

Spreadsheet Server Release Notes

Version: 14.9

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Enhancements/Changes in Version 14.9

Spreadsheet Server

Settings

The following enhancements have been made in the Spreadsheet Server Settings function:

- General - modified to highlight the General Ledger Type field when the value is preloaded based upon a setting in the Configurator.
- General - added logic to apply the SQL Timeout (in seconds) option when processing a GXL using an Oracle connection type.

Cache

The Clear Cache & Recalculate option on the Spreadsheet Server ribbon has been changed to a split button, and sub-options have been added for clearing and recalculating cache for all records, the current sheet or selected items (i.e. rows or cells).

Build a Template

The following enhancements have been made on the Build a Template - GEXD panel:

- Added a drop-down list to the Starting Cell/Range/Table field for displaying available named ranges and tables.
- Added conditional processing to the Clear a Range of Cells field, such that the field is only enabled when the Starting Cell/Range/Table field value is a cell.

Formula Assistant

Conditional processing has been added to the Clear a Range of Cells field on the Formula Assistant - GEXD panel, such that the field is only enabled when the Starting Cell/Range/Table field value is a cell reference.

Drill Downs

All drill down panels have been enhanced to allow the user to abort a long-running drill down query.

Segment Lists

A text box has been added at the bottom of the Segment List Maintenance panel to display an example of the evaluated SQL statement for the selected segment list(s).

Locate Segment

The Locate Segment function has been enhanced to allow for selecting and inserting multiple values to a bracketed list in the current active cell.

Hide Zero Rows

The Hide Zero Rows function has been enhanced to also include GEXQ formula results when determining whether to hide a row with zero balances.

Miscellaneous

The following miscellaneous enhancements have been made in Spreadsheet Server:

- Modified code for Convert SS Formulas function to improve performance.
- Tested to ensure that Spreadsheet Server functions properly in Office 2019.
- Made various changes to integrate connectivity to MRI and ensure functionality throughout the product.

Formulas

GXE

Spreadsheet Server has been enhanced to allow the user to generate reports for multiple selected GXE formulas on a worksheet via options on the ribbon and right-click menu.

GEXD

The following enhancements have been made to the GEXD formula:

- Improved performance and reduced memory cost when generating GEXD formulas.
- Added the ability to generate reports for multiple selected GEXD formulas on a worksheet via options on ribbon or right-click menu.
- Added a message prompt when generating a GEXD formula that is set to clear the range or table and the system detects data adjacent to the target range or table. The user may select to abort the process for the GEXD or continue and lose the adjacent data.

Distribution Manager

Maintain Specifications

A new option, One Email for All Recipients, has been added on the Maintain Specifications - Email tab, allowing the user to select to send one email to all recipients on the DM spec line. When the option is selected, the Distribution Manager Setting's option, Consolidate Emails, is ignored.

Distribute Workbooks

The distribution process in the Distribution Manager component has been enhanced to evaluate GEXQ formulas when determining whether to hide zero lines.

Spreadsheet Writeback

Oracle API

The following enhancements have been made for processing writebacks using an Oracle API:

- Enhanced to automatically format Default Value data cells on the Builder sheet based upon the Data Type of the associated parameter.
- Added the name of the Builder used to create the Loader to the Loader tool tip.
- Reduced processing time when using the Add API Loader Lines function to add a large number of additional loader lines to the worksheet.

JD Edwards

Validation has been added, when processing a writeback for a JDE orchestration, to display a message when the line type value is not set for a header or detail line.

Query Designer

Field List

The following miscellaneous enhancements have been made to processing in the Field List quadrant in Query Designer:

- Added the display of a warning message when Auto Alias is not on and the user adds a duplicate field from a table to the Field List.
- Added a new option, Duplicate Field, on the right-click menu in the Field List quadrant, allowing the user to add a duplicate field and have the system automatically assign a unique alias to field.

Builder

The Builder panel has been enhanced to only display tabs appropriate for the query based on the associated connection type.

Miscellaneous

The following miscellaneous enhancements have been made to Query Designer:

- Added the ability to abort a long running query in Query Designer.

- Added logic when running a query for a large dataset (i.e. over 25,000 rows) to not perform autofit function but to instead default the width size of columns in order to reduce processing time.
- Added logic to apply the Spreadsheet Server Settings - Query option, SQL Timeout, when processing a query using an Oracle connection type in Query Designer or Excel.
- Added Cancel button to the Query Changed prompt panel, allowing the user to abort the process of closing the query and return to the open query.

