DBTools Release Notes

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Bug Fix

3.2.4.0 - AutoNumber

When creating a new format, if you entered information, then selected a different format without saving, your entered information was sometimes lost.

3.2.4.0 - AutoNumber

New formats were sometimes assigned a negative ID value - causing the "preview" in the format list not to update correctly and the "Rename"/"Delete" menu commands not to be available in the Options.

3.2.4.0 - AutoNumber

If the MechWorks PDM option to [Always 'Save As' all the linked drawings] was not enabled, DBTools was trying to create the drawing anyway, creating an error stating "Object required: Part".

3.2.3.0 - DBTools

The COMHandler object was sometimes losing its connection to the MWScriptGui object (the MechWorks PDM API Com Object). When the COMHandler was in this disconnected/corrupted state, DBTools would behave strangely (the Save As would allow you to select a format and then quit, DBWorks Admins would be denied access to the format options, etc). DBTools now senses when the COMHandler is in this corrupted state and if so, restarts the COMHandler.

3.2.3.0 - AutoNumber

The Drawing options were not saving correctly.

3.2.2.0 - DBTools

The Add-In menu was sometimes calling the wrong dialogs.

3.2.1.0 - AutoNumber

The example file in the format list dialog was showing the last file saved rather than the next file about to be created.

3.2.1.0 - AutoNumber

If the format index was larger than 32,000 it was causing an "overflow" error.

3.2.0.0 - DBTools

Fixed problems registering when installing

3.1.0.0 - DBTools

Due to a bug with Advanced Installer, DBTools was unable to install correctly on Windows 10 machines.

3.0.1.1 - AutoNumber

Adding a generic document after opening the Options was not incrementing the format's counter.

2.0.5.4 - AutoNumber

The DataEntr was sometimes causing a .vbscript error: Type mismatch: 'CheckForFiltering'.,

2.0.5.3 - AutoNumber

The AutoNumber module was sometimes having difficulty connecting to the DBWCust database.

2.0.5.2 - AutoNumber

A behavior change to the MechWorks "privateDBWI" call was causing the DataEntr and DataEntr_Generic scripts to exit early with a 'File does not exist' error. The scripts were modified to account for the change in the privateDBWI call.

2.0.5.1 - Engineering Change

When cancelling creating a new ECR from the select AutoNumber dialog, DBTools was assigning a random number to all formats and not cancelling.

2.0.4.6 - DBWTools

Removed an outdated reference to an old folder in the message that shows when DBTools fails to load.

2.0.4.5 - DBWBOM

The Background Processing module was unable to find the DBWorks.dll (the DBWorks application for loading into SolidWorks) if SolidWorks 2015 was used.

2.0.4.4 - DBWBOM

The new Hide Configuration in ID option was causing a BOM to load incorrectly (and be hidden) if the configuration and ID were the same length but not equal.

2.0.4.3 - DBTools

The DataEntr.lst was unable to read the dbwconn.par file if a line was empty or contained only spaces.

2.0.4.2 - DBTools

An exception was thrown if the dbwconn.par file had blank extra lines at the end.

2.0.4.1 - DBWBom

Show Id for NO_BOM Items and Use Top Level NO_BOM: These options were not working.

2.0.4.1 - DBWBom

Hide Child Item Number: This option was not working in the table (only the balloon).

2.0.4.1 - DBWBom

Indented Item Separator: This item was only working when the "Leading Zero Display" option was enabled.

2.0.4.0 - Options Access

The options forms for any of the modules can only be accessed by an Administrator In environments using DBWARM, an Administrator is a user in the DBWorks Admin group. In environments not using DBWARM, such as Express environments, an Administrator is a user with the MechworksPdmAdminMode variable set to 1.

2.0.4.0 - Installation

By default, the installer now only installs the AutoNumber module.

2.0.4.0 - AutoNumber - Link Format Numbers

The Binder option to Link Format Numbers was not working.

2.0.4.0 - AutoNumber - SolidEdge Drawings

The drawing option to "Prompt User For Format" (or not) is now compatible with SolidEdge drawings (*.DFT).

2.0.4.0 - AutoNumber - One Database Connection

In order to see the Category Tree in the Category Tab, the environment would need a separate "DBWCust" connection, making it incompatible with single database environments.

2.0.4.0 - AutoNumber - Reload Categories

If a user opened the AutoNumber options, then closed the AutoNumber options, then opened them again, the Categories would not load, forcing the user to restart Mechworks Pdm/DBTools in order to reload the Categories.

2.0.4.0 - AutoNumber - LinkToCategories and FileDsn

Using a FileDsn connection would cause the "LinkToCategories" portion of AutoNumber to fail, causing an error because the DataEntr.lst was unable to load the linked categories with a File DSN.

2.0.1.32 - AutoNumber - "As Welded" Weldment.

When the "As Welded" configuration was saved it received an invalid ID. This update will handle the configuration record as follows:

1. Duplicate ID allowed - The record is given the same ID as the As Machined configuration record.

2. Duplicate ID NOT allowed - The record is give the same ID with (As Welded) appended to the ID.

This update also corrects an As Welded drawing drawing save as error.

2.0.1.12 - AutoNumber - Multiple drawings of the same model/ID have wrong ID.have wrong ID.

When a second (or more) drawing was created for a model, instead of adding a suffix number the same number of the model was used. This caused DBWorks to over-write the original drawing file.

2.0.1.12 - AutoNumber - Multiple drawings of the same model/ID have wrong ID.

When a second (or more) drawing was created for a model, instead of adding a suffix number the same number of the model was used. This caused DBWorks to over-write the original drawing file.

