Code Smell 99





CSS  $\bowtie$ Flex

Go

5 Java

JavaScript

HTML

Kotlin

Kubernetes

Objective C

PHP

PL/I

PL/SQL

Python

**RPG** 

Ruby

Scala

**Swift** 

Terraform

Text

**TypeScript** 

T-SQL

**VB.NET** 

VB6

XML



## **Swift static code analysis**

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

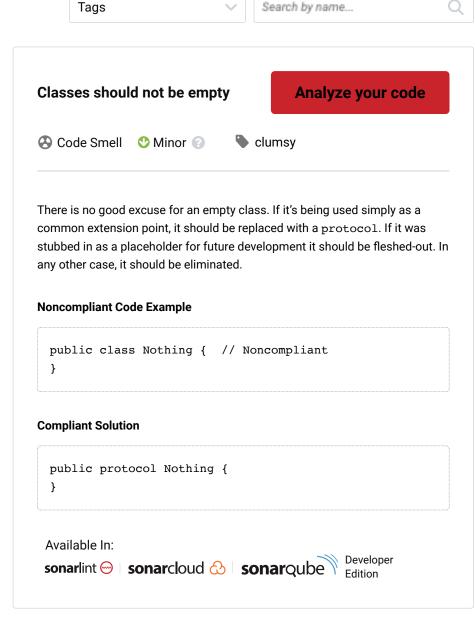
**₩** Bug 14

Hard-coded cr	redentials are security-
Security Ho	otspot
	field names should not or differ only by
Code Smel	II
Cipher algorith	hms should be robust
<b>6</b> Vulnerabili	ty
Using weak ha security-sensi	ashing algorithms is itive
Security Ho	otspot
Cognitive Con should not be	nplexity of functions too high
Code Smel	II
"try!" should n	ot be used
Code Sme	II
String literals	should not be duplicated
Code Smel	II
Functions and empty	closures should not be
Code Smel	II
Collection eler	ments should not be anditionally
<table-of-contents> Bug</table-of-contents>	
Collection size	es comparisons should
Rug	
	n a conditional structure ve exactly the same on
<b>R</b> Bug	

Rug Bug

changed

Precedence and associativity of standard operators should not be



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