

Kollet PowerETL

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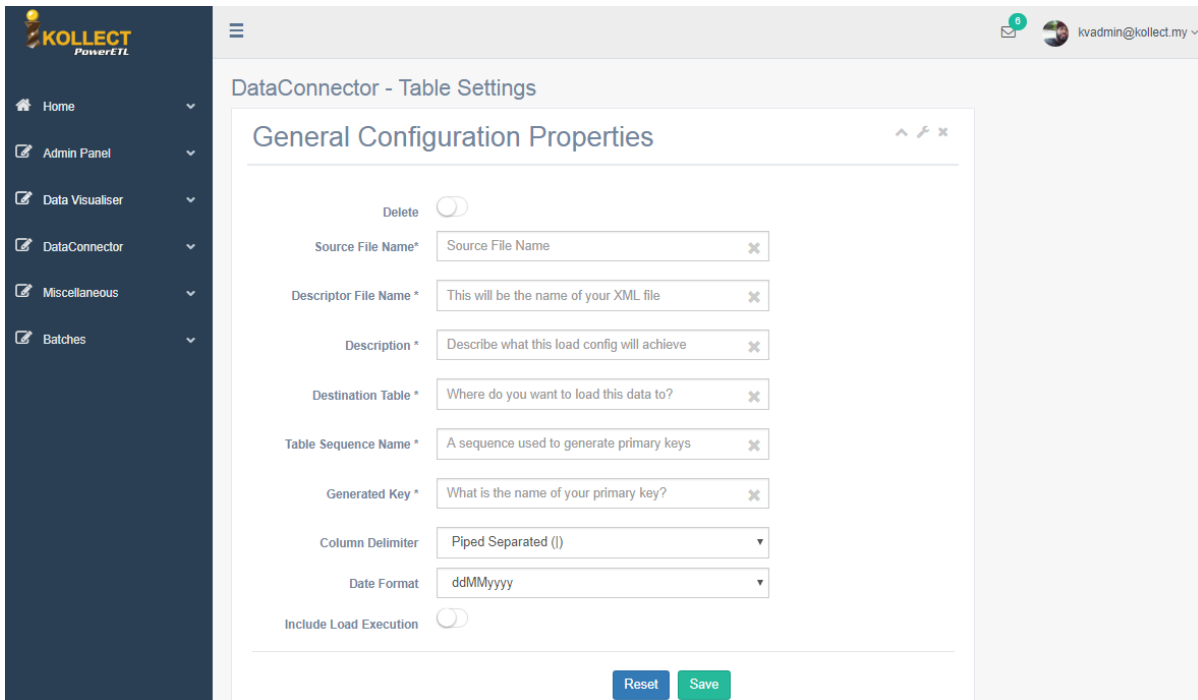
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Kollekt PowerETL



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.

