

Jenkins – JIRA integration:

JIRA is an issue/defect tracking tool.

The first step to integrate JIRA with Jenkins is to install JIRA plugins. Select the required plugins as shown below.

Install	Name	Released
<input checked="" type="checkbox"/>	Jira 3.7.1 External Site/Tool Integrations Maven jira This plugin integrates Jenkins to Atlassian Jira.	1 mo 11 days ago
<input type="checkbox"/>	JIRA Integration for Blue Ocean 1.25.5 Provides JIRA intgration for the Blue Ocean user interface.	3 days 10 hr ago
<input type="checkbox"/>	Generic Webhook Trigger 1.84 notification github webhook Build Parameters gitlab Build Triggers bitbucket bitbucket-server jira Can receive any HTTP request, extract any values from JSON or XML and trigger a job with those values available as variables. Works with GitHub, GitLab, Bitbucket, Jira and many more.	1 mo 2 days ago
<input type="checkbox"/>	JIRA Pipeline Steps 2.0.141.vd0c6e6dc83f0 pipeline DevOps jira Jenkins Pipeline Steps for integration with JIRA.	12 days ago
<input checked="" type="checkbox"/>	JIRA Trigger 1.0.1 External Site/Tool Integrations Build Triggers JIRA Trigger	1 yr 7 mo ago
<input checked="" type="checkbox"/>	Jira Issue Updater 1.18 External Site/Tool Integrations This plugin can update Jira issues by changing their workflow status and adding comments. <div>Warning: This plugin version may not be safe to use. Please review the following security notices:</div>	6 yr 5 mo ago

After the plugins are installed configure the JIRA server connection details and credentials in Configure systems options under manage Jenkins.

Dashboard > configuration

List of default health metrics for folders

Jira

Jira sites

Add

Click on Add button,

In the options to add JIRA server details, update the value for *URL*, *Link URL* and *add credentials* by clicking on *Add* button.

Value in these fields can be as shown below.

Dashboard > configuration

Jira

Jira sites

URL ?

Link URL ?

☒ Use HTTP authentication instead of normal login

☐ Supports Wiki notation

☐ Record Scm changes

☐ Disable changelog annotations

Issue Pattern ?

☐ Update Relevant Jira Issues For All Build Results

Credentials ?
- none -

Once these details are updated test the connection to JIRA server.

Now to automate the ISSUES creation on failure, add a Post Build task in the Job. Select Jira Create Issue option and provide details about *Jira project Key*, *Component* and *Issues priority*, *Issue type*.

Aggregate downstream test results

- Archive the artifacts
- Build other projects
- JIRA Issue Results Updater
- Jira: Update relevant issues
- Publish JUnit test result report
- Publish Javadoc
- Record fingerprints of files to track usage
- Git Publisher
- E-mail Notification
- Editable Email Notification
- Jira: Create issue
- Jira: Create new version
- Jira: Mark a version as Released
- Jira: Move issues matching JQL to the specified version
- Set GitHub commit status (universal)
- Set build status on GitHub commit [deprecated]
- Trigger the build of other projects based on the Ivy dependency management system
- Delete workspace when build is done

Post-build Actions

Jira: Create issue ?

Jira Project Key ?

Please set the project key

Assignee ?

Description Of Test ?

Component Name ?

Issue Priority ?

Issue Type ?