DecisionPoint

Miscellaneous

Various changes have been made in Spreadsheet Server to integrate GXL and query (.edq) processing in the DecisionPoint product.

Designer General Ledgers

Data Validation

Data validation lists have been added for Key1 and Key2 parameters on the worksheet when the Build a Template function is used to insert a GXL formula.

SAP® General Ledger

Miscellaneous

Logic has been added to utilize new Application Configurator user security options to determine when a user is allowed to access SAP Classic Ledgers and/or Special Ledgers in Spreadsheet Server.

SAP Adapter

The following enhancements have been made to the SAP Adapter and/or SAP Connector:

- Created new RFCs to control execution of ad hoc, Designer GL and Query Designer queries from within SAP. In addition, various functions in Spreadsheet Server and Query Designer have been enhanced to call these new RFCs.
- Modified RFCs to make column delimiter dynamic.

Transports

New transports, GL0K901718 - NW7+ with Number Range, GL0K901716 - NW7+ without Number Range, GLXX900035 - S4Hana with Number Range and GLXX900034 - S4Hana without Number Range, have been delivered in the installation package.

Miscellaneous Errors Corrected

Control Panel

Made the following changes to the Control Panel:

- Modified to retain the last position and size of the panel.
- GL Balances - modified to send a warning message when a user tries to export data from a drill down panel in the Spreadsheet Server Control Panel and Excel is not running.
- Query - corrected to properly display Total Field and Total Type values when a query is selected.

Settings

Made the following changes to the Spreadsheet Server Settings function:

- General - made minor change to field header (SQL Timeout (in seconds)).
- General - removed Global Cache as a valid Cache Type option.
- Ledger Specifics - Designer GL - removed error message previously displayed when selecting to load or browse for Designer GL definition and then clicking Cancel.
- File Locations - corrected to properly retrieve the EDQ Files (*.edq) path from the Configurator and to highlight the value on the panel when appropriate.
- Ad Hoc Queries - prevented the system from removing the ledger assigned to an ad hoc query when the ad hoc query is renamed.
- Writeback / Writeback Templates - modified layout of buttons on the panels.
- Writeback Templates - disabled the Browse button when the user is not authorized to maintain Writeback templates.
- About - corrected to display proper version number on the Spreadsheet Server Settings About panel when no changes have been made to the component.
- Various - modified the height of the information bar to be consistent on all panels.

Build a Template

Made the following changes to the Build a Template function:

- Corrected tab function to properly select Period parameter on the GXL panel to allow for overtyping.
- Corrected the tabbing order on the GXL panel.
- Modified the GEXQ, GEXD, GEXS and GEXI tabs to show all query parameters but to only default to select the Display/Use checkbox for the first 25 parameters. Added validation to ensure a maximum of 25 parameters are selected for processing.
- Modified the GEXQ, GEXD, GEXS and GEXI tabs to only preselect the Display/Use field for required method parameters when the selected query uses a Data Services connection type.

Formula Assistant

Made the following changes to the Formula Assistant function:

- Modified the GEXQ, GEXD, GEXS and GEXI tabs to show all query parameters but to only populate values based upon the parameters previously selected for the formula. Added validation to ensure a maximum of 25 parameters are selected for processing.
- Corrected loading of GEXQ formula parameters.
- Corrected the Expand button to properly close the Expand panel and to return the selected cell reference to the current parameter on the Formula Assistant panel.

Cache

Made the following changes to Cache processing in Spreadsheet Server:

- Modified cache processing to resolve issues when a segment value is a space or contains trailing spaces.
- Removed all code related to processing Global Cache as it is no longer supported.

Drill Downs

Made the following changes to the Drill Down function:

- Modified processing, when the original cell on the worksheet contains multiple GXLs and the user drills down to account balances and groups by segment, to retrieve account data for the first GXL formula.
- Corrected to properly display Chinese and Unicode characters when drilling down on a GXL or query formula using an Oracle database.
- Corrected issue causing sub query drill down to run against all records in window instead of just selected record(s).
- Prevented Excel from locking up when clicking the SQL Information button on a Drill Down panel on a French operating system.
- Modified the Copy to Clipboard feature to always mirror the current Drill Down panel layout.

Restore Rows

Corrected to restore hidden rows that are the last rows on a worksheet.

