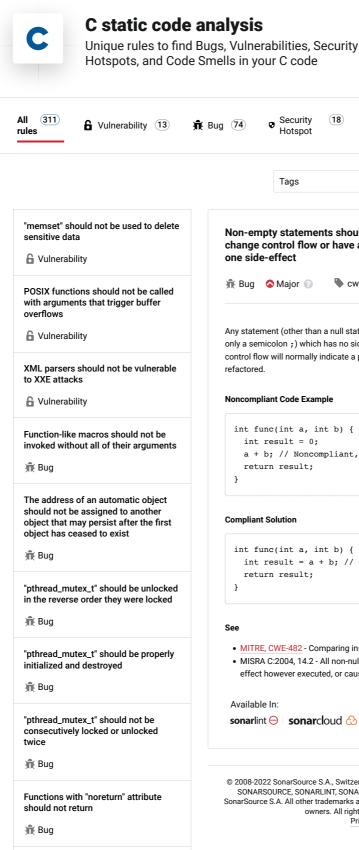
O Quick 14





XML



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

with no padding

🖷 Bug

Non-empty statements should change control flow or have at least Analyze your code one side-effect cwe based-on-misra unused 👬 Bug 🔷 Major 🕙 Any statement (other than a null statement, which means a statement containing only a semicolon;) which has no side effect and does not result in a change of control flow will normally indicate a programming error, and therefore should be refactored. Noncompliant Code Example int func(int a, int b) { int result = 0; a + b; // Noncompliant, no side effect. return result: Compliant Solution int func(int a, int b) { int result = a + b; // Compliant return result; } • MITRE, CWE-482 - Comparing instead of Assigning • MISRA C:2004, 14.2 - All non-null statements shall either have at least one sideeffect however executed, or cause control flow to change. Available In: sonarlint ⊖ | sonarcloud ♦ | sonarqube | Developer Edition © 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of

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18

Stack allocated memory and nonowned memory should not be freed

R
Bug

Closed resources should not be
accessed
Bug

Dynamically allocated memory should
be released
Bug

Freed memory should not be used