Secrets
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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...

Class names should comply with a naming convention
Code Smell

Method names should comply with a naming convention
Code Smell

Track uses of "TODO" tags
Code Smell

Track lack of copyright and license headers
Code Smell

Octal values should not be used
Code Smell

"case" statements should not be nested
Code Smell

Control flow statements "if", "for", "while", "until", "case" and "begin...rescue" should not be nested too deeply
Code Smell

"if ... else if" constructs should end with "else" clauses
Code Smell

Expressions should not be too complex
Code Smell

Ruby parser failure
Code Smell

Functions should not have too many lines of code
Code Smell

Statements should be on separate lines

"case when" clauses should not have too many lines of code

Analyze your code

Code Smell Major brain-overload

The `case` statement should be used only to clearly define some new branches in the control flow. As soon as a `when` clause contains too many statements this highly decreases the readability of the overall control flow statement. In such case, the content of the case clause should be extracted into a dedicated function.

Noncompliant Code Example

With the threshold set at 5:

```
case myVariable
when 0 then # Noncompliant: 6 lines till next "when"
    methodCall1("")
    methodCall2("")
    methodCall3("")
    methodCall4("")
    methodCall5("")
    methodCall6("")
when 1
   # ...
end
```

Compliant Solution

```
case myVariable
when 0 then
  doSomething()
when 1
   # ...
end
...
def doSomething()
    methodCall1("")
    methodCall2("")
    methodCall3("")
    methodCall4("")
    methodCall5("")
    methodCall6("")
end
```

Available In:

sonarlint sonarcloud sonarqube

Code Smell

"case when" clauses should not have too many lines of code

Code Smell

Files should not have too many lines of code

Code Smell

Lines should not be too long

Code Smell

Tabulation characters should not be used

Code Smell