



Informatica® Data Integration - Free & PayGo

JIRA Connector

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Preface

Use *JIRA Connector* to learn how to read from JIRA by using Data Integration. Learn to create a connection and run mapping tasks in Data Integration.

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CHAPTER 1

Introduction to JIRA Connector

Use JIRA Connector to read data from JIRA. You can create custom fields in JIRA. You can use JIRA Connector to read the custom attributes that are present in an object.

You can use JIRA Connector to read JIRA issues and to filter all the fields that JIRA Rest API supports. JIRA Connector supports the Contains operator.

JIRA Connector supported objects and task operations

The following table lists the object types and the task operations that JIRA Connector supports:

Objects	Read	Data Preview	Lookup
Projects/Issues	Yes	Yes	Yes
Projects/Attachment	Yes	Yes	Yes
Projects/Comments	Yes	Yes	Yes
Projects/LinkedIssues	Yes	Yes	Yes
Components	Yes	Yes	Yes
Projects/FixVersions	Yes	Yes	Yes
Projects/Watchers	Yes	Yes	Yes
Projects/AffectsVersion	Yes	Yes	Yes
Projects/Components	Yes	Yes	Yes

JIRA Connector assets

Create assets in Data Integration to integrate data using JIRA Connector.

When you use JIRA Connector, you can include the following Data Integration assets:

- Mapping
- Mapping task

For more information about configuring assets and transformations, see *Mappings*, *Transformations*, and *Tasks* in the Data Integration documentation.

CHAPTER 2

JIRA connections

Create a JIRA connection on the **Connections** page. You can use the JIRA connection to specify source objects in mappings and mapping tasks.

JIRA connection properties

When you set up a JIRA connection, configure the connection properties.

The following table describes the JIRA connection properties:

Property	Description
Connection Name	Name of the connection. Each connection name must be unique within the organization. Connection names can contain alphanumeric characters, spaces, and the following special characters: _ . + -, Maximum length is 255 characters.
Description	Description of the connection. Maximum length is 4000 characters.
Type	The JIRA connection type.
Runtime Environment	The name of the runtime environment where you want to run the tasks. Select a Secure Agent, Hosted Agent, or serverless runtime environment.
Username	User name of the JIRA account.
Password	The API token for the JIRA account. For more information on how to create an API token, see Knowledge Base article KB 576517 .
URI	The base JIRA URI of JIRA instance to connect. For example, <a href="https://<abcd>.atlassian.net/">https://<abcd>.atlassian.net/ .
UTC Offset	Select UTC time offset to be appended with datetime field. Default is UTC.
Enable Logging	Enables logging for the task.

Creating a JIRA connection

1. In Administrator, select **Connections**.
The **Connections** page appears.
2. Click **New Connection**.
The New Connection page appears.
3. Configure the connection properties.
4. Click **Save** to save the connection.
 - a. Click **Test Connection** to verify that you can connect to JIRA.

CHAPTER 3

Mappings and mapping tasks with JIRA Connector

Use the Data Integration Mapping Designer to create a mapping. When you create a mapping, you can configure a source to represent a JIRA object. Use the Mapping Task wizard to create a mapping task and select the mapping that you configured. The mapping task processes data based on the data flow logic you define in the mapping. Run the mapping task to read data from a JIRA object.

JIRA sources in mappings

When you create a mapping, you can configure the source properties to use JIRA objects to read the data from your JIRA account. The source properties appear on the **Source** tab when you specify a JIRA connection.

The following table describes the JIRA source properties.

Source Property	Description
Connection Type	Name of the JIRA source connection.
Source Type	Select Single or Multiple as the source type. Select Single to read data from a standard JIRA object. Select Multiple to read data from a standard JIRA object and add a single child object.
Source Object	Select the JIRA source object for the task.

The following table describes the query options that you can configure in a Source transformation:

Property	Description
Filter	Filter value in a read operation. Click Configure to add conditions to filter records and reduce the number of rows that the Secure Agent reads from the source. Select Not Parameterized filter condition and use a basic filter to specify the object, field, operator, and value to select specific records. You can use advanced filters to execute search queries that contain complex filter expressions.
Sort	Not applicable.

The following table describes the advanced properties that you configure for a JIRA source object:

Property	Description
Source Filter	The filter to be applied when you query an entity.
Sorted Ports	The ports used to sort the source data.
Maximum Page Size	The maximum number of records read from JIRA in a page.
Read Time Out	The timeout value in milliseconds for a read operation. For example, 1000 milliseconds
Read Retry Count	The retry value for a read operation.

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