- Secrets
- ABAP
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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" statements should not be nested

Analyze your code

Code Smell Critical pitfall

Nested `case` structures are difficult to understand because you can easily confuse the cases of an inner `case` as belonging to an outer statement. Therefore nested `case` statements should be avoided.

Specifically, you should structure your code to avoid the need for nested `case` statements, but if you cannot, then consider moving the inner `case` to another function.

Noncompliant Code Example

```
def foo(n, m)
  case n
  when 0
      case m  # Noncompliant; nested case
      when 0 then puts "0"
        # ...
      end
  when 1 then puts "1"
  else puts "2"
  end
end
```

Compliant Solution

```
def foo(n, m)
  case n
  when 0
    bar(m)
  when 1 then puts "1"
  else puts "2"
  end
end

def bar(m)
  case m
  when 0 then puts "0"
    # ...
  end
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