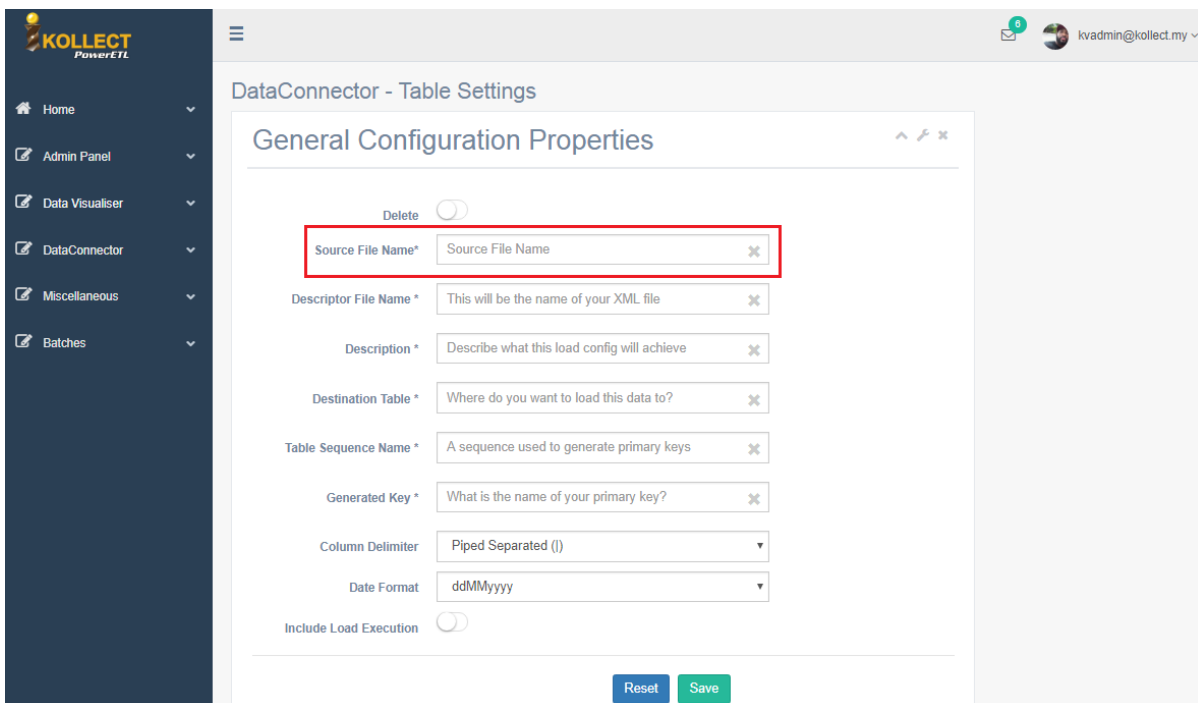


The screenshot shows the 'DataConnector - Table Settings' interface. On the left is a dark blue sidebar with the 'KOLLECT PowerETL' logo and a menu with items: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and contains a 'General Configuration Properties' form. The form includes a 'Delete' toggle, several text input fields with placeholder text, and two dropdown menus. At the bottom are 'Reset' and 'Save' buttons.

Field	Value / Placeholder
Delete	<input type="checkbox"/>
Source File Name*	Source File Name
Descriptor File Name *	This will be the name of your XML file
Description *	Describe what this load config will achieve
Destination Table *	Where do you want to load this data to?
Table Sequence Name *	A sequence used to generate primary keys
Generated Key *	What is the name of your primary key?
Column Delimiter	Piped Separated ()
Date Format	ddMMyyyy
Include Load Execution	<input type="checkbox"/>

Figure 1: Table Settings

Source File Name



This screenshot is identical to Figure 1, but the 'Source File Name*' input field is highlighted with a red rectangular border to draw attention to it.

Figure 2: General 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.

