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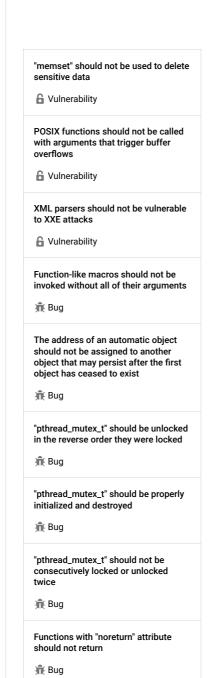
XML XML



C static code analysis

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

Tags



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

with no padding

🖷 Bug

```
Closed resources should not be
                                               Analyze your code
accessed
📆 Bug \phantom 🕕 Blocker 🕝
                          symbolic-execution cert
Using the value of a pointer to a FILE object after the associated file is closed is
undefined behavior
Noncompliant Code Example
  void fun() {
    FILE * pFile;
    pFile = fopen(fileName, "w");
    if (condition) {
      fclose(pFile);
    fclose(pFile); // Noncompliant, the file has already been c
Compliant Solution
  void fun() {
    FILE * pFile;
    pFile = fopen(fileName, "w");
    if (condition) {
    fclose(pFile);

    CERT FIO46-C - Do not access a closed file

 Available In:
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```

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Stack allocated memory and nonowned memory should not be freed

🕕 Bug

Closed resources should not be accessed

<table-of-contents> Bug

Dynamically allocated memory should be released

👬 Bug

Freed memory should not be used