

Open AI integration

Get easy and fast possible resolutions to your sonarqube evidences created in Jira!

We are proud to announce that our connector has a new functionality through the integration of open ai in our plugin.

Now every time an issue is created in jira from our connector, in the comments of the newly created issue, one or several possible solutions given by open ai will also be created, to correct the sonar evidence associated with the issue. In this way we help to improve the quality of the code and the maintenance of the applications.

If the Jira issue is associated with several evidences for the same rule, a maximum of 3 comments will be created in the subject with the possible solutions offered by open ai.

These comments are suggestions for solving the problem in code using the [OpenAI API](#). If you don't have a token, you can generate it from [here](#)

The consultation for the resolution of the evidence is not instantaneous, we would appreciate it if you are a little patient when it comes to obtaining the answers.

"Create issue from the Sonarqube Connector Panel" :

Execution of the Garbage Collector should be triggered only by the JVM	Java	1	1	TEST-484
Constants should not be defined in interfaces	Java	1	1	TEST-484
"Object.finalize()" should remain protected (versus public) when overriding	Java	1	1	TEST-484
Constant names should comply with a naming convention	Java	1	1	TEST-484
Null should not be returned from a "Boolean" method	Java	1	1	TEST-484
Instance methods should not write to "static" fields	Java	1	1	TEST-484
JUnit assertTrue/assertFalse should be simplified to the corresponding dedicated assertion	Java	52	52	TEST-484
Assertion arguments should be passed in the correct order	Java	52	52	TEST-484

Access to the Jira issue created to get suggested resolutions :

Projects / TEST / TEST-484

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

Attach Create subtask Link issue Issue Picker Custom Fields test-Issue Picker Custom Fields

Description

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);
```

Go to check your issues to SonarQube project: JMeter

Activity

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Newest first 17

2

Backlog

Actions

Details Assignee, Reporter, L...

More fields

Original estimate

0m

Time tracking

No time logged

Epic Link

None

Components

None

Fix versions

None

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Configure

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Newest first 17

Add a comment...

Pro tip: press **M** to comment

Sj SonarQube Connector for Jira · 6 minutes ago

JMeter

src/_/http/control/TestCookieManagerThreadIteration.java (L120)

Use assertEquals instead.

Where is the issue?

```
assertTrue("Before the iteration, the quantity of cookies should be 1");
```

Suggestion on how to fix the issue

To fix this issue, replace the following line:

```
`assertTrue("Before the iteration, the quantity of cookies should be 1", cookieManagerDynamic.getCookies().size() == 1);`
```

with:

```
`assertEquals(1, cookieManagerDynamic.getCookies().size(), "Before the iteration, the quantity of cookies should be 1");`
```

This uses 'assertEquals' instead of 'assertTrue' to check that the size of cookies returned by 'cookieManagerDynamic.getCookies()' is equal to 1. The error message will also be more descriptive.

Additionally, replace the line:

```
`assertTrue("After the iteration, the quantity of cookies should be 1", cookieManagerDynamic.getCookies().size() == 1);`
```

with:

```
`assertEquals(STATIC_COOKIE, cookieManagerDynamic.getCookies().get(0).getName(), "After the iteration, the value of cookie should be the initial cookies");`
```

Here, 'assertEquals' is used instead of 'assertTrue' to compare the name of the first cookie element with 'STATIC_COOKIE', and a descriptive error message is provided.

Powered by [OpenAI](#)

Edit · Delete ·

Sj SonarQube Connector for Jira · 4 minutes ago

JMeter

src/_/http/control/TestCookieManagerThreadIteration.java (L102)

Use assertEquals instead.

Where is the issue?

```
assertTrue("After the iteration, the quantity of cookies should be 1");
```

Suggestion on how to fix the issue

To fix the issue, the assertTrue assertion can be replaced with the assertEquals assertion in the following way:

```
1 assertEquals("After the iteration, the quantity of cookies should be 1",
```

2

Backlog

Actions

Details Assignee, Reporter, L...

More fields

Original estimate

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