Expand GL Row

Made the following changes to the Expand GL Row function:

- Corrected to properly expand GL rows for a GXL formula containing a modified parameter (i.e. Year parameter = 'cell+1').
- Corrected to properly expand GL rows for a GXL formula with account segment(s) referencing an @ field.
- Modified processing for the Expand GL Row by Segment option to retrieve account data for the first GXL formula when a cell contains multiple GXL formulas.

Segment Lists

Modified to retain the And/Or and Group values from the previously added segment list value when adding segment list values.

Log Viewer

Made the following changes to the Log Viewer function:

- Modified the text of the log entry generated when the system is unable to insert a formula to a worksheet due to a regional setting error.
- Modified to disable the Clear Log button when the log is being loaded or cleared.

Ribbon

Made the following changes to the Spreadsheet Server ribbon:

- Corrected ribbon to load properly when a query name contains an ampersand (&).
- Corrected to properly display queries, not located in the base query folder, on the Build a Template > Queries submenu.
- Corrected to properly display queries on the Build a Template > Query submenu after accessing Spreadsheet Server Settings or processing the Refresh function.
- Modified option labels and tool tips on ribbon and right-click menu to reflect language selected in Spreadsheet Server Settings.
- Modified translations for various buttons and tooltips on the ribbon and options on the right-click menu.
- Modified to disabled ribbon actions when no active workbook is loaded.

Miscellaneous

Made the following miscellaneous changes:

- Removed user feedback from the Register Addin function to allow the function to be run silently.
- Corrected error opening an Excel object embedded in a Word document.

NOTE: To address the issue, the Spreadsheet Server Setting option, Start automatically when Excel starts, must be turned off.

- Corrected error opening a non-Spreadsheet Server workbook when Spreadsheet Server is set to not start automatically.
- Modified code to enable large workbooks to open faster when no Spreadsheet Server formulas are present.
- Corrected all products to build SQL Server connection strings with the proper parameters for encrypt connection and trust server certificate processing.

GXL

Corrected calculation of GXL formulas when opening workbook in protected view.

GXE

Made the following changes to GXE formulas:

- Modified GXE formulas to generate properly when the source and/or target sheets are protected or hidden. When the source and/or target sheet is password protected, the GXE will not generate; however, a message will appear in the log indicating such.
- Modified to resolve %WINDOWSUSER% in the SQL statement when running an ad hoc query from a GXE formula for an SQL based Designer GL.

GEXQ

Made the following changes to GEXQ query formulas:

- Resolved error causing query to fail when it included Group By and Sort functions.
- Prevented error processing GEXQ with alternate sum fields for a query using a DSN connection type with SQL server syntax.
- Prevented Excel from ending abnormally when processing a query (i.e. GEXQ, GEXD, GEXS, GEXI) using an SAP Legacy GUI host configuration and selecting Cancel on the SAP Logon panel.

GEXD

Made the following changes to the GEXD query formulas:

- Corrected to retain conditional formatting when a GEXD formula is generated.
- Corrected Auto Fit Column Sizes option to function properly when generating GEXD results to a table.
- Corrected to properly load data when regening a GEXD formula and filtering is enabled for the target area.

- Corrected to retain fill down criteria when generating a GEXD formula to a range and no records are returned.
- Modified GEXD formulas to generate properly when the source and/or target sheets are protected or hidden. When the source and/or target sheet is password protected, the GEXD will not generate; however, a message will appear in the log indicating such.
- Removed the 1000 GEXD processing limit and added a message in the log when more than 1000 GEXDs are executed.

Distribution Manager

Made the following changes to Distribution Manager processing:

- Corrected column label, Generate All GEXDs, on newly created control sheet.
- Corrected font size for column label, Remove Non-Distrib Sheets, on newly created control.
- Modified processing to ignore the Convert Formulas to Values option when distributing to a CSV, HTML or PDF file type.
- Modified the Convert Formulas to Values option to work on filtered formulas.
- Modified to properly unlock protected sheets during the distribution process.
- Corrected Clone Sheet as Values feature to clone formatting of the original sheet to the newly created sheet.

Spreadsheet Writeback

Made the following changes to Spreadsheet Writeback processing:

- Corrected the Configurator option, Validate Spreadsheet Server User, to function properly for Oracle API writebacks.
- Corrected error loading list of orchestrations from new version of JDE for JDE writeback processing.

