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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

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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   |            |

Expressions should not be too complex

Analyze your code

Code Smell

Critical ?

brain-overload

The complexity of an expression is defined by the number of &&, || and condition ? ifTrue : ifFalse operators it contains.

A single expression's complexity should not become too high to keep the code readable.

Noncompliant Code Example

With the default threshold value of 3:

```
if ((condition1 && condition2) || (condition3 && condition4) || (condition5 && condition6))
  ...
end
```

Compliant Solution

```
if (myFirstCondition() || mySecondCondition()) && myLastCondition()
  ...
end
```

Available In:


sonarlint | sonarcloud | sonarqube

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

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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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