O Quick 14





- Python **RPG**
- Ruby
- Scala
- Swift
- Terraform
- Text
- TypeScript
- T-SQL
- **VB.NET**
- VB6
- XML



ΑII 311

rules

## C static code analysis

6 Vulnerability (13)

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

**n** Bug 74

o Security

Tags

Hotspot

18

"memset"	should not be used to delete
6 Vulnera	ability
	ctions should not be called nents that trigger buffer
<b>읍</b> Vulnera	ability
XML parse to XXE atta	ers should not be vulnerable acks
<b>6</b> Vulnera	ability
	ike macros should not be ithout all of their arguments
🕕 Bug	
should not object that	ss of an automatic object be assigned to another may persist after the first ceased to exist
🕀 Bug	
	nutex_t" should be unlocked rse order they were locked
<table-of-contents> Bug</table-of-contents>	
	nutex_t" should be properly and destroyed
👬 Bug	
	nutex_t" should not be vely locked or unlocked
👬 Bug	
Functions should not	with "noreturn" attribute return
👬 Bug	
	" should only be called with o trivially copyable types

👬 Bug

```
Redundant casts should not be
                                             Analyze your code
used
redundant clumsy
Unnecessary casting expressions make the code harder to read and understand.
Noncompliant Code Example
  int example(int i) {
   int result = static_cast<int>(i + 42); // Noncompliant
    return (int) result; // Noncompliant
  }
Compliant Solution
  int example(int i) {
  int result = i + 42;
   return result;
  }
Exceptions
In some rare cases, redundant cast might be justifiable. For example, when casting
from platform dependant type; your cast might be redundant on one platform but not
on the others.
 Available In:
sonarlint ⊖ | sonarcloud ₼ | sonarqube | Developer Edition
```

Smell 206

Search by name.

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Privacy Policy

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