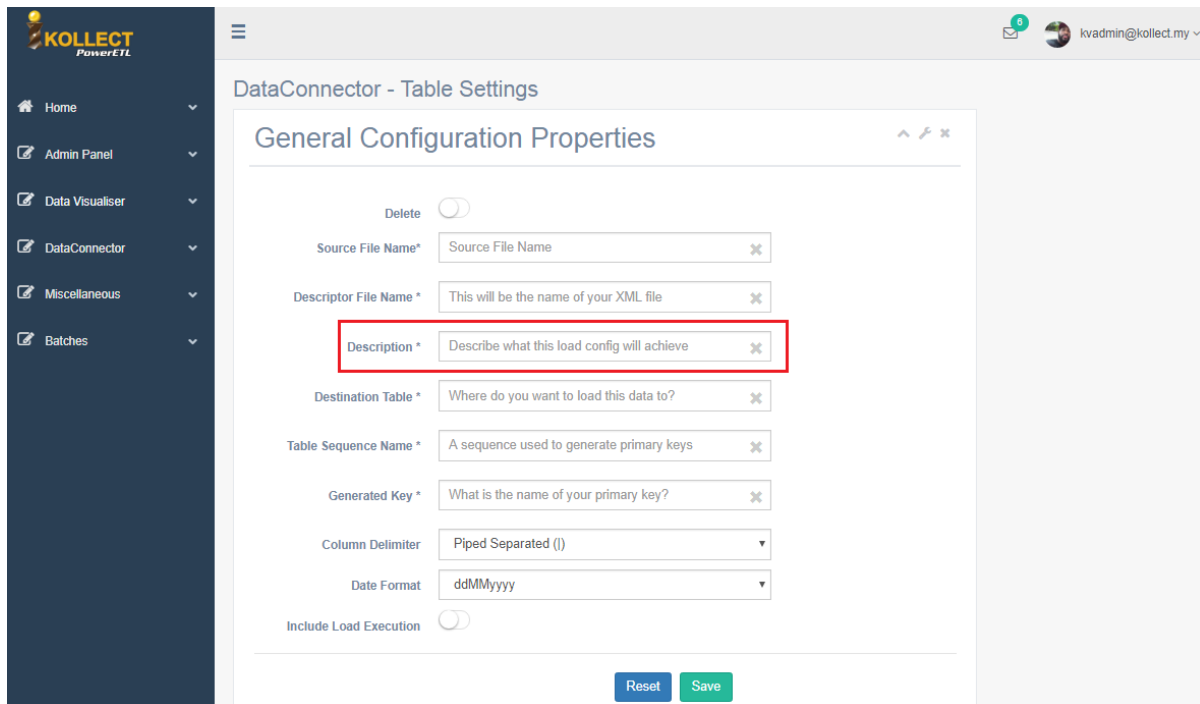
Descriptor File Name

The screenshot shows the Kollect PowerETL 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'. Below this is a section titled 'General Configuration Properties'. Inside this section, there are several form fields: 'Source File Name' (with a 'Delete' toggle), 'Descriptor File Name' (highlighted with a red circle), 'Description', 'Destination Table', 'Table Sequence Name', 'Generated Key', 'Column Delimiter' (set to 'Piped Separated (|)'), 'Date Format' (set to 'ddMMyyyy'), and 'Include Load Execution' (with a toggle). At the bottom right of the form are 'Reset' and 'Save' buttons.

Figure 3: General Settings - 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.

