

Kollet PowerETL

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Kollect PowerETL



Kollect PowerETL Introduction

KollectValley operates daily for our tenants but how is KollectValley always up to date? This is done by extracting data directly from our tenant's accounting system and loading it into the Kollect Database. Once the data is loaded into the database, the most up to date information becomes available for our tenants. However, the data structure from the tenants are not the same as the data structure in the Kollect Database. This data would need to be transformed somehow to match Kollect's data structure and this is achieved by using the Kollect PowerETL.

The PowerETL was created for internal use by Kollect to handle this daily data. Data from these tenants are stored in data files, and these data files are Extracted, Transformed and then Loaded into Kollect's Database. This streamlines the flow of the data from the data files extracted to its entry into Kollect's Database.

KollectValley - YYC by Kollect Systems Sdn. Bhd

Table Settings - General Configuration Properties

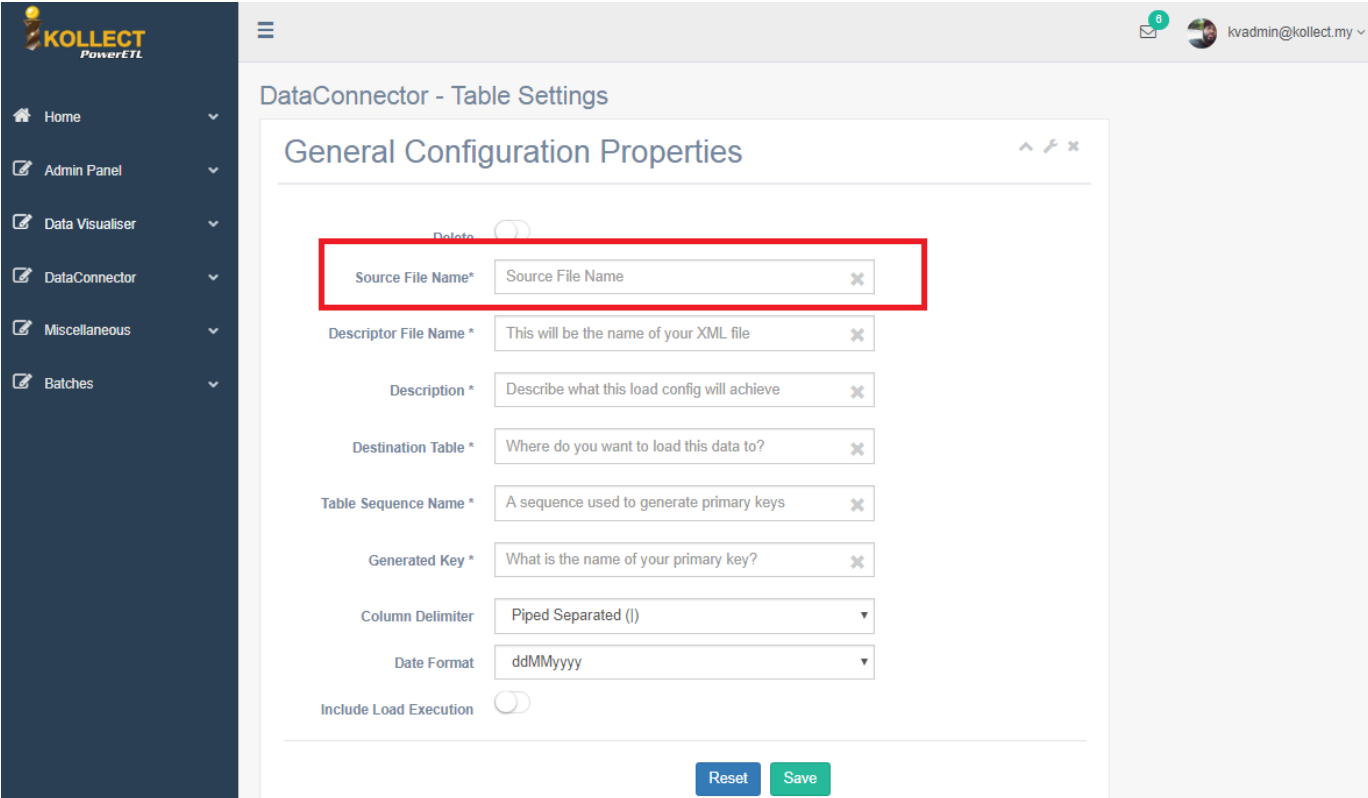
This section is for users to insert information about the data file that is to be loaded. Most of these files will come as CSV (Comma Separated Values) or PSV (Pipe Separated Values) files, both of which consist of rows and columns like an Excel file. Information about the data file and then its columns need to be recorded and below is the method for inserting the initial information about the data file itself.

The screenshot shows the 'DataConnector - Table Settings' page in the KOLLECT PowerETL application. The sidebar on the left contains navigation links: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and features a 'General Configuration Properties' form. The form includes a 'Delete' toggle, several text input fields with placeholder text, a dropdown for 'Column Delimiter', and another dropdown for 'Date Format'. At the bottom are 'Reset' and 'Save' buttons.

Figure 2: Table Settings

Source File Name

Insert the Source File Name in full to this field. Also remember to include the extension type of the file, into this field.



The screenshot shows the KOLLECT PowerETL web application. On the left is a dark blue sidebar with navigation links: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings'. Inside, there's a 'General Configuration Properties' section. The first field, 'Source File Name*', is highlighted with a red rectangle. Below it are other fields: 'Descriptor File Name *', 'Description *', 'Destination Table *', 'Table Sequence Name *', 'Generated Key *', 'Column Delimiter' (a dropdown menu), 'Date Format' (a dropdown menu), and 'Include Load Execution' (a toggle switch). At the bottom right of the form are 'Reset' and 'Save' buttons.

