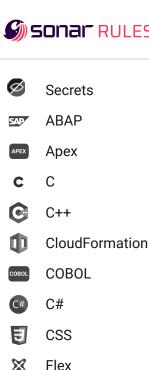
O Quick 13 Fix

Q





Flex

Go GO

8 HTML Java

JavaScript

Kotlin Kubernetes

Objective C

PHP

PL/I

PL/SQL

Python **RPG**

Ruby

Scala

Swift

Terraform

Text

TypeScript

T-SQL

VB.NET

VB6

XML



315

6 Vulnerability 10

All

rules

Objective C static code analysis

♣ Bug **75**

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

o Security

Tags

Hotspot

"memset" should not be used to delete sensitive data
6 Vulnerability
POSIX functions should not be called with arguments that trigger buffer overflows
★ 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
fi 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
n Bug
"pthread_mutex_t" should not be consecutively locked or unlocked twice
n Bug

Functions with "noreturn" attribute

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

Stack allocated memory and nonowned memory should not be freed

Closed resources should not be

Dynamically allocated memory should

should not return

with no padding

📆 Bug

Rug Bug

📆 Bug

accessed

📆 Bug

be released

📆 Bug

Code Smell	♠ Critical ②	based-o suspicio	n-misra preprod us	cessor
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		adafinad maa	ros are not define	ed. undefined. o
	cks that the following pr sert, errno,FILE_			
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redefined: as	sert, errno,FILE_	_,LINE,	TIME,D	ATE,
redefined: asTIMESTAM _Pragma.	sert,errno,FILE_	_,LINE,	TIME,D	ATE,
redefined: as TIMESTAM _Pragma.	sert, errno,FILE_	_,LINE,	TIME,D	ATE,
redefined: asTIMESTAM _Pragma.	sert, errno,FILE_ P,COUNTER, t Code Example	_,LINE,	TIME,D	ATE,
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redefined: asTIMESTAM _Pragma. Noncomplian	sert, errno,FILE_ P,COUNTER, t Code Example	_,LINE,	TIME,D	ATE,
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redefined: asTIMESTAM _Pragma. Noncomplian #undef See • MISRA C: library sh • MISRA C: standard	sert, errno,FILE_ P,COUNTER, t Code Example _LINE 2004, 20.1 - Reserved icall not be defined, redefi	_,LINE, _INCLUDE_LE lentifiers, mac ned, or undefi ed identifiers, ned, redefined,	TIME,D, VEL,BASE_ ros and function ned macros and func or undefined	ATE, _FILE, and s in the standar

⇔ Code (212)

Search by name...

Smell

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Freed memory should not be used Recursion should not be infinite Bug Recursion should not be infinite Bug Resources should be closed Bug Resources should be closed Code Smell Switch labels should not be nested inside non-switch blocks Code Smell Memory access should be explicitly bounded to prevent buffer overflows Replication should not lead to unexpected behavior at runtime Bug Recursion should not be infinite Security Bug Resources should be closed Code Smell Switch labels should not be nested inside non-switch blocks Code Smell	
Memory locations should not be released more than once	Freed memory should not be used
released more than once ## Bug Memory access should be explicitly bounded to prevent buffer overflows ## Bug Printf-style format strings should not lead to unexpected behavior at runtime ## Bug Recursion should not be infinite ## Bug Resources should be closed ## Bug Hard-coded credentials are security-sensitive ## Security Hotspot "goto" should jump to labels declared later in the same function ## Code Smell Only standard forms of the "defined" directive should be used ## Code Smell Switch labels should not be nested inside non-switch blocks	₩ Bug
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