sonar RULES

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Scala static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your SCALA code

All rules 41 Bug 6 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

"match" expressions should not have too many "case" clauses
Code Smell

Sections of code should not be commented out
Code Smell

Unused function parameters should be removed
Code Smell

Unused "private" methods should be removed
Code Smell

Track uses of "FIXME" tags
Code Smell

Nested blocks of code should not be left empty
Code Smell

Functions should not have too many parameters

All branches in a conditional structure should not have exactly the same implementation

Analyze your code

Bug Major

Having all branches in a `match` or `if` chain with the same implementation is an error. Either a copy-paste error was made and something different should be executed, or there shouldn't be a `match/if` chain at all.

Noncompliant Code Example

```
if (b == 0) { // Noncompliant
  doSomething
} else {
  doSomething
}

i match { // Noncompliant
  case 1 => doSomething
  case 2 => doSomething
  case 3 => doSomething
  case _ => doSomething
}
```

Exceptions

This rule does not apply to `if` chains without `else`-s, or to `match`-es without `case _` alternatives.

```
if (b == 0) {
  doSomething
} else if (b == 1) {
  doSomething
}
```

Available In:

sonarlint sonarcloud sonarqube

Code Smell

Collapsible "if" statements should be merged

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