

































-  Secrets
-  ABAP
-  Apex
-  C
-  C++
-  CloudFormation
-  COBOL
-  C#
-  CSS
-  Flex
-  Go
-  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



Go static code analysis

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

All rules 38 Bug 7 Security Hotspot 2 Code Smell 29

Tags

Search by name...

Hard-coded credentials are security-sensitive

Security Hotspot

Cognitive Complexity of functions should not be too high

Code Smell

String literals should not be duplicated

Code Smell

Functions should not be empty

Code Smell

All branches in a conditional structure should not have exactly the same implementation

Bug

"=+" should not be used instead of "+="

Bug

Related "if/else if" statements should not have the same condition

Bug

Identical expressions should not be used on both sides of a binary operator

Bug

All code should be reachable

Bug

Variables should not be self-assigned

Bug

Functions should not have identical implementations

Code Smell

Two branches in a conditional structure should not have exactly the same implementation

Code Smell

Track lack of copyright and license headers

Analyze your code

Code Smell Blocker

Each source file should start with a header stating file ownership and the license which must be used to distribute the application.

This rule must be fed with the header text that is expected at the beginning of every file.











Compliant Solution

```
/*
 * SonarQube, open source software quality management to
 * Copyright (C) 2008-2013 SonarSource
 * mailto:contact AT sonarsource DOT com
 *
 * SonarQube is free software; you can redistribute it a
 * modify it under the terms of the GNU Lesser General P
 * License as published by the Free Software Foundation;
 * version 3 of the License, or (at your option) any lat
 *
 * SonarQube is distributed in the hope that it will be
 * but WITHOUT ANY WARRANTY; without even the implied wa
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
 * Lesser General Public License for more details.
 *
 * You should have received a copy of the GNU Lesser Gen
 * along with this program; if not, write to the Free So
 * Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02
 */
```

Available In:

sonarcloud | sonarqube

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved. [Privacy Policy](#)

<div>"switch" statements should not have too many "case" clauses</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Redundant pairs of parentheses should be removed</div> <div> Code Smell</div>
<div>Nested blocks of code should not be left empty</div> <div> Code Smell</div>
<div>Functions should not have too many parameters</div> <div> Code Smell</div>
<div>Using hardcoded IP addresses is security-sensitive</div> <div> Security Hotspot</div>
<div>Multi-line comments should not be empty</div> <div> Code Smell</div>
<div>Boolean checks should not be inverted</div> <div> Code Smell</div>
<div>Local variable and function parameter names should comply with a naming convention</div> <div> Code Smell</div>
<div>Boolean literals should not be redundant</div> <div> Code Smell</div>