




 Secrets


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 Objective C


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 Scala


 Swift


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 VB.NET

 VB6

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Java static code analysis

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

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Code Smell 389

Quick Fix 42

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"Stream.peek" should be used with caution

Code Smell

"Map.get" and value test should be replaced with single method call

Code Smell

"@RequestMapping" methods should not be "private"

Code Smell

Raw types should not be used

Code Smell

"Arrays.stream" should be used for primitive arrays

Code Smell

Printf-style format strings should be used correctly

Code Smell

Assertion arguments should be passed in the correct order

Code Smell

Ternary operators should not be nested

Code Smell

"writeObject" should not be the only "synchronized" code in a class

Code Smell

Reflection should not be used to increase accessibility of classes, methods, or fields

Code Smell

Static fields should not be updated in constructors

Code Smell

"Thread.sleep" should not be used in tests

Case insensitive Unicode regular expressions should enable the “UNICODE_CASE” flag

Analyze your code

Bug Major regex

By default case insensitivity only affects letters in the ASCII range. This can be changed by either passing `Pattern.UNICODE_CASE` or `Pattern.UNICODE_CHARACTER_CLASS` as an argument to `Pattern.compile` or using `(?u)` or `(?U)` within the regex.

If not done, regular expressions involving non-ASCII letters will still handle those letters as being case sensitive.

Noncompliant Code Example

```
Pattern.compile("some pättern", Pattern.CASE_INSENSITIVE);
str.matches("(?i)söme pättern");
str.matches("(?i:söme) pättern");
```

Compliant Solution

```
Pattern.compile("some pättern", Pattern.CASE_INSENSITIVE | P
str.matches("(?iu)söme pättern");
str.matches("(?iu:söme) pättern");

// UNICODE_CHARACTER_CLASS implies UNICODE_CASE
Pattern.compile("some pättern", Pattern.CASE_INSENSITIVE | P
str.matches("(?iU)söme pättern");
str.matches("(?iU:söme) pättern");
```

Available In:

sonarlint





sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-5866

1/2

 Code Smell
"entrySet()" should be iterated when both the key and value are needed  Code Smell
"DateUtils.truncate" from Apache Commons Lang library should not be used  Code Smell
Multiline blocks should be enclosed in curly braces  Code Smell
"readObject" should not be