Description

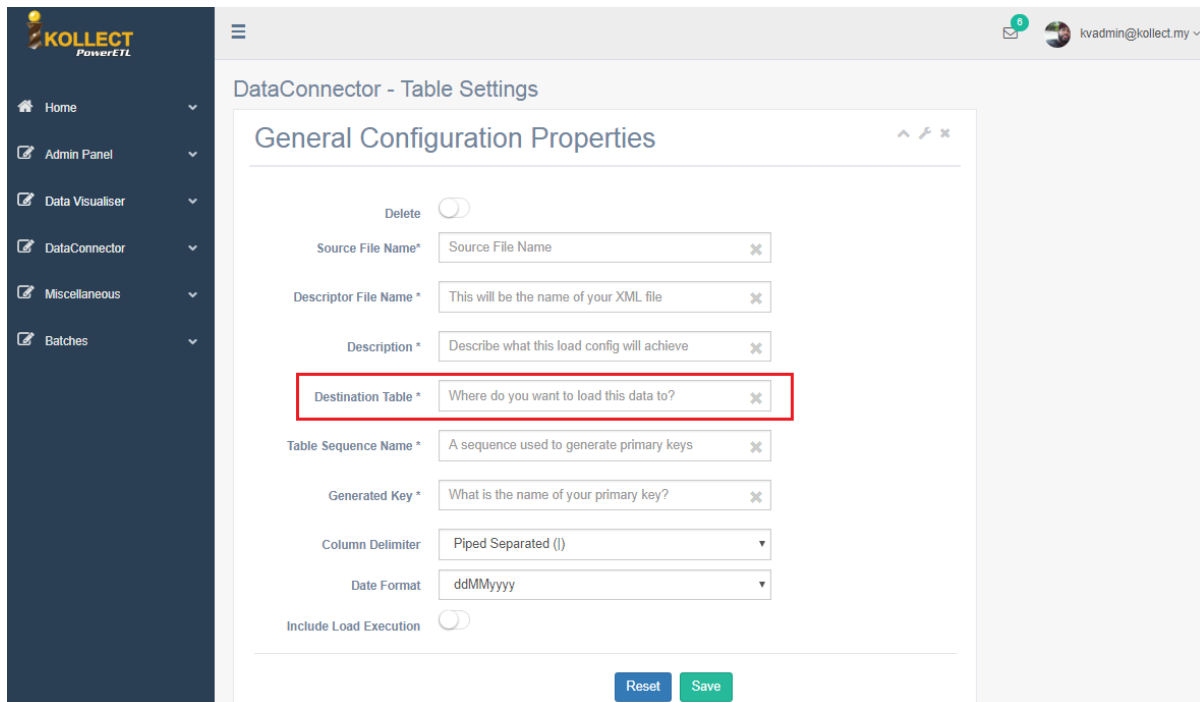


The screenshot shows the 'DataConnector - Table Settings' interface. On the left is a dark blue sidebar with the 'KOLLECT PowerETL' logo and a menu with items: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and contains a 'General Configuration Properties' form. The form has several fields: 'Source File Name*' (text input), 'Descriptor File Name*' (text input), 'Description*' (text input, highlighted with a red box), 'Destination Table*' (text input), 'Table Sequence Name*' (text input), 'Generated Key*' (text input), 'Column Delimiter' (dropdown menu), 'Date Format' (dropdown menu), and 'Include Load Execution' (checkbox). At the bottom of the form are 'Reset' and 'Save' buttons. The user's email 'kvadmin@kollect.my' is visible in the top right corner.

Figure 4: General Settings - Description

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

Destination Table

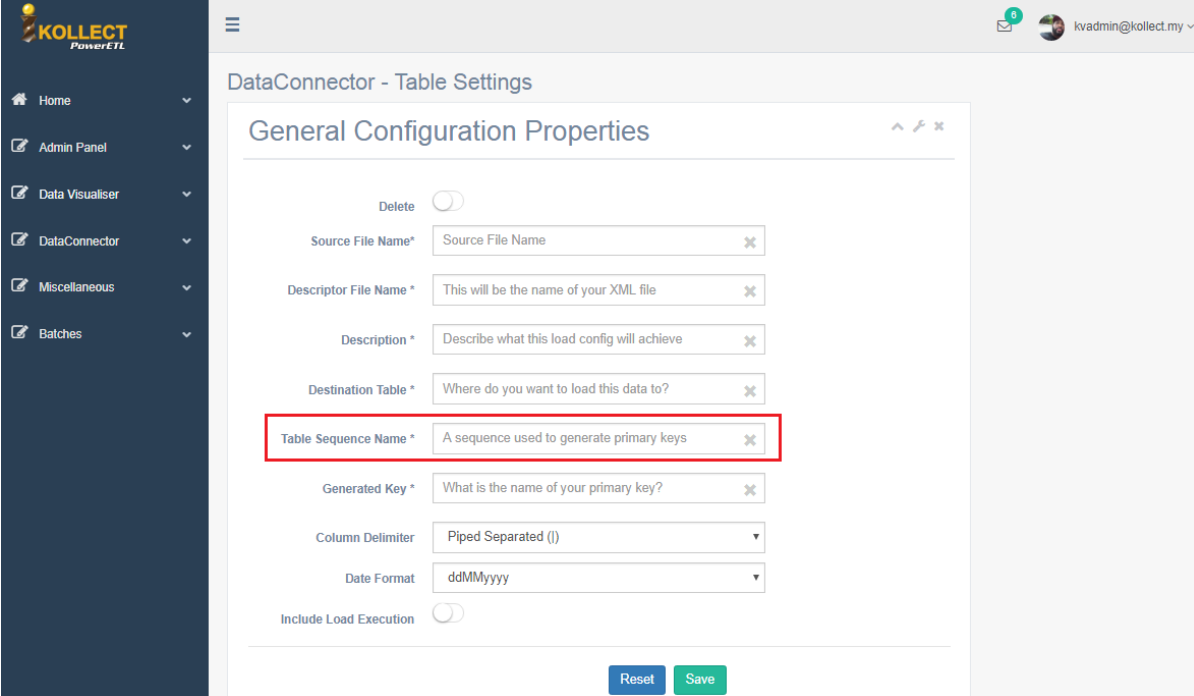


This screenshot is identical to the one above, showing the 'DataConnector - Table Settings' interface. However, in this version, the 'Destination Table*' field is highlighted with a red box instead of the 'Description*' field. All other elements, including the sidebar, form fields, and buttons, remain the same.

Figure 5: General Settings - Destination Table

All data files are eventually loaded into Kollect Database and in this Destination Table field, the user needs to specify the database table where the data will be loaded to.

