



Informatica® Data Integration - Free & PayGo

# Xero Connector

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# Preface

Use Xero Connector to learn how to read from Xero by using Data Integration. Learn to create a Xero connection, run mappings and tasks in Data Integration.

## Informatica Resources

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## CHAPTER 1

# Introduction to Xero Connector

You can use Xero Connector to securely read data from Xero.

When you use Xero Connector, you can create a Xero connection and use the connection in Data Integration mappings, mapping tasks, and data transfer tasks.

Run a Xero mapping or task to read data from Xero based on the workflow and Xero connection configuration.

## Xero Connector assets

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

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

- Data transfer task
- Mapping
- Mapping task

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

## CHAPTER 2

# Xero connections

Use a Xero connection to access a Xero Object.

Create a Xero connection to securely read data from Xero. You can use a Xero connection to specify sources in mappings, mapping tasks, and data transfer tasks.

## Xero connection properties

When you create a Xero connection, configure the connection properties.

The following table describes the Xero connection properties:

Connection 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 Xero connection type.
Runtime Environment	The name of the runtime environment where you want to run the tasks. You can specify a Secure Agent or a Hosted Agent.
Authentication	The authentication method that Xero Connector must use to log in to Xero. Default is <b>AuthorizationCode</b> .
Authorization URL	The authorization server endpoint from where you retrieve the authorization code. The authorization URL is <a href="https://login.xero.com/identity/connect/authorize">https://login.xero.com/identity/connect/authorize</a> .
Access Token URL	The Xero access token URL required to exchange the authorization code for an access token. The access token URL is <a href="https://identity.xero.com/connect/token">https://identity.xero.com/connect/token</a> .
Client ID	The client identifier issued to the client during the application registration process.
Client Secret	The client secret key issued to the client during the application registration process.

Connection property	Description
Scope	The scope of the access request.
Access Token Parameters	Additional parameters to use with the access token URL.
Authorization Code Parameters	Additional parameters to use with the authorization URL.
Access Token	<p>The access token granted by Xero to access data.</p> <p>Click <b>Generate Token</b> to populate the access token.</p> <p><b>Note:</b> Do not manually enter the access token. If you manually enter the access token, the connection fails when the access token expires.</p>
Refresh Token	<p>The refresh token to fetch a new access token.</p> <p>Click <b>Generate Token</b> to populate the refresh token.</p> <p>If the access token expires, the agent fetches a new access token with the help of the refresh token.</p>
Xero Tenant ID	<p>The tenant identifier for Xero.</p> <p>You can get the tenant ID from the Xero administrator.</p>



## CHAPTER 3

# Mappings with Xero

When you create a mapping, you define the source to represent a Xero object. Use the Mapping Designer in Data Integration to add the Source transformation in the mapping canvas and configure the Xero source properties.

## Xero sources in mappings

To read data from Xero, configure a Xero object as the Source transformation in a mapping.

Specify the name and description of the Xero source.

The following table describes the source properties that you can configure for a Xero source:

Property	Description
Connection	Name of the Xero source connection. You can select an existing connection or create a new connection. You can also click <b>New Parameter</b> to define a parameter for the source connection.
Source Type	Type of the source object. Select one of the following options: <ul style="list-style-type: none"><li>- Single Object</li><li>- Parameter</li></ul>
Object	Name of the Xero source object based on the source type selected. Select the source object for a single source.

The following table describes the advanced source properties that you can configure in a Source transformation:

Property	Description
Tracing Level	Sets the amount of detail that appears in the log file. Select one of the following options: <ul style="list-style-type: none"><li>- Terse</li><li>- Normal</li><li>- Verbose initialization</li><li>- Verbose data</li></ul> Default is Normal.

## CHAPTER 4

# Data type reference

Data Integration uses the following data types in mappings, mapping tasks, and data transfer tasks with Xero.

**Xero native data types:** Xero data types appear in the fields tab for Source transformations when you choose to edit metadata for the fields.

**Transformation data types:** These data types are set of data types that appear in the remaining transformations. They are internal data types based on ANSI SQL92 generic data types, which Informatica Cloud uses to move data across platforms. Transformation data types appear in all transformations in a mapping.

When the Secure Agent reads source data, it converts the native data types to the comparable transformation data types before transforming the data.

## Xero and transformation data types

The following table describes the Xero data types that Data Integration supports and the corresponding transformation data types:

Xero Native Data Type	Transformation Data Type	Range and Description
Boolean	Small Integer	Precision 5, scale 0
Number	Decimal	Precision 1 to 28, scale 0 to 28
String	Varchar	1 to 104,857,600 characters

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