

PicLink II Data Mapping Tool

User Guide

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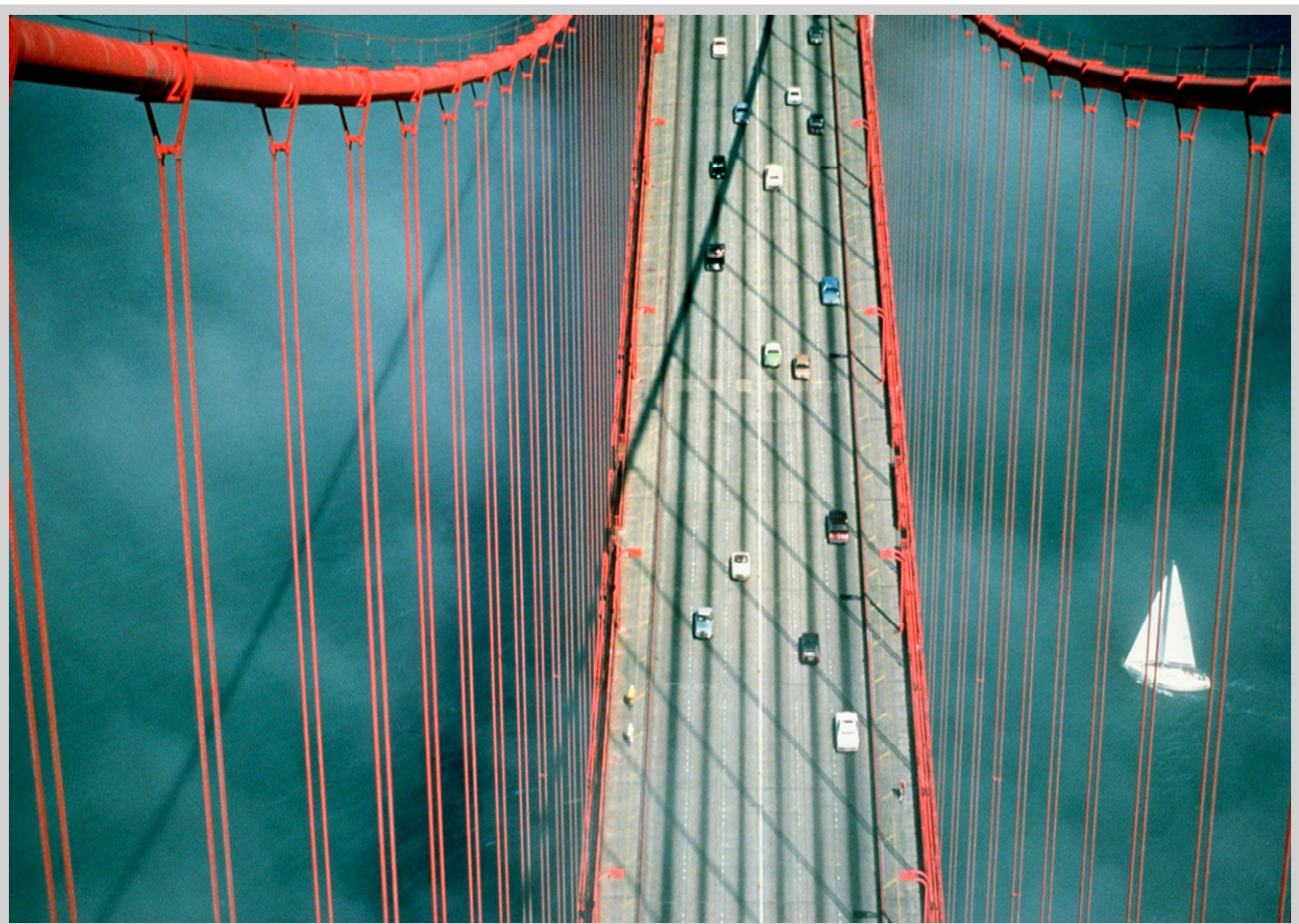


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Configuration

The following files are necessary to run the tool:

- ["PicLink2.xlsm"](#)
- ["Piclink data mapping.xlsx"](#)

For running the tool, the above mentioned files and subdirectory must be in the same directory. They can be anywhere, on a local drive or a network drive.

In addition, Excel version 2007 or higher must be installed on the computer.

The PicLink II data files to load into the tool can be anywhere. The location can be selected from within the tool (see below)

Quick description of the main files


- **"PicLink2.xlsm"** is the main tool and contains also the software tools.
The aim of this file is:
 - Load PicLink II files into the correct tab.
 - View the PicLink II data in line view.
 - Select data based on multiple criteria.
- **"Piclink data mapping.xlsx"** contains the structure of each record (one per tab) with the description of each field. In addition, important information is given for the main fields from column J.
The main fields are highlighted in yellow.
The data is shown in column, for one selected record.

PicLink2.xlsm

« Load » Tab

Data loading


This tab allows to load any PicLink II file into the workbook.

The button  beneath the file name field allows to select the file to load. The file can be anywhere, locally or on a server.


If the file type cannot be determined from the file name, it is necessary to select the correct file type in the field “Record Type”. If not, the loading won’t be done and an error message displayed.


The “Clear Sheet before loading” option allows to define if the destination tab (for instance L002 in case of the loading of an L002 file) has to be cleared before loading.

