

JIRA Plugin

<p>Your browser does not support iframes.</p>

Description / Features

This plugin connects SonarQube to Atlassian JIRA in various ways.

Widget *JIRA Issues*

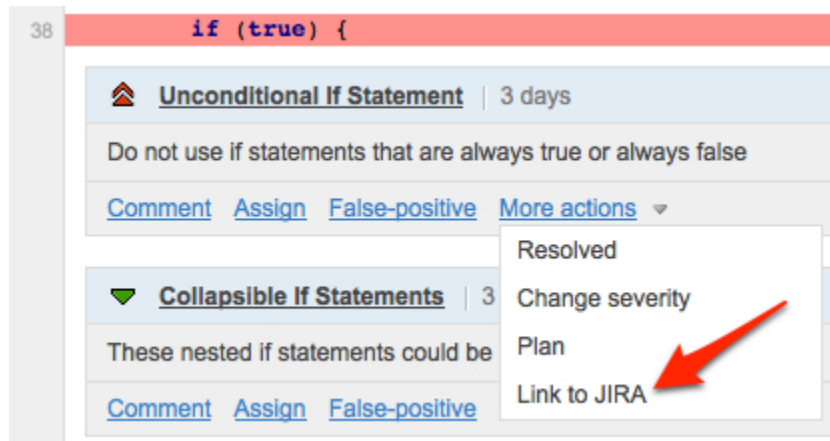
SonarQube retrieves the number of issues associated with a project from JIRA. It then reports on the total number of issues and distribution by priority.

JIRA Issues 223	By Priority
	Blocker 1
	Critical 16
	Major 123
	Minor 67
	Trivial 16

Link a SonarQube issue to a JIRA ticket

This feature allows you to link a SonarQube issue to a JIRA issue by creating a new JIRA ticket for the SonarQube issue.

When logged in, you should find the "Link to JIRA" action available on any issue:



After you press "Link to JIRA", a new review comment is added on the issue: you can see the link to the newly-created JIRA ticket.

38 `if (true) {`

Unconditional If Statement | 3 days

Do not use if statements that are always true or always false

Administrator (less than a minute) | [Edit](#) [Delete](#)


What is this piece of code??

This should be removed **ASAP**.

Review linked to JIRA issue: <http://localhost:8080/browse/FOO-34>

[Comment](#) [Assign](#) [False-positive](#) [More actions](#) ▾




And the corresponding JIRA looks like:


 Foo Project / FOO-34

Sonar Review #62 - Unconditional If Statement

[Edit](#) [Assign](#) [Comment](#) [More Actions](#) ▾ [Start Progress](#) [Resolve Issue](#) [Workflow](#) ▾

▼ **Details**

Type:  Task
 Priority:  Critical
 Labels: None 

Status:  Open (View Workflow)
 Resolution: Unresolved

▼ **Description**

Violation detail:

Do not use if statements that are always true or always false

Message from reviewer:

What is this piece of code??

This should be removed **ASAP**.

Check it on Sonar: http://localhost:9000/project_reviews/view/62

Requirements

Plugin	1.0	1.1	1.1	1.2
Jira 3.x	✓	✓	✓	✓
Jira 4.x	✓	✓	✓	✓
Jira 5.x	✓	✓	✓	✓

Jira 6.x				
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Installation

1. Install the plugin through the [Update Center](#) or download it into the `SONARQUBE_HOME/extensions/plugins` directory
2. Restart the SonarQube server

Usage

Mandatory Properties

At the project or global level go to **Settings > JIRA** and set the `sonar.jira.url`, `sonar.jira.login.secured` and `sonar.jira.password.secured` properties.



Security note for SonarQube 3.4.0 to 3.6.3 included

For the `*.secured` properties to be read during the project analysis, it is necessary to set the `sonar.login` and `sonar.password` properties to the credentials of a user that is both:

- System administrator
- And project administrator on the project that is being analyzed

Example:

```
sonar-runner -Dsonar.login=admin -Dsonar.password=admin
```

To Display Data on the *JIRA Issues Widget*

1. Log in to your JIRA instance and create a filter. Mark it as favorite. You may also want to share this filter with your team.
2. Specify the `sonar.jira.url.param` property for the project or module: this is the name of an issue filter that you have previously created on JIRA (see the [JIRA documentation for more on issue filters](#)).

To Create JIRA Issues

Set the `sonar.jira.project.key` property that is the key of the JIRA project for which this SonarQube plugin will generate tickets

Note that you can also configure the issue type, the component, the priorities. Browse the JIRA setting page on the web interface for a complete list.



Connecting to JIRA through HTTPS

If you must connect to your JIRA instance through HTTPS, and a certificate is required for this connection, then you must import the certificate into the CA store of the JRE that runs SonarQube.

FAQ

- Q: I see the following warning in SonarQube logs when using the JIRA plugin:

```
[WARN] [18:32:24.426] Unable to find required classes (javax.activation.DataHandler and javax.mail.internet.MimeMultipart). Attachment support is disabled.
```

- A: This is a message from the Axis SOAP client we are using to talk to your JIRA. You can safely ignore this message. Attachment support is not used anyway.

- Q: I have configured my JIRA instance so that some fields are mandatory. Because SonarQube does not populate these fields, issue creation fails. How can I make it work?

- A: The `sonar.jira.issue.component.id` property can be defined at project level. For other fields the suggested workaround is to create a new issue type in JIRA (for example "Quality issue") and set the `sonar.jira.issue.type.id` property accordingly.

Change Log

Version 1.2 (1 issues)

T	Key	Summary
	SONARPLUGINS-2901	Make the JIRA plugin compatible with the 'Issues'

1 issue

Version 1.1 (5 issues)

T	Key	Summary
	SONARPLUGINS-2549	Allow to configure component of created JIRA issue
	SONARPLUGINS-2548	Allow to configure type of created JIRA issue
5 issues	SONARPLUGINS-2142	Move L10n bundles into their corresponding Language Packs
	SONARPLUGINS-2134	Link to Jira fails - due to missing values for some mandatory fields
	SONARPLUGINS-2008	Allow to configure mapping between Sonar violation severity and Jira issue priority

Version 1.0 (7 issues)

T	Key	Summary
	SONARPLUGINS-1072	Use masked password field
	SONARPLUGINS-1847	Link a review with a JIRA issue
7 issues	SONARPLUGINS-1865	Add L10n to the JIRA plugin
	SONARPLUGINS-1866	Check compatibility with JIRA 5.x series
	SONARPLUGINS-1908	Add Spanish Localization
	SONARPLUGINS-1902	Add Greek Localization
	SONARPLUGINS-1864	Missing description for the JIRA widget