

Each time you launch Excel, MRPRO launches some utilities for you. If however, you are an infrequent user of MRPRO, and do not want to load the MRPRO library and background functions each time you use Excel, you can go to Excel options, Manage, Addins, Manage Addins, and uncheck mrpro517. But then, if you want to use MRPRO, make to sure to re-check it prior to launching it (if need to, you will have to browse to the C:\mrp51 directory to point to the file) , if you do plan to use it later. This simple extra step means that you do not need to re-install if you want to use MRPRO, but it also means that you will need to make sure it is checked in Addins each time you launch MRPRO. The easiest is to keep it checked always (so you dot need to check it each time). When you open Excel, an instantaneous flash of your registration will appear and you will have some extra utilities in the Addins Ribbon menu.

For all buttons' usage read this User's Manual, and search by keywords in the text that correspond to the button command. Some buttons have "mouseover" in the nearby cell for clarifications, especially if there are some special procedures.

Use of MRPRO:

Use of MRPRO can be used for aggregating supplier information, to validate the .

Main console:

Sheet mncns is referred to as the main console. Most of the operation is from here.

Some operations can also be done from Addins menus on the Excel Ribbon (2007 or higher), or under "Tools" in very old version Excel 2003.

Two modes of operation, either for CMRT or the EMRTs is allowed. But this must be chosen from the Addins, and this will then show as the default for which the dashboard will work. To switch from CMRTs to EMRTs or vice-versa, the choice on the Addins has to be reset by clicking that menu choice.

Use Supplier names:

This can be done by opening the Contacts list, which gets the Contacts Sheet of the

“masterlist” workbook. Supplier names are maintained, and using the “make file association” button in the Addins ribbon panel, the appropriate file associations based on Supplier name are maintained here. Importing the summary from each EICCGeSI brings the summary data here. To use this function, simply click the Contacts sheet, and then use the import function button in the Addins Ribbon panel.

Supplier based Rollups and Using Sheet AF

Supplier based Rollups are created using the information entered in Sheet AF. To use association by Supplier Name, enter the Supplier names and use the file association button the Addins Ribbon panel (after clicking the Sheet AF) to associate files using the masterlist maintained file associations. Alternately, you can just directly input the full path, filename, and extension by using the “Load supplier files/Sheet AF” button on the Addin Ribbon panel. Then use the supplier based Rollup button in Sheet mncns to do the rollups. After doing rollups, prior to closing the file, if you are interested in a creating a product level declaration, enter you product numbers in the Sheet “Product List” of the template. This will enable other companies to use your template to do BOM based rollups.

Validation of EICC-GeSI form

This is done from the form itself now.

To open any file, you can simply click on any cell that contains the full path, name and extension of the file, and click “Open Excel file” in the Addins Ribbon panel.

(If running Excel 2003 and need to view xlsx files try this free utility from Microsoft that lets xlsx files be opened by older versions of Excel.)

<http://office.microsoft.com/en-us/excel-help/open-an-office-excel-2007-workbook-in-an-earlier-version-of-excel-HA010014107.aspx>

Creating List Report

To create a list report, first the list criteria must be set (see below).

Setting List Criteria

Clicking this button opens an excel sheet where list filtering criteria can be set.

The default includes all of the elements unfiltered for any of the parameters in the criteria. By entering a value in any of the parameters, the search is limited by filtering for that specific parameter having that value.

Doing a BOM based rollup:

To use this feature the names or IDs of suppliers in Sheet BOM (Column B in Sheet BOM) must be a part of the filename in Sheet AF (column A), though they could be in different rows.

There are two options, if a straight BOM rollup is chosen as option, the declarations of the suppliers listed in Column B of Sheet BOM will be rolled up (the entry of part numbers in Column A of the same row in BOM is to identify the supplier as the one in column B for ease of user). The column A in Sheet AF must contain at least the list of supplier filenames of the suppliers in Column B of Sheet BOM (it could have many others)-the supplier names in BOM must be a part of the filenames in Sheet AF, but the order of rows is immaterial between AF and BOM. The other option for BOM based rollups is for detailed search of the Product List sheet of the supplier declarations for the part number listed in column A of BOM.

This is for the advanced user who is sure his suppliers are listed all product numbers in the Product List of their declarations.

This will just do Simple rollup of suppliers listed in Column B of Sheet BOM corresponding to each part number in Column A of Sheet BOM, if that part number is found in the Product List sheet of THAT supplier's declaration. It is important

that this feature requires that each row, the columns A and B (of Sheet BOM) must correspond in that the part number must be from that supplier. If however, the suppliers of part numbers are not known, list all suppliers files in AF, (and optionally enter just the part numbers in Sheet BOM (column A), this will create a rollup for those parts, but from all the suppliers listed in Sheet AF-you can just as well list just the supplier files in AF and get the same result, but listing the part numbers may be of use in deciding which supplier files to load for that product category.

Exporting XML

Once a EICC-GeSI template has been completed, it can be exported to an XML format.

Prior to doing this, do a validation to ensure all required fields are completed.

Then simply click any cell in the template to be exported, then click the Addins menu, then click the “Export EICC-GeSI XML” button. When prompted for a filename, enter a filename of your choice. The default format will be XML.

Importing XML

A XML file created to the conformity of a 1.0 schema can be imported into an Excel format. To import an XML thus, simply click the “Import XML...” button, then when prompted to choose a file, simply point to the appropriate XML file, the data will be pulled into a EICC-GeSI template and made visible and available in Excel.