Table Sequence Name

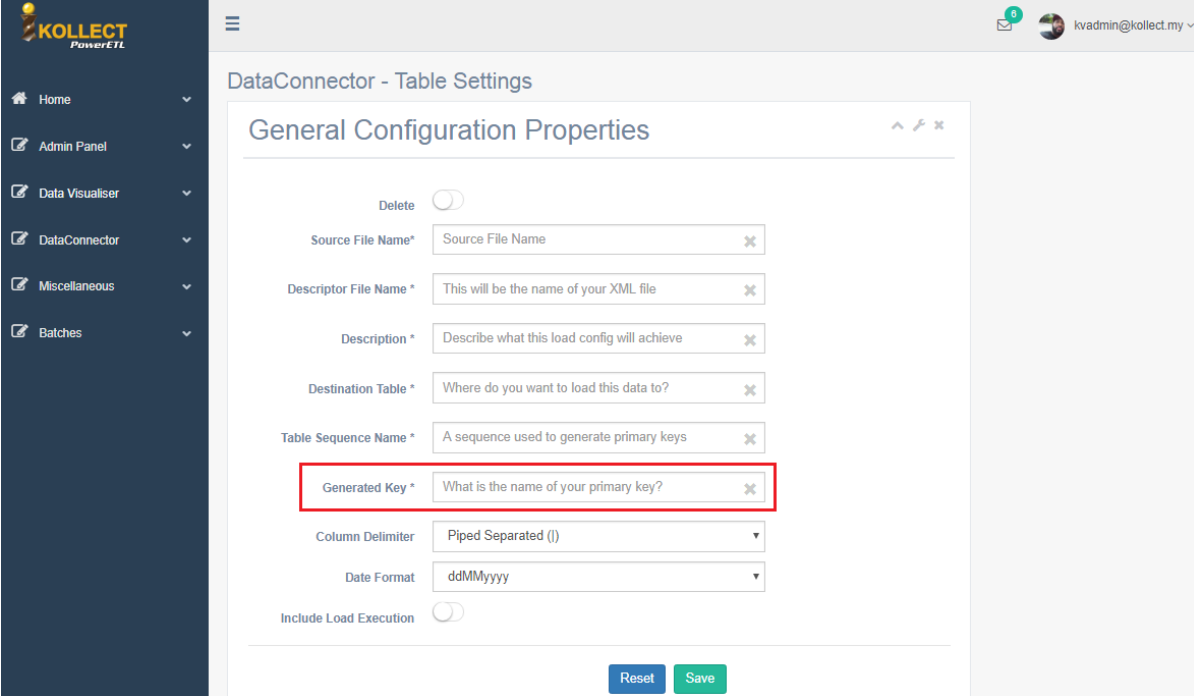


The screenshot shows the 'DataConnector - Table Settings' interface. On the left is a dark sidebar with navigation links: Home, Admin Panel, Data Visualiser, DataConnector, Miscellaneous, and Batches. The main content area is titled 'DataConnector - Table Settings' and contains a 'General Configuration Properties' section. This section has a 'Delete' toggle at the top. Below it are several input fields, each with a placeholder text and a clear (X) button: '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'), and 'Generated Key' (placeholder: 'What is the name of your primary key?'). There are also dropdown menus for 'Column Delimiter' (set to 'Piped Separated (|)') and 'Date Format' (set to 'ddMMyyyy'). At the bottom of the form is an 'Include Load Execution' toggle. 'Reset' and 'Save' buttons are located at the bottom right of the form area. The 'Table Sequence Name' field is highlighted with a red rectangle.

Figure 6: General Settings - Table Sequence Name

The table sequence name specifies the sequence used to generate Primary Keys. Here, the user is supposed to enter the Database Table Name, followed by `_ID`.

Generated Key



The screenshot shows the Kollect PowerETL 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'. Inside this, there's a 'General Configuration Properties' section. At the top of this section is a 'Delete' toggle switch. Below it are several text input fields, each with a placeholder text and a clear (X) button: '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), and 'Generated Key*' (placeholder: What is the name of your primary key?). The 'Generated Key*' field is highlighted with a red rectangle. Below these fields are two dropdown menus: 'Column Delimiter' (set to 'Piped Separated (|)') and 'Date Format' (set to 'ddMMyyyy'). At the bottom of the section is an 'Include Load Execution' toggle switch. At the very bottom of the form are two buttons: 'Reset' and 'Save'.