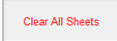
Certain files are grouped. For example, L001 and L007 records are in the same file. All L100 records (L100 – L136) are also in the same file. When loading a L001 or a L100 file and choosing the “Clear Sheet” option, all necessary tabs will be cleared, L001 and L007 in the case of an L001 file and L100 – L136 in the case of an L100 file.

The  button allows the loading of the data into the correspondent tab. In the case of an L001 or an L100 file, the data will be split in the various tabs.

Other buttons

 “User Manuel button” allows to open this document directly from the tool.

 “Remove All Filters on all Sheets” button allows to remove all data filters that you could have set on the various tabs. Can be useful, because depending on the researches done, many filters can be set, and removing them one by one is a hard job.

 “Clear All Sheets” button allows you to clear all data contained in all tabs for having a clean sheet. Easier than doing this on each tab manually.

“Record tabs”


Each record tab shows the loaded data in line mode.

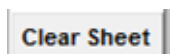
The record is split into the various fields. The description of each field is located in the lines 1 to 5.

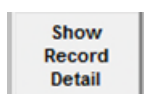
It is possible to select certain records using the Excel “Filter” button located at the right of each field in line 5. It is so possible to do data selection based on multiple criteria.

Important to know, the data is in column A and the data is split into fields with formulas contained in column C6 onwards.

Lines 6 to 500 contain formulas. If you need more, you can copy line 500 as many times as you want. Be careful: the more lines you have, the heavier the spreadsheet will be.

 Some records have an extension (see file [“Piclink data mapping.xlsx”](#) for more details). This extension contains additional information. It is not generated by default, but only on specific demand. In this file, the extension fields are after the blue vertical bar that is after field Lxxx-COFIN-REC. Not all records have an extension.

 “Clear Sheet” button allows to clear all data contained in the sheet. Be careful when doing this on an L001, L007 or L100 – L136 tab. All linked tabs will be cleared. For more information, see “Load Tab” paragraph above.

 “Show Record Detail” button allows to show a selected record in column mode. For doing this, simply select a data line and click on the “Show Record Detail” button. The “PicLink data mapping.xlsx” file will be opened and the record copied to the correspondent tab. It is so possible to have more details on a selected record.

In the case of an L001 or L007 record, both records will be automatically copied in the L001 tab.

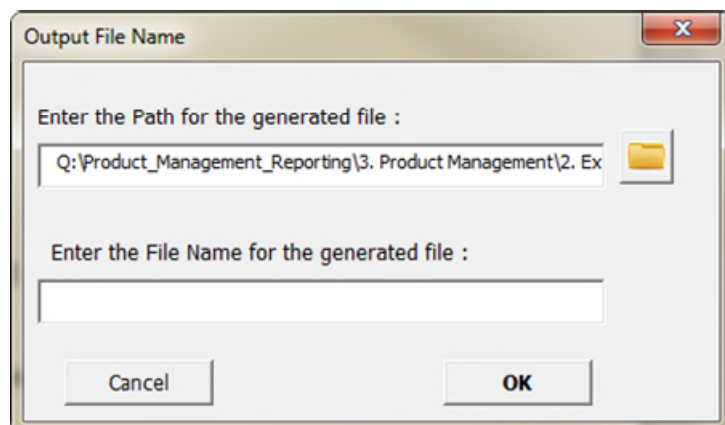
In the case of an L126, L128 or L129 record, the three related records will be automatically copied in the correspondent tabs.



“Generate PicLink file” button allows to regenerate a complete PicLink II file including the header based on the selected data.

You may want to select only some L006 records for instance for your interface. The selection of the records can be done with the filters of each column.

When choosing the “Generate PicLink File”, this box will be shown :

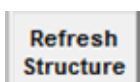


You can choose the path and the file name of the generated file. The path will be kept in memory as long as you don't close the “PicLink2.xlsm” file. So you have to choose the path only once per session.

The generated file will contain a correct header and **only the selected records**. This can be useful for creating a new set of records for testing a specific case, without having to load the whole file.

In case of linked records, the generated file will contain both. For example for a L001 record, the file will also include all corresponding L007 records, based on the selection.

The same applies to L100 files. The file will contain all selected record. You can set filters on all “L1xxx” tabs.



“Refresh Structure” button should be used carefully and only if necessary. This button will refresh the record structure contained in lines 1 to 5 from the data contained in file “PicLink data mapping.xlsx”. The structure changes very rarely, so normally you should not use this function.

PicLink data mapping.xlsx

This is the main document for developing a PicLink II interface.

This document shows following information:

- A user guide of the file in the “Introduction” tab.
- A small glossary with some important information.
- A complete description of all available records.
- A tab for each record with the complete structure and description.
- The record tab gives following information :
- The name of the field.
- The description of the field.
- The main values.
- The format (COBOL based formats).
- The beginning position of the field in the record.
- The field length.
- In cell I1, it is possible to paste a complete record from a PicLink II file and see it split in fields. Much easier for reading.
- From column J onwards, there is additional information for certain fields. For example for the transaction records, there will be information for each transaction code.
- The main fields are highlighted in yellow.

Some fields contain links to external files for more information.

This file is linked to the “PicLink2.xlsm” file, because it allows to show one selected record in column mode.