Profile Scheduler

Made the following changes to Profile Scheduler:

- Corrected display of the version number on the Profile Scheduler Splash and About panels.
- Prevented the display of two Login prompts when using an SAP connection type for a Custom Table Load job.

Query Designer

Made the following changes to Query Designer:

- Corrected headers for various options on the Quick Access Toolbar in Query Designer.

- Corrected Query Designer to properly use Shared Documents file location setting as defined in the Spreadsheet Server Settings.
- Corrected to display all available connections when creating a new query after first attempting to open a Stored Procedure query when not authorized to use Stored Procedures.
- Corrected processing to prompt user to select another connection when user tries to open a query with an invalid Data Services connection type.
- Modified to only list connections used by existing queries in the Original Connection pane in the Update Query Connections function.
- Modified to properly display original and available connections on the Update Query Connections panel after a query has been deleted.
- Made minor modifications to SmartPak panel layout.
- Removed the size handle on the Add a Parameter panel.
- Modified button labels, from OK and Cancel to Yes and No, on the Delete Parameter panel.
- Modified to switch focus to the appropriate tab, either the Query Parameters or the Method Parameters, when adding a smart parm or method parameter to a query using a Data Services connection type.
- Converted the Required field in the Method Parameters grid to a checkbox.
- Modified to gray out and disable the Required field in the Method Parameters grid when the parameter is required by the web service or set to required by the administrator in the Configurator.
- Corrected to properly handle fixed and hidden parameters in the Method Parameters quadrant when the query uses a Data Services connection type.
- Corrected to properly retain changes made to Method Parameters and to not overwrite changes with data from the Configurator when the query uses a Data Services connection type.
- Reversed the order of the Save and Cancel buttons on the Summary Type panel.
- Reversed the order of the OK and Cancel buttons on the Builder panel.
- Corrected to properly log execution time when executing a query in Query Designer or Excel.
- Modified code to prevent Query Designer from crashing when executing an Access connection type query containing an invalid smart parm value.
- Modified to properly sync user-selected tables/methods/parameters in data execution plan for query using Data Services connection type.
- Corrected query execution to obey record limits (i.e. all records, 1000, single record, prompt) when using a DSN connection type.
- Corrected error executing a query when selecting a specific number of records (i.e. 1000, single record, prompt) and using a DSN connection with DB2 syntax for an iSeries database.
- Corrected to properly apply JDE security to queries using a JDE connection type.
- Modified logic to skip the JDE security routine when processing a stored procedure query (.edq) in Query Designer or Excel (i.e. GEXD formula).
- Modified to enable a query using a JDE host configuration to use an alternate connection for the data dictionary.

- Prevented Query Designer from ending abnormally when processing a query using an SAP connection type and selecting Cancel on the SAP Logon panel.
- Modified processing to use dynamic delimiter when the query uses an SAP Legacy GUI host configuration type.

BPCS

Made the following changes for BPCS ledgers:

- Corrected to clear legacy GXA formulas from cache when the option, Clear Cache and Recalculate Selected Cells, is selected from the right-click context menu.
- Corrected various issues for BPCS 6.02 and BPCS 6.04+ ledgers when drilling down directly to journals from the Spreadsheet Server ribbon and then selecting the Analysis button, or then drilling down to journal entry lines or to detail journal entry lines.
- Removed the non-functioning Analysis Fields button from the Detail Journal Entry Lines drill down panel for BPCS 6.04+ ledgers.
- Corrected ad hoc drill down to properly substitute the year parameter for Designer GL ledger when in dual ledger mode (General Ledger Type is BPCS 4.05).

Designer GL

Made the following changes for Designer GL ledgers:

- Prevented multi-column drill down on a GXL formula from returning data when it should not, when using a Data Services connection type for a Designer GL ledger.
- Prevented miscellaneous errors when the system looks for hierarchies (HSegments files).

Infinium

Corrected the Upgrade Workbook feature to properly convert GXA formulas that contain a hard-coded segment list.

JD Edwards

Made the following changes for JD Edwards ledgers:

- Reordered the tab stop for the SS Demo check box on the Login panel.
- Modified security processing to properly handle From/To value of asterisk (*).
- Modified to silently reconnect to the host database when an idle connection has been disconnected.
- Corrected GXSales formula to process parameters with a blank value as a mask/wildcard (*).
- Modified the Upgrade Workbook function to properly convert GXA formulas containing the literal, CONCATENATE.

