




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 **Java**


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


 Text


 TypeScript

 T-SQL

 VB.NET

 VB6

 XML



Java static code analysis

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

All rules 632

Vulnerability 53

Bug 154

Security Hotspot 36

Code Smell 389

Quick Fix 42

Tags ▾

Search by name... 🔍

Modifiers should be declared in the correct order

Code Smell

Empty statements should be removed

Code Smell

Class variable fields should not have public accessibility

Code Smell

URIs should not be hardcoded

Code Smell

Class names should comply with a naming convention

Code Smell

Method names should comply with a naming convention

Code Smell

Comma-separated labels should be used in Switch with colon case

Code Smell

JUnit5 test classes and methods should have default package visibility

Code Smell

Track uses of "TODO" tags

Code Smell

Deprecated code should be removed

Code Smell

Annotated Mockito objects should be initialized

Bug

Custom resources should be closed

Bug

JUnit assertTrue/assertFalse should be simplified to the corresponding dedicated assertion

Analyze your code

Code Smell

Major

junit tests

Testing equality or nullness with JUnit's assertTrue() or assertFalse() should be simplified to the corresponding dedicated assertion.

Noncompliant Code Example

```
Assert.assertTrue(a.equals(b));
Assert.assertTrue(a == b);
Assert.assertTrue(a == null);
Assert.assertTrue(a != null);
Assert.assertFalse(a.equals(b));
```

Compliant Solution

```
Assert.assertEquals(a, b);
Assert.assertSame(a, b);
Assert.assertNull(a);
Assert.assertNotNull(a);
Assert.assertNotEquals(a, b);
```

Available In:

sonarlint

sonarcloud





sonarqube

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved.

[Privacy Policy](#)

https://rules.sonarsource.com/java/RSPEC-5785

1/2

<div>Threads should not be started in constructors</div> <div> Code Smell</div>
<div>"main" should not "throw" anything</div> <div> Code Smell</div>
<div>Track lack of copyright and license headers</div> <div> Code Smell</div>
<div>Octal values should not be used</div> <div> Code Smell</div>
<div>Exit methods should not be called</div>