2.0.1.5 - AutoNumber - New numbers always returned the format without a number when a Binder didn't exist.

When usng the AutoNumber only the format was returned without any number. This happened when the AutoNumber didn't have a Binder. This was caused by a previous update which allowed for linked formats within a Binder.

2.0.0.37 - AutoNumber - Saving multiple drawings of a model over-writes the original drawing.

When saving/adding a generic document and using the Category Wizard the operation would fail with an error message. The OnAddDocument.lst and DataEntr_Generic.lst have been update to support the new single ODBC.

2.0.0.35 - AutoNumber - Saving multiple drawings of a model over-writes the original drawing.

When saving multiple drawings, the original drawing number is used for each new drawing, over-writing the original. This update properly adds a suffix to each additional drawing.

NOTE: this update also corrects an issue with the suffix increasing by two numbers (-01, -03, -05, ect...) when the drawing suffix option was set to "Second drawing".

2.0.0.35 - DBTools - Scripts and options updated by DBTools were not back updated before updating the DBWorks_Server directory.

The installation failed to back any files over-written by the DBTools. The installation will now back up files to the DBWorks_Server\DBTools_Backup directory with the version number appended to the file name. NOTE: if the file/version has been backed up, the process will not over-write the file and leave it as the original backup file for each version installed.

2.0.0.35 - DBTools - Background applications failed to terminate before the DBTools installation.

The background applications (ComHandler, Background server, ect...) were not closing during the installation, causing an error message and forced the user to manually stop the tasks. This update will close any background application installed by DBTools before updating the files. NOTE: the applications are restarted after the installation has completed.

2.0.0.23 - AutoNumber - Deleting a format from the interface failed to remove it from the options.

Deleting a format from the autonumber would fail to remove it from the interface. NOTE: it would however remove the format from the database. This update properly removes the format when deleted.

2.0.0.23 - BOMTable - The balloon fit didn't match the BOM options.

During an update of the drawing the balloon fit would change to the wrong fit. This update corrects the issue and displayes the balloons, using the BOM table settings.

2.0.0.17 - AutoNumber - The category wizard failed to display.

During a save as operation, when using the category options, the form would fail to display. This update uses a new API that defines the ODBC. NOTE: the ODBC is not required previous to R12 as the default DBWCust ODBC will exist. In R12 the DBWCust is not required and may use DBWorks as the ODBC.

2.0.0.5 - Background Processing - A failed task would immediatly run instead of delaying for one hour.

When a task fails, the background processing is designed to reset the task to run one hour later, allowing other tasks to run. The delay was failing which caused a task to loop and did not allow other tasks to run.

2.0.0.4 - BOMTable - The balloons were changing to squares when the options were set to use the SolidWorks balloon styles.

When the balloon style was set to use SolidWorks they were changed to squares instead of the actual drawing balloon options. The fix properly uses the SolidWorks drawing default value.

2.0.0.2 - RevTable - The table would always display the revisions for a component when option was set to display the drawing revisions.

The revision template failed apply the "Use Model" option. When unchecked the table should display the drawing revisions. This fix properly reads this option and shows the drawing revisions.

1.8.7.76 - AutoNumber - The AutoNumber format dialog would freeze when using DBWorks R12.

When using DBWorks R12 the format selection dialog would sometimes freeze during a save as operation. Typically the save would work for the first 3-4 save as operations, then lock DBWorks/SolidWorks. This update prevents the lock up and allows the save as to continue. NOTE: the lock up would occur when the dialog was short or when the user selected the option to "Always use selected format" which hides the dialog from the user. The only solution for this issue is to upgrade to the latest version of the DBTools.

1.8.7.59 - AutoNumber - Adding a generic with a single-quote in the path or file name caused and error when the OnAddDocument.lst is used.

When a generic was added and the OnAddDocument.lst is enabled, the process failed to add the document to DBWorks and returned an error. The fix properly handles the single-quote (which is a special SQL character) and adds the document to DBWorks.

1.8.7.46 - Engineering Change - EC approval failed too release documents from workflow.

When an EC (ECO, ECN, ect...) is approved out of workflow, the EC was left in a state that still contained a reference to workflow. This issue locked the EC and would not allow any additional action. This update properly removes the EC from workflow.

1.8.7.45 - Engineering Change - GZ files failed during check-in/out operations.

Some check-in and check-out operations will create a new revision and related GZ file. Due to the DBWScriptCom.exe closing after a script completes, the multi-tasking zip operation was still running. Closing the DBWScriptCom.exe stopped this process. This bug fix also includes and enhance. The first item addressed was removing the multi-tasking operation and making the standard API calls run on the current thread and preventing the script from finishing, until the GZ was created. The enhancement was to add a second API call to allow for the background operations.

NOTE: this issue does not occur when a script connects to an existing open instance of the DBTools. It only occurs when a new DBTools process is started by a script. When the DBWScriptCom.exe closes the instance of the DBTools is stopped, causing all multi-tasking operations to halt.

1.8.7.42 - Background Processing - References to SolidWorks and Stand-Alone were not released when the applications closed.

If SolidWorks or Stand-Alone closed (crash, exit or end process) the reference in the background processing was not released. When future tasks were processed, the task tried to make calls to either application and failed. This update will properly release and recreate the connects (starting an application if needed), then continue with operation.

1.8.7.42 - Background Processing - Stand-Alone was causing a conflict with Integrated.

When a system has both SolidWorks/Integrated and Stand-Alone installed, the process was would sometimes fail. The problem was caused by which application handled the task, and in some cases the SolidWorks file operations were sent to Stand