Figure 7: General Settings - Generated Key

The Generated Key specifies the name of the Primary Key column. In Kollect's Database Tables, the Primary Key Column is always the ID column and as such, this field's value is always, ID

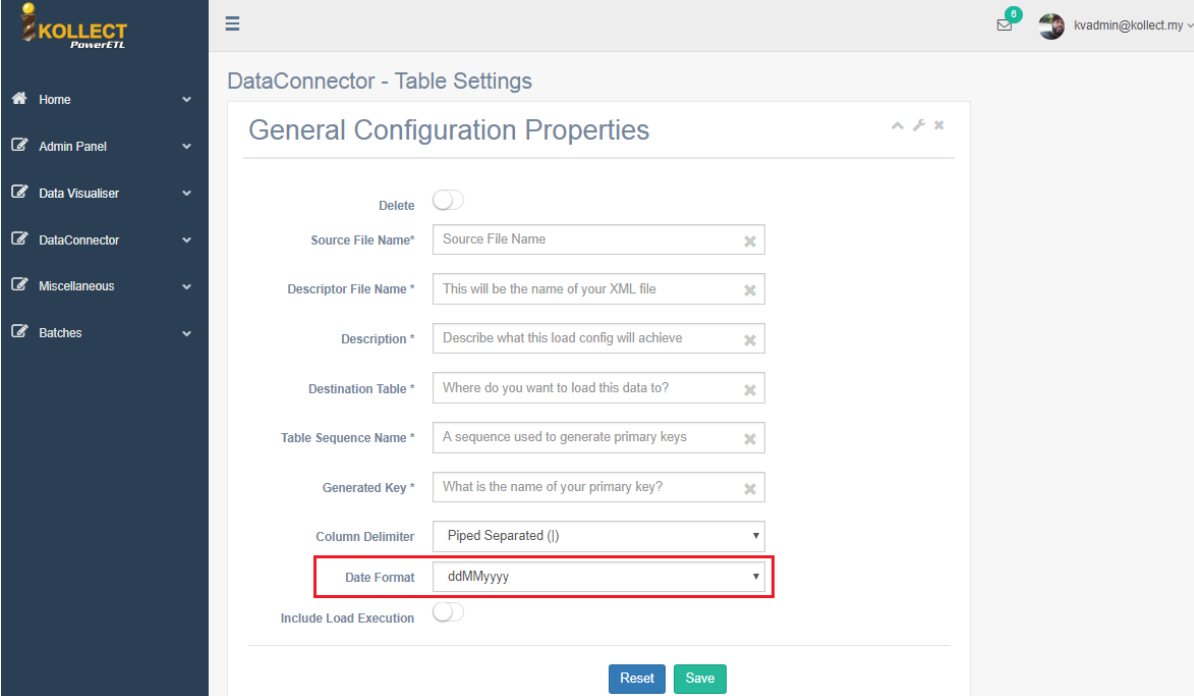
Column Delimiter

The screenshot shows the KOLLECT PowerETL 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' (text input), 'Descriptor File Name' (text input), 'Description' (text input), 'Destination Table' (text input), 'Table Sequence Name' (text input), 'Generated Key' (text input), 'Column Delimiter' (dropdown menu), and 'Date Format' (dropdown menu). The 'Column Delimiter' dropdown is highlighted with a red rectangle and shows 'Piped Separated (|)' as the selected option. There are also 'Delete' and 'Include Load Execution' toggle switches. At the bottom right of the form are 'Reset' and 'Save' buttons.

Figure 8: General Settings - Column Delimiter

The Column Delimiter dropdown is to specify how the data is separated in the Data File, and it would be either Comma (,) or Pipe (|) so the user is required to select how the data is separated.

Date Format



KOLLECT PowerETL

Home Admin Panel Data Visualiser DataConnector Miscellaneous Batches

DataConnector - Table Settings

General Configuration Properties

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 9: General Settings - Date Format

The Date Format here is to specify how dates are formatted in the data file received from the tenant. Date Format Options are selectable by the drop down menu, however the most commonly used date format is ddMMyyyy.

Include Load Execution

DataConnector - Table Settings

General Configuration Properties

Delete ☐

Source File Name*

Descriptor File Name*

Description*

Destination Table*

Table Sequence Name*

Generated Key*

Column Delimiter

Date Format

Include Load Execution ☐

Figure 10: General Settings - Include Load Execution

The user is required to switch this button ON.

