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Ruby static code analysis

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

All rules 42

Bug 7

Security Hotspot 2

Code Smell 33

Tags ▾

Search by name...

Hard-coded credentials are security-sensitive Security Hotspot
Cognitive Complexity of functions should not be too high Code Smell
"case" statements should have "else" clauses Code Smell
String literals should not be duplicated Code Smell
Methods 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/elsif" statements and "when" in a "case" 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

"case" statements should have "else" clauses

Analyze your code

Code Smell

Critical

cwe

The requirement for a final `else` clause is defensive programming. The clause should either take appropriate action, or contain a suitable comment as to why no action is taken.

Noncompliant Code Example

```
case param
  when 1
    do_something()
  when 2
    do_something_else()
end
```

Compliant Solution

```
case param
  when 1
    do_something()
  when 2
    do_something_else()
  else
    handle_error( 'error_message' )
end
```

- See
- [MITRE, CWE-478](#) - Missing Default Case in Switch Statement

Available In:

sonarlint sonarcloud sonarqube

Useless "if true ..." and "if false ..." blocks should be removed

 Bug

Methods should not have identical implementations

 Code Smell

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

 Code Smell

"case" statements should not have too many "when" clauses

 Code Smell

Unused function parameters should be removed