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C static code analysis

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

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

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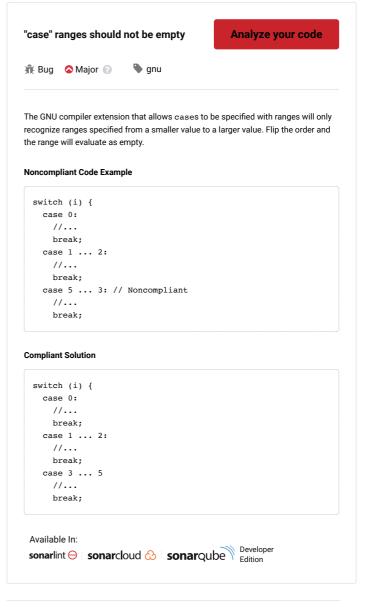
"memset" should not be used to delete sensitive data 6 Vulnerability POSIX functions should not be called with arguments that trigger buffer overflows ♠ Vulnerability XML parsers should not be vulnerable to XXE attacks Vulnerability Function-like macros should not be invoked without all of their arguments 👬 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 "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

Bug

🖷 Bug

"memcmp" should only be called with

pointers to trivially copyable types with no padding



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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