

# Gitlab - Jira Integration

Prerequisites for Gitlab - Jira Integration

Gitlab - Gitlab Login credentials

Gitlab Url like <http://novartis.devops.altimetrik.io:7080>


Jira - Jira Login credentials


Jira Url like <http://novartis.devops.altimetrik.io:8080>


Configuration of Gitlab on Jira


Jira settings Git-integrations for Jira Git repositories.


AUTO-CONNECT


  
GitHub.com

  
GitHub Enterprise

  
GitLab <sup>1</sup>

  
Microsoft

  
AWS CodeCommit

  
Git

The table below shows the Git repositories connected for indexing.





Connect to Git Repository

Enable All

Disable All

Bulk Change

Reindex All

Enabled	Location	Repository/Integration	Last indexed	Status	Actions
<input checked="" type="checkbox"/>	EXTERNAL	 nov-scala-demo	Just now	UPDATED	
<input checked="" type="checkbox"/>	GITLAB	 <a href="http://novartis.devops.altimetrik.io:7080">http://novartis.devops.altimetrik.io:7080</a>	Just now	UPDATED	

<sup>1</sup> Logo owned by [GitLab Inc](#) used under [license](#)

[www.bigbrassband.com](#)

[Email BigBrassBand Support](#)

[Git Integration for Jira Documentation](#)

Current build: GIT-3456 (4321abb)

Click on Connect to Git Repository Go to Advanced setup

1. Provide the details of Settings such as username , project permissions , Branch , Git Diff needs to be enabled.
2. Add the details personal access token for smooth authentication.

Configuration of Jira in Gitlab.

1. Go to Settings Integrations Go to Jira

You need to configure Jira before enabling this service. For more details read the [Jira service documentation](#).

Active	<input checked="" type="checkbox"/>
Trigger	<input checked="" type="checkbox"/> <b>Commit</b> Jira comments will be created when an issue gets referenced in a commit.
	<input checked="" type="checkbox"/> <b>Merge request</b> Jira comments will be created when an issue gets referenced in a merge request.
Web URL	<input type="text" value="http://novartis.devops.altimetrik.io:8080"/>
Jira API URL	<input type="text" value="If different from Web URL"/>
Username or Email	<input type="text" value="admin"/>
Enter new password or api token	<input type="text" value="Use a password for server version and an API token for cloud version"/>
Transition ID(s)	<input type="text" value="Use , or : to separate multiple transition IDs"/>

Need to provide the above details to configure Jira with Gitlab.

### Steps to integrate Jira ticket with Gitlab:

Step 1 : Create a new Sprint on the Jira dash board.

Provide the details of start and end of sprint .

Step 2: Create a new ticket on the new sprint board.

Provide the Description and the issue of the ticket.


Step 3: Once the ticket is created, Click on the create branch feature present on the Jira ticket.

▼

Git Source Code

0 commits

Roll Up

 Compare code

Branches

Create branch

Merge requests

Create merge request

Once the create branch is clicked on the ticket, a new window pops up to select the repository.

**Create branch** [X]

Repository: Novartis-Sample Python repository  
Your PAT will be used.

Base branch: p

Branch name: NEW-2-new-jira-gitlab-integrations  
Include the Jira issue key in branch name to associate branch with issue.

Create branch Cancel

Create a branch with necessary naming convention on the repository.

## Merging a feature branch with a development branch:

Steps to create a merge of feature branch to the development branch.

1. Click on merge request feature available on the ticket.

CI Builds  
No builds found.

Agile  
View on Board

Hipchat discussions  
Do you want to discuss this issue? Connect to Hipchat.  
Connect Dismiss

Git Source Code  
0 commits  
Roll Up  
Compare code

Branches  
Create branch

Merge requests  
Create merge request

2. Once the merge request is clicked it would raise a merge request to the existing Develop branch/master branch.

**Create Merge requests** [X]

Repository: general  
Your PAT will be used.

Source branch: NEW-1-jira-gitlab-integration

Target branch: Develop

Title: NEW-2 New jira - gitlab integrations

Create Cancel

Check with the necessary branch and merge it.