Figure 3: General Settings - Source File Name

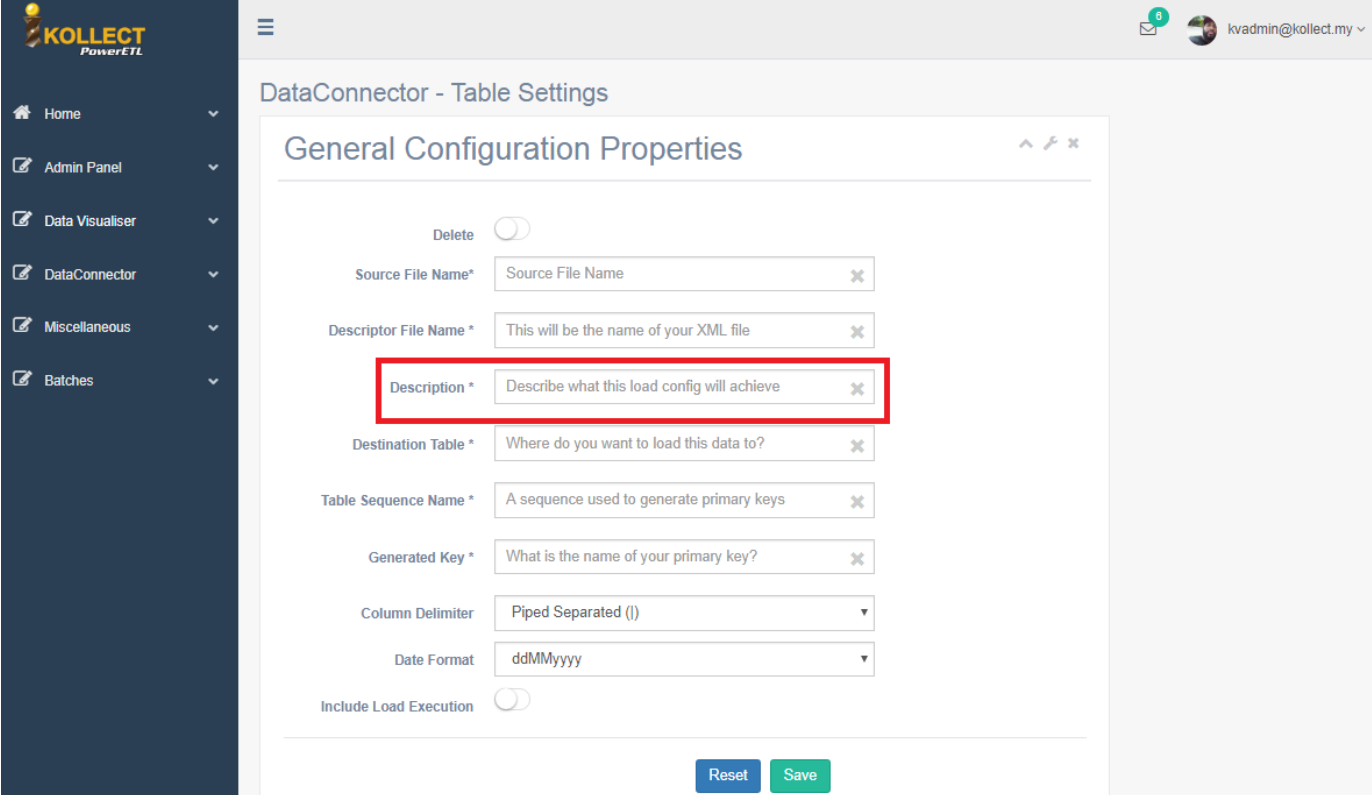
Descriptor File Name

The Descriptor File Name is for the user to enter the name of the data file in this field, but without numbers or its extension. The value in this field will become the name of the XML file created.

The screenshot displays the 'DataConnector - Table Settings' interface. On the left is a dark blue sidebar with navigation links: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and contains a 'General Configuration Properties' form. The form includes several fields: 'Source File Name' (placeholder: Source File Name), 'Descriptor File Name' (placeholder: This will be the name of your XML file), 'Description' (placeholder: Describe what this load config will achieve), 'Destination Table' (placeholder: Where do you want to load this data to?), 'Table Sequence Name' (placeholder: A sequence used to generate primary keys), 'Generated Key' (placeholder: What is the name of your primary key?), 'Column Delimiter' (dropdown: Piped Separated (|)), 'Date Format' (dropdown: ddMMyyyy), and 'Include Load Execution' (toggle switch). The 'Descriptor File Name' field is highlighted with a red rectangular box. At the bottom right of the form are 'Reset' and 'Save' buttons. The top right of the page shows a user profile for 'kadmin@kollect.my'.

Figure 4: General Settings - Descriptor File Name

Description



The screenshot displays the 'DataConnector - Table Settings' page in the Kollect PowerETL application. The left sidebar contains navigation links: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and features a 'General Configuration Properties' section. This section includes several input fields and toggle switches. The 'Description' field, which is highlighted with a red border, contains the placeholder text 'Describe what this load config will achieve'. Other fields include 'Source File Name', 'Descriptor File Name', 'Destination Table', 'Table Sequence Name', 'Generated Key', 'Column Delimiter', and 'Date Format'. There are also 'Delete' and 'Include Load Execution' toggle switches. At the bottom right of the form are 'Reset' and 'Save' buttons.

Delete ☐

Source File Name*

Descriptor File Name *

Description *

Destination Table *

Table Sequence Name *

Generated Key *

Column Delimiter

Date Format

Include Load Execution ☐

Reset **Save**

Figure 5: General Settings - Description

In this field, the user is expected to fill up a short description of the file that is being loaded.