Code Smell (99)





**ABAP** 

Apex Apex

**C** C

C++

CloudFormation

COBOL COBOL

C# C#

**E** CSS

X Flex

**-co** Go

5 HTML

👙 Java

Js JavaScript

Kotlin

Kubernetes

Objective C

PHP

PL/I

PL/SQL

Python

RPG RPG

Ruby

Scala

Swift

Terraform

Text

TypeScript

T-SQL

**VB** VB.NET

VB6 VB6

XML XML



## **Swift static code analysis**

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

**₩** Bug (14)

All rules (119) 6 Vulnerability (3) Hard-coded credentials are securitysensitive Security Hotspot Methods and field names should not be the same or differ only by capitalization Code Smell Cipher algorithms should be robust Vulnerability Using weak hashing algorithms is security-sensitive Security Hotspot **Cognitive Complexity of functions** should not be too high Code Smell "try!" should not be used Code Smell String literals should not be duplicated Code Smell Functions and closures should not be empty Code Smell Collection elements should not be replaced unconditionally 👬 Bug Collection sizes comparisons should make sense 📆 Bug All branches in a conditional structure should not have exactly the same implementation Rug Bug

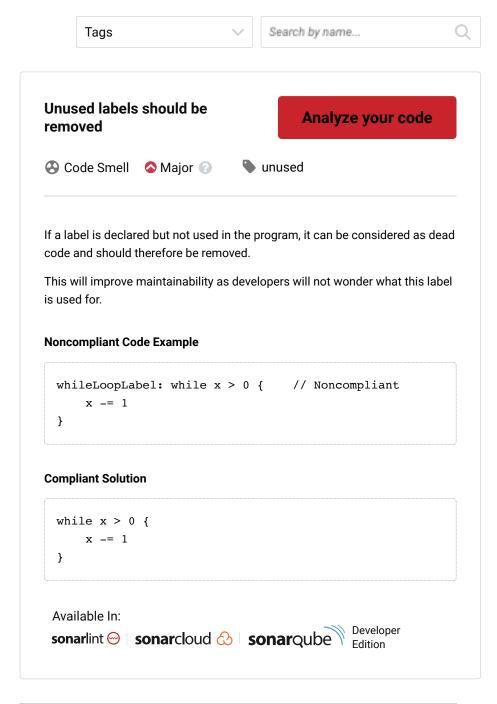
Infix operators that end with "=" should

update their left operands

Precedence and associativity of standard operators should not be

# Bug

changed



Security Hotspot 3

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<b>∰</b> Bug
Return values from functions without side effects should not be ignored
<b>∰</b> Bug
Related "if/else if" statements and "cases" in a "switch" should not have the same condition
Rug
Identical expressions should not be used on both sides of a binary operator
🖟 Bug
All code should be reachable
Rug
Loops with at most one iteration should be refactored
🖟 Bug
"IBInspectable" should be used correctly
Functions should not have identical implementations
Ternary operators should not be nested
Closure expressions should not be nested too deeply
Code Smell
Backticks should not be used around