Parent Table Settings

Parent Table Settings

Show entries

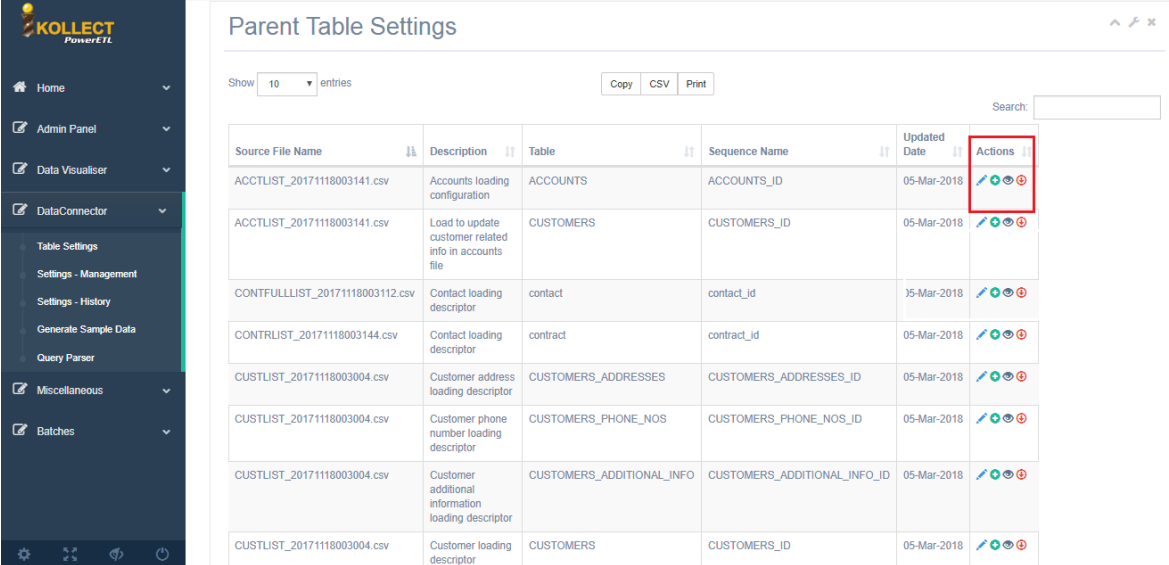
Search:

Source File Name	Description	Table	Sequence Name	Updated Date	Actions
ACCTLIST_20171118003141.csv	Accounts loading configuration	ACCOUNTS	ACCOUNTS_ID	05-Mar-2018	🔍 🔄 🗑️
ACCTLIST_20171118003141.csv	Load to update customer related info in accounts file	CUSTOMERS	CUSTOMERS_ID	05-Mar-2018	🔍 🔄 🗑️
CONTFULLIST_20171118003112.csv	Contact loading descriptor	contact	contact_id	05-Mar-2018	🔍 🔄 🗑️
CONTRLIST_20171118003144.csv	Contact loading descriptor	contract	contract_id	05-Mar-2018	🔍 🔄 🗑️
CUSTLIST_20171118003004.csv	Customer address loading descriptor	CUSTOMERS_ADDRESSES	CUSTOMERS_ADDRESSES_ID	05-Mar-2018	🔍 🔄 🗑️
CUSTLIST_20171118003004.csv	Customer phone number loading descriptor	CUSTOMERS_PHONE_NOS	CUSTOMERS_PHONE_NOS_ID	05-Mar-2018	🔍 🔄 🗑️
CUSTLIST_20171118003004.csv	Customer additional information loading descriptor	CUSTOMERS_ADDITIONAL_INFO	CUSTOMERS_ADDITIONAL_INFO_ID	05-Mar-2018	🔍 🔄 🗑️
CUSTLIST_20171118003004.csv	Customer loading descriptor	CUSTOMERS	CUSTOMERS_ID	05-Mar-2018	🔍 🔄 🗑️

Figure 11: Parent Table Settings

Once all the fields are filled, the user can click save and move on to the next file or to inserting the columns. The user can scroll down to view what they have saved in the Parent Table Settings. In this table, users are also given a list of

actions that can be taken. These actions are Edit, Add Fields, Preview DC Configuration File and lastly, Download DC Configuration File. To continue the loading process, users can click the plus(Add) icon to begin inserting the details of each column.



