



GPUG™ Tech Tips

By John Lowther, Sta-Home Health & Hospice

Why reinvent the wheel?

Why try creating SQL scripts or anything that some else has already done? When it comes to the most common problems in Dynamics GP Microsoft has created Automated Solutions had has published them on Customer Source for most versions of Dynamics GP, everything from version 7.5 to 10.x can be found. Here is a list of just some of the solutions you can find by going into Customer Source then selecting "Support/Automated Solutions" on the left hand menu, and then just select your version. I have included the links for both Customer Source and directly to the main Automated Solutions page above. The following list, copied from the Dynamics GP 10.x.page contains 29 fixes across 11 different modules of Dynamics GP that you do not have to write, just download, and run them.

Microsoft Dynamics GP 10.0 Automated Solutions

Module	Automated Solution	Description
Bank Reconciliation	Bank Rec Reconcile Error	Checks the Cash Management Transactions file for entries with more than 2 decimal places (this can be caused by 3rd party products or incorrect integrations) and reports them to the user.
	Deposit Edited by Another User	Clears the stuck activity record causing the error message "Deposit is Being Edited by Another User."
General Ledger	Clear AF/GL 50000 tables	Clears all AF and GL 50000-59999 tables in a specific database. These tables will be repopulated as needed.
	Copy AFA setup information	Copies the AFA reports from one company to another.
	Rebuild Account Index	Recreates the GL00105 table (Account Index Table) with the appropriate accounts from the Account Master without running Check Links on the Account Master.
	GL Out of Balance SQL	Allows user to search both open and closed years (GL20000 and GL30000 tables) for unbalanced journal entries (based off of originating currency). Any unbalanced journal entries are reported to the user in an organized text format.
	Multi-Currency Debit/Credit Not Matching	Checks the GL20000 and GL30000 tables and see if there are instances where the functional currency debits and credits are unbalanced.
	Trial Balance out of Balance	Checks the GL20000 and GL10001 tables and see if there are instances where there are more than 2 decimal places in a value. Will also search the GL20000 for debit and credit amounts that do not balance.
	Year End Close Checklist	Performs basic checks on your accounting data to help you prepare to close your fiscal year.
Human Resources	Copy Human Resources Setup	Copies Human Resource Setup information from one company to another.
Fixed Assets	Clear FA41900	Clears out the FA41900 table in the company database to stop projections from either erroring or timing out.

	Error 17 - Fixed Asset Index	Clears the FAINDEX table and removes inactive sessions from the dex_lock and dex_session tables to resolve Error 17 in Fixed Assets - Trying to enter an Index that is already being used.
	Copy Fixed Assets Setup	Copies Fixed Asset Setup information from one company to another. You will need to setup your corporate book, year, and quarters within Fixed Assets after the copy is complete.
Payables Management	Payables Duplicates	Checks for and reports all duplicate records among payables (PM) tables. The results can be conveniently copied and sent to Technical Support for review.
Payroll	Clear Payroll Activity	Clears the Payroll Activity tables and the Direct Deposit activity tables in case users are stuck in the system.
Project Accounting	Clear Project Activity Table	Clears the PA000001 table to remove any stranded users from the Project Accounting Activity table. Make sure all users are out of Project Accounting before running this Solution.
Purchase Order Processing	Purchase Order being Edited by Another User Error	Resolves the 'Purchase Order Being Edited by Another User' error by clearing the following tables: DYNAMICS..ACTIVITY, DYNAMICS..SY00800, DYNAMICS..SY00801, tempdb..DEX_LOCK, and tempdb..DEX_SESSION.
Receivables Management	Reconcile Can't Be Completed	Resolves error Cannot Complete Reconcile Process while Transactions are being edited by another user.
	Receivables Duplicates	Checks for and reports all duplicate records among receivables (RM) tables. The results can be copied and sent to Technical Support for review.
Sales Order Processing	Document Edited by Another User	In Sales Order Processing, you may encounter the following error when entering transactions or when trying to run reconcile, "Sorry, this document is being edited by another user." This Solution will clear any stranded user sessions.
	Duplicates in SOP	Searches for duplicates in Sales Order Processing. Any incorrect duplicates returned will need to be deleted.
	SOP Already Been Posted Error	Checks the status of a SOP document, checks for duplicates and if needed, changes the information to allow the document to post.
System Manager	Cannot Post Batch	Clears the Batch Activity Table (SY00800). If a batch is stuck, this will release the batch for processing.
	Change Database Owner	Sets the database owner to DYNSA for the Dynamics GP databases.
	Clear Inactive Sessions	Clears the DEX_LOCK and DEX_SESSION tables in the tempdb database where a user's SQL session is no longer active.
	Copy Company Setup	Copies all the setup information from one company to another in SQL. You can choose between what module information to send over to the new company. *Note: Due to the potential amount of time this operation takes to complete, it is advised to run this solution during off peak hours.
	Delete Company in Dynamics GP	Delete company if the company information exists in Dynamics GP, but not in SQL.

Grant Access to All Databases in SQL	Runs GRANT.SQL against the DYNAMICS and each company database to resolve any SQL privilege errors.
Unable to Log in to Dynamics GP	Removes users locked in ACTIVITY and tempdb tables

About the Author: John Lowther is the Database Administrator, Senior Developer, and Application Manager for Dynamics-GP at Sta-home Health & Hospice, Inc in Jackson, Mississippi where he deals mostly with the Database Administration, Development, Payroll, Human Resources, BI, as well as overall system performance. He is also on the Board of Advisors for the Dynamics GP User Group (GPUG), involved with several of the GPUG Special Interests Groups, posts on several blogs and has been involved with Dynamics-GP since 2001.