Other utilities (These Utilities come up on the Addins Ribbon in Excel 2007 and higher, and in the Tools menu in Excel 2003). Here's a description of some of the important ones:

Open Excel file

To open any Excel file, click a cell that has the complete path and filename and extension of a file, then click the open excel file button in the Addins Ribbon

menu. The file will be opened.

View chosen dec/xml

In this version, this opens, in text format, the xml file whose filename including entire path and extension are in a selected (clicked) cell, just in a browser. If you need to import into cell, use the button for importing xml into Excel in Sheet mncns.

Select filename

Selects a range so you can copy and paste elsewhere an entire range.

See xml text/default view

In this version, this opens, in text format, the xml file whose filename (excluding path and extension) is in a selected (clicked) cell, just in a browser. If you need to import into cell, use the button for importing xml into Excel in Sheet mncns.

See .txt/Notepad

In this version, this opens, in text format, using notepad the text file whose filename (excluding path and extension) is in a selected (clicked) cell.

Check down col for non-ASCII

This checks and removes non-ASCII characters down a column.

List of filenames

To obtain a list of filenames of files in Excel format, txt format or xml format, simply click the button “List of filenames” button in the Addins Ribbon menu. When prompted for a directory, choose the appropriate directory. The default is C:\mnp51. When prompted for a partial string, enter a string or leave blank (for all files). Filenames matching the partial string entered will be displayed. These filenames can be copied and pasted for example in to Sheet AF.

This loads a bunch of Excel and XML names onto a file called miscefil.xls and made

visible. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories. When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered.

Only files from the directories chosen by the user and the proper options selected should appear in the list, otherwise the user has not selected options properly.

Load Supplier Data/Sheet AF

This loads a bunch of supplier Excel templates' names onto SHEet AF. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories. When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered.

Only files from the directories chosen by the user and the proper options selected should appear in Sheet AF, otherwise the user has not selected options properly.

Load Supplier Data/Masterlist

This loads a bunch of supplier Excel templates' names onto Column L of the Contacts sheet of the masterlist. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories.

When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered.

Only files from the directories chosen by the user and the proper options selected should appear in Column L of the Contacts sheet of the masterlist, otherwise the user has not selected options properly.

Make file association

The Addins Ribbon button “Make file association” can be used only from The “Contacts” sheet of the Masterlist or the Sheet AF of the dashboard. When used from the masterlist, you will be prompted for directory, then filenames matching the supplier names entered in the Contacts page of the masterlist will be displayed in the appropriate column of the Masterlist. When used from Sheet AF of the dashboard, the file association are made as follows: The supplier names entered in Sheet AF are compared with the list in the Contacts page of the masterlist and the corresponding filenames as in the Contacts page of the masterlist are pulled into Sheet AF. The file names must already exist in the Contacts page of the masterlist to be able for this to work in Sheet AF. (Alternatively, if you want to bypass this and pull filenames in to AF, you can use the “List of filenames” button, obtain filenames with paths, and copy any appropriate filenames into AF to do your operations. In the end, only the complete filenames, with path and extension, are needed for this).

Get cursor back

If you have run the program incorrectly or with incorrect/insufficient inputs, you may keep getting a cursor status that seems busy without doing anything (normally, nothing in the program except for huge searches or huge rollups should take more than a minute), then clicking the "Get cursor back" in the Addins Ribbon will get a normal cursor back (do this only when you are sure you are not interrupting the program).

Change column headers

This option in the Addin Ribbons menu allows users to see the headers associated with type of programs they are running.

Import older EICC-GeSi forms

In the Addins, there is feature to do this called Import older EICC-GeSi form. This can be one at a time or many files at a time. For many at a time, the filenames and paths should be loaded onto Sheet AF (if they are in a single directory, this becomes easy) by Using "Load Supplier data/Sheet AF" task in Addins and pointing to that directory when prompted. Alternately, by leaving Sheet AF blank, this same option in Addins allows user to pick one file at a time for conversion.

Delete a smelter line

This option in the Addin Ribbons menu allows users to delete a row in the "Smelter and Mine Details" sheet in the template. Now delete smelte line is available at the sheet level in the template itself.

XML Search and XML based rollups' buttons

General Note:

The entire set of filenames and paths for the XML files must be loaded onto Sheet AF. The files themselves can be on a web location, in which case entire web address must listed, or if on the desktop, the file directory must be within the C:\mrp51

directory (it can be a subdirectory within the C:\mrp51).

Recommended: For easiest use of defaults on browser settings for the search paths, the following are recommended: For desktop XML searches and rollups, set the default browser to Mozilla Firefox before doing the XML Search or Rollup, and if using web addresses for files, the recommended browser is Microsoft Internet Explorer.

Remember: Searches and Rollups are only for those listed in the Sheet AF. If you could not convert all your supplier templates to XML, then those must be converted, to be inclusive of them.

Best Management Practices and tips.

Always save mrpro51 as an xls file when saving, and it should always be in the C:\mrp51 directory.

When doing rollups, if there is any inconsistency in the data, MRPRO will indicate there is inconsistency. Data written subsequent to a warning of error will not be correct. Users should work on getting correct data from supply chain until warnings cease indicating no inconsistency.

Any feedback, questions or other comments should be sent to shaka777@gmail.com