Parent Table Settings

Show entries Copy CSV Print Search:

































Source File Name	Description	Table	Sequence Name	Updated Date	Actions
ACCTLIST_20171118003141.csv	Accounts loading configuration	ACCOUNTS	ACCOUNTS_ID	05-Mar-2018	   
ACCTLIST_20171118003141.csv	Load to update customer related info in accounts file	CUSTOMERS	CUSTOMERS_ID	05-Mar-2018	   
CONTFULLLIST_20171118003112.csv	Contact loading descriptor	contact	contact_id	15-Mar-2018	   
CONTRLIST_20171118003144.csv	Contact loading descriptor	contract	contract_id	05-Mar-2018	   
CUSTLIST_20171118003004.csv	Customer address loading descriptor	CUSTOMERS_ADDRESSES	CUSTOMERS_ADDRESSES_ID	05-Mar-2018	   
CUSTLIST_20171118003004.csv	Customer phone number loading descriptor	CUSTOMERS_PHONE_NOS	CUSTOMERS_PHONE_NOS_ID	05-Mar-2018	   
CUSTLIST_20171118003004.csv	Customer additional information loading descriptor	CUSTOMERS_ADDITIONAL_INFO	CUSTOMERS_ADDITIONAL_INFO_ID	05-Mar-2018	   
CUSTLIST_20171118003004.csv	Customer loading descriptor	CUSTOMERS	CUSTOMERS_ID	05-Mar-2018	   

Figure 12: Parent Table Settings - Actions

Configuration - Add

- Home
- Data Visualiser
- DataConnector
- Miscellaneous
- Batches

DataConnector
Configuration - Add

Delete

Table Name *
ACCOUNTS

Parent Id *
60

Column Name *
Column Name

Remark *
Remark

Column Default Value *
Column Default Value

Column Start Position *
Enter Start Position

Column End Position *
Enter End Position

Column Data Handler
Long Handler

Column Properties

☐ Column Is Key
☐ Column Is External
☐ Column Is Optional
☐ Column Is Cached

Look Up Query
select id from subsidiaries where name = #subsidiary_id#

Look Insert Query
INSERT INTO #subsidiary_id# ("") VALUES ("")

Look Insert Key Query
select id from subsidiaries where name = #subsidiary_id#

Reset Save

Configuration Table

Show
10
entries

Copy CSV Print

Search:

Column Name	Default Value	Start Position	End Position	Data Handler	Is Key	Is External	Is Optional	Is Cached
ACCOUNT_GROUP_ID	0	0	0	Long Handler	false	false	false	false
ACCOUNT_NO	-	1	1	String Handler	true	false	false	false
ACCOUNT_NO	-	0	0	Long Handler	false	false	false	false
COMPANY_CODE	0	0	0	Long Handler	false	false	false	false
CREATED_AT	CURRENT_DATE	0	0	Date Default Handler	false	false	false	false
CREATED_BY	106	0	0	Long Handler	false	false	false	false
CUSTOMER_ID	0	1	1	Long Handler	false	false	false	false
HOST_ACCOUNT_NO	-	0	0	String Handler	false	false	false	false
IMPORT_ID	501	0	0	Long Handler	false	false	false	false
STATUS_ID	501	0	0	Long Handler	false	false	false	false

Showing 1 to 10 of 14 entries

Previous 1 2 Next

Figure 13: Parent Table Settings

Here the user needs to insert details of the first column, then click save, then start inserting details on the second column and so on.

Table Name

The name reflected in this field should be the name of the Table in which these columns are going into. This is a read only field

Parent ID

This field displays the Parent ID that is associated to the table. This is a read only field

Column Name

The Column Name field as it is named, is to insert the column name that the user would wish to load.

Remark

The user can fill any details about the column in the Remarks field such as its default value.

Column Default Value

In the database, there are many columns that do not allow for there to be a null or blank column. As such, we define certain default values in their absence. The Column Default Value field is to specify what value should be entered in the case that there is a null or blank column.

Column Start Position

The Column Start Position Field is where the user can input the column number from the Kollect Database, where the data is to be loaded. If it is to be loaded into the first Column of a Database Table, then the value here would be 1. If it is to be loaded into the second Column of a Database Table, the value would then be 2.