

Fix Renamed Library Drawings with Numbers Assigned.

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Since we are in need of renaming many Library drawings that had Fermilab numbers assigned using the FERMI_IDM macros, this document will explain the procedure to identify these drawings for processing, the fix will be included in the default set_globals macro so it should automatically repair any checked out drawing that gets opened, provided that you have entered the correct information in the Team RENAMED_DWG.LIS. Since all the macros call the set_globals macro, all renamed numbered drawings will force a fix before the user can correctly work with the drawing. When processing files in bulk using midamin, care must be taken to make sure that all renamed and numbered drawings get added to the RENAMED_DWG.LIS. If you have many files that were renamed you should assign users to check out these files, open each, run the standard FIX RENAMED DWG macro from the icon panel, and then check all the files back into the Library.

If you've never had the situation where the FERMI_IDM macro removed the number from your drawing, here is an explanation of why it works this way. Believe it or not this is for your own protection. Since IDEAS will allow any user to get a numbered drawing from the Library using Reference or Copy, the software allows a new drawing in the user's model file that has the same number on it. The user may decide they need to plot this drawing or intend to create a new drawing using this file to start. They can accomplish this easily by changing the Library status of the drawing to Local Copy. Now the user can do anything they want and plot or distribute this file with your original number on it, and probably your name. To avoid this possibility the FERMI_IDM macros store and log the drawing name that was assigned to the number, and check the current name and library status to determine if the open drawing is the correct file, if not then they remove the number from the title block. The macros will continue to work this way, but using this procedure you can identify drawings that were intentionally changed and preserve their numbers.

So how will this all work, each team area will have a directory added RENAMED_LIB_DWGS where the list and log files will be stored. All numbered and intentionally renamed drawings must be added to the RENAMED_DWG.LIS file, all corrected drawings will be logged in the RENAMED_DWG_FIXED.LOG file by the macro.

RENAMED_DWG.LIS format

Old Name<TAB>Number<TAB>Sheet

The file must use the TAB character for a delimiter since some old names may contain spaces and drafting could have problems correctly parsing the list. You can easily generate this file from the Excel spreadsheet you use to make corrections with miadmin. Entries may also be added directly to the file using the proper format.

RENAMED_DWG_FIXED.LOG

Old Name<TAB>Number<TAB>Sheet<TAB>New Name

This file will be populated by the macro each time a drawing is corrected, and used to check for drawings that have already been fixed.

For Administrators the existing macro to fix renamed files by hand will still be available, but the new procedure should be used.