Movex

Corrected auto-sign on to function properly when the iSeries connection type is set to use OLEDB as the data provider.

Oracle

Made the following changes for Oracle ledgers:

- Corrected post connection calls assigned at the user level to function properly when signing onto Spreadsheet Server.
- Modified the system when connecting to an Oracle R11 ledger to recognize Ledger/Set of Books names that contain quotes.
- Corrected drill down to journals to properly retrieve schemas from the Configurator for Oracle 12.2.x host configurations.

NOTE: As a result of this change, Global highly recommends that the administrator review the schemas assigned in the Configurator to GL Files for Oracle 12.2.x host configurations.

SAP

Made the following changes for SAP ledgers:

- Corrected to properly populate the Authorized Companies and Currency Precisions fields on the Spreadsheet Server Settings - Ledger Specifics - SAP panel for SAP GUI host configurations.
- Corrected mapping to VSegment.xml ad hoc queries for account segments number 13 and above on the Build a Template - GXL panel.
- Corrected GXL calculation and drill down functionality for CO ledger when the Activity segment is blank.
- Modified the Select Ledger drop down list, accessible from the Formula Assistant - GXL panel, to include SAP Special Ledgers.
- Increased the size of parameter fields on the Formula Assistant - GXL panel in order to display the full name of SAP Special Ledgers.
- Corrected parsing logic in Formula Assistant for GEXD, GEXS and GEXI formulas to properly handle parameters for SAP T-Codes and SAP Queries (SQ00).
- Modified to call proper RFC when drilling down to ad hoc query for an SAP Designer GL.
- Corrected to retrieve proper T-Code and/or Variant when changing sort order and then double-clicking item on the SAP T-Codes Excel pane.
- Corrected miscellaneous formatting issues on the SAP T-Codes Excel panes.
- Modified RFCs to prevent runtime errors in Query Designer, GEXD formulas and SAP Designer GLs when more than 36 calls are made to SAP.

- Removed delivery of obsolete SAP Special Ledger COSA.sap and related SAP_COSA_VSegment1-9.xmls files for a new install.
- Corrected to prevent Excel from crashing when clicking Cancel upon being prompted to logon to an SAP Legacy GUI connection to run SAP queries.
- Prevented Excel from hanging when calculating Spreadsheet Server formulas using an SAP Legacy GUI host configuration.
- Corrected error with SAP connection when using SAP router string.

Documentation

The application user manual has been updated to reflect all changes.

Enhancements/Changes in Version 14.9.1

Miscellaneous Errors Corrected

Expand GL Row

Corrected to properly expand rows when have a single GXL formula on the row.

Miscellaneous

Prevented hidden sheets from being unhidden when workbook is calculated.

Distribution Manager

Added additional logging to track processing when distribute workbook as file save.

Lawson

Corrected drill down and GXE to function properly when GXL formulas references period 13.

Documentation

No changes were required to the application user manual.

Enhancements/Changes in Version 14.9.2

Spreadsheet Server

Settings

The option, Drill Down Timeout (in seconds), has been added on the Spreadsheet Server Settings - General panel, allowing the user to define the amount of time a drill down may run prior to the system aborting the drill down. The option defaults to 60 seconds.

Miscellaneous Errors Corrected

Drill Down

Made the following miscellaneous corrections for Drill Down processing:

- Corrected, when drilling down from one ad hoc query to another ad hoc query, to only list a conditional ad hoc query when all criteria is met.
- Corrected drill down to an image for a query formula (GEXQ, GEXD, GEXI) to function properly.

Hide Zero Rows

Prevented the Hide Zero Rows function from freezing up the workbook and improved processing performance time.

Miscellaneous

Made various changes in Spreadsheet Server to clean up and/or improve the integration and processing of GXLs and queries (.edqs) in the DecisionPoint product.

Oracle

Corrected to retrieve the proper schema from the Configurator when drilling down to journals.

SAP

Corrected GXE to generate properly when associated GXL references an SAP Special Ledger.

Documentation

The application user manual has been updated to reflect all changes.

Enhancements/Changes in Version 14.9.3

Miscellaneous Errors Corrected

Designer GL

Corrected segment lookup on the Build a Template panel to properly display values for segments 14 and above for Designer GLs.

SAP

Removed incorrect value (~) in SQL statement when drill down on a GXL formula for a non-SAP Designer GL when in dual ledger mode (General Ledger Type is SAP).

Documentation

No changes were required to the application user manual.