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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

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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	

Collapsible "if" statements should be merged

Analyze your code

Code Smell Major ? clumsy

Merging collapsible if statements increases the code's readability.

Noncompliant Code Example

```
if !filename.nil?
  if File.file?(filename) || File.directory?(filename)
    # ...
  end
end

if a then
  unless b then
    # ...
  end
end
```

Compliant Solution

```
def isFileOrDirectory(filename)
  File.file?(filename) || File.directory?(filename)
end
# ...

if !filename.nil? && isFileOrDirectory(filename)
  # ...
end

if a && !b then
  # ...
end
```

Available In:


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 Code Smell

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

 Code Smell


Files should not have too many lines of code

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Lines should not be too long

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Tabulation characters should not be used

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