O Quick 14





VB.NET

VB6

XML



ΑII 311

C static code analysis

₽ Vulnerability (13)

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

o Security

Hotspot

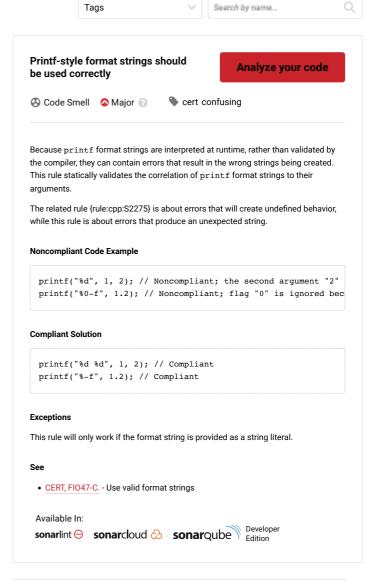
18

ules Valuetability () All	
"memset" should not be used to delete sensitive data	
POSIX functions should not be called with arguments that trigger buffer overflows	
XML parsers should not be vulnerable to XXE attacks	
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	
n 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 should not return	
₩ Bug	

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

with no padding

🖷 Bug



⊕ Code 206

Smell

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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