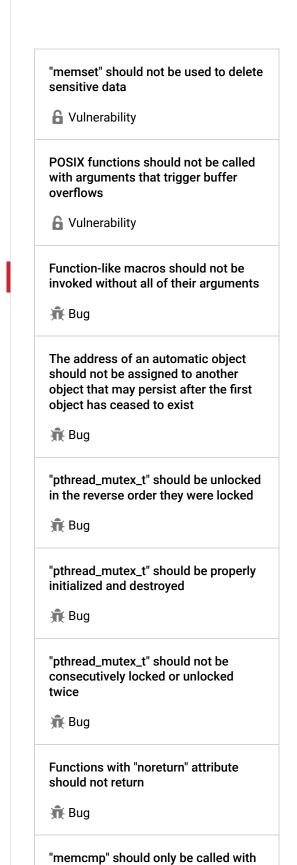
Tags

• MISRA C++ 2008, 5-0-4

misinterpreted data

sonarcloud 🔂 | sonarqube

Available In:



pointers to trivially copyable types

Stack allocated memory and nonowned memory should not be freed

Closed resources should not be

Dynamically allocated memory should

with no padding

🖷 Bug

📆 Bug

accessed

📆 Bug

be released

📆 Bug

```
Signed and unsigned types should
                                                Analyze your code
not be mixed in expressions
☼ Code Smell ♥ Minor ②
                                based-on-misra cert
Some signed to unsigned conversions may lead to implementation-defined behavior.
This behavior may not be consistent with developer expectations.
If you need to mix signed and unsigned types, you should make your intent explicit by
using explicit casts and avoiding implicit casts.
This rule will detect implicit conversions that change the signedness.
Noncompliant Code Example
  void f(int a) {
    unsigned int b = a; // Noncompliant
    int c = (a > 0) ? a : b; // Noncompliant
    if (a > b) \{ // Noncompliant
      // ...
  }
Compliant Solution
  void f(int a) {
    unsigned int b = static_cast<unsigned int>(a); // Compliant
See
```

Search by name...

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved.

Privacy Policy

• CERT, INT31-C. - Ensure that integer conversions do not result in lost or

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
released more than once ## Bug Memory access should be explicitly bounded to prevent buffer overflows ## Bug Printf-style format strings should not lead to unexpected behavior at runtime ## Bug Recursion should not be infinite ## Bug Resources should be closed ## Bug Hard-coded credentials are security-sensitive ## Security Hotspot "goto" should jump to labels declared later in the same function ## Code Smell Only standard forms of the "defined" directive should be used ## Code Smell Switch labels should not be nested inside non-switch blocks	₩ Bug
Memory access should be explicitly bounded to prevent buffer overflows Bug Printf-style format strings should not lead to unexpected behavior at runtime Bug Recursion should not be infinite Bug Resources should be closed Bug Hard-coded credentials are security-sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	
Printf-style format strings should not lead to unexpected behavior at runtime	∰ Bug
Printf-style format strings should not lead to unexpected behavior at runtime Bug Recursion should not be infinite Bug Resources should be closed Bug Hard-coded credentials are security-sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	
lead to unexpected behavior at runtime Bug Recursion should not be infinite Bug Resources should be closed Bug Hard-coded credentials are security-sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	Rug
Recursion should not be infinite Resources should be closed Bug Hard-coded credentials are security- sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	lead to unexpected behavior at
Resources should be closed Bug Hard-coded credentials are security- sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	Rug
Resources should be closed **Bug Hard-coded credentials are security- sensitive **Security Hotspot "goto" should jump to labels declared later in the same function **Code Smell Only standard forms of the "defined" directive should be used **Code Smell Switch labels should not be nested inside non-switch blocks	Recursion should not be infinite
Hard-coded credentials are security- sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	∰ Bug
Hard-coded credentials are security- sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	Resources should be closed
sensitive Security Hotspot "goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	n Bug
"goto" should jump to labels declared later in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	
Iater in the same function Code Smell Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	Security Hotspot
Only standard forms of the "defined" directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	
directive should be used Code Smell Switch labels should not be nested inside non-switch blocks	Code Smell
Switch labels should not be nested inside non-switch blocks	
inside non-switch blocks	
Code Smell	