

Kollet PowerETL

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Kollect PowerETL - 1.0

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 which 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.

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.

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 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

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

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 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.