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C static code analysis

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

⊗ Code (206) O Quick 14 ΑII 311 Security 18 6 Vulnerability (13) ₩ Bug (74) rules Hotspot Smell

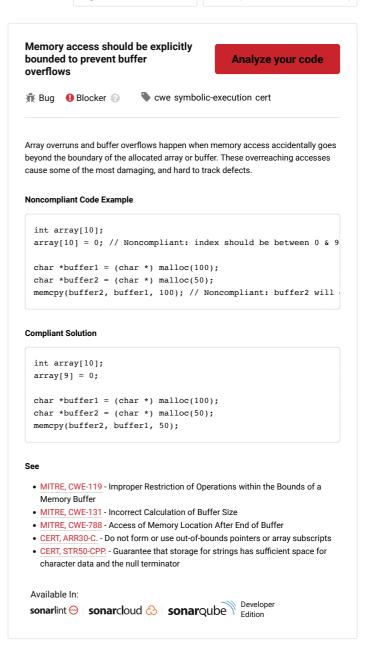
Tags

"memset" should not be used to delete sensitive data Vulnerability POSIX functions should not be called with arguments that trigger buffer overflows Vulnerability XML parsers should not be vulnerable to XXE attacks Vulnerability 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 # Bug "pthread_mutex_t" should be properly initialized and destroyed # Bua "pthread_mutex_t" should not be consecutively locked or unlocked ₩ Bug Functions with "noreturn" attribute should not return ₩ Bua

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

with no padding

🖷 Bug



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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