

Jira Issue Management - Create, Update, and Delete DocumentatioN

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# Introduction

This document provides details on how to create, update, and delete issues in Jira using REST APIs. The API endpoints are exposed through a local service that acts as a bridge between your application and Jira. This guide includes necessary configurations, request structures, authentication details, and response examples to help developers integrate Jira issue management seamlessly into their applications.

# Prerequisites

Before using the Jira Issue Management API, ensure the following requirements are met:

* Jira Cloud or Jira Server access.
* API token (for Jira Cloud users).
* Base URL of your Jira instance (e.g., https://yourcompany.atlassian.net for Cloud).
* A valid project key in Jira.
* Use Basic Authentication (email + API token for Jira Cloud) or OAuth.

A screenshot of a computer

AI-generated content may be incorrect.

# Application Properties Configuration

Set up the following properties in your application:

jira.create\_url=https://yourcompany.atlassian.net/rest/api/3/issue

jira.update\_url=https://yourcompany.atlassian.net/rest/api/3/issue/{issueIdOrKey}

jira.delete\_url=https://yourcompany.atlassian.net/rest/api/3/issue

# Jira Environment Settings

Before performing update and delete operations, ensure that the correct permissions are configured in Jira:

1. Go to Jira Settings.
2. Click on Issues.
3. Navigate to Permission Schemes (refer to the screenshot below).

A close-up of a computer screen

AI-generated content may be incorrect.

1. Verify that your user role has the necessary permissions for updating and deleting issues.

# Create an Issue

**API Endpoint:**

POST http://localhost:8088/Create

**Request Body:**

{

"jira": "create"

}

**Authorization:**

Use Basic Authentication:

* Username: Your Jira email.
* Password: Your Jira API token.

**Response Example:**

Created successfully

A screenshot of a computer

AI-generated content may be incorrect.

# Update an Issue

**API Endpoint:**

PUT http://localhost:8088/Update

**Request Body:**

{

"jira": "update",

"issueKey": "",

"newSummary": "Java API"

}

**Authorization:**

Use Basic Authentication:

* Username: Your Jira email.
* Password: Your Jira API token.

**Response Example:**

Updated successfully

A screenshot of a computer

AI-generated content may be incorrect.

# Delete an Issue

**API Endpoint:**

DELETE http://localhost:8088/Delete

**Request Body:**

{

"jira": "delete",

"issueKey": ""

}

**Authorization:**

Use Basic Authentication:

* Username: Your Jira email.
* Password: Your Jira API token.

**Response Example:**

Deleted successfully

