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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...

All code should be reachable

Bug

Variables should not be self-assigned

Bug

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

Code Smell

Track uses of "FIXME" tags

Code Smell

Redundant pairs of parentheses should be removed

Code Smell

Nested blocks of code should not be left empty

Code Smell

Functions should not have too many parameters

Code Smell

Collapsible "if" statements should be merged

"=+" should not be used instead of "+="

Analyze your code

Bug Major

The use of operators pairs (`=+`, `=-` or `=!`) where the reversed, single operator was meant (`+=`, `-=` or `!=`) will compile and run, but not produce the expected results.

This rule raises an issue when `=+`, `=-`, or `=!` is used without any spacing between the two operators and when there is at least one whitespace character after.

Noncompliant Code Example

```
target = -5
num = 3

target =- num # Noncompliant; target = -3. Is that real
target =+ num # Noncompliant; target = 3
```

Compliant Solution

```
target = -5
num = 3

target = -num # Compliant; intent to assign inverse val
target += num
```

Available In:

sonarlint sonarcloud sonarqube

Code Smell

Using hardcoded IP addresses is security-sensitive

Security Hotspot

Multi-line comments should not be empty

Code Smell

Boolean checks should not be inverted

Code Smell

Unused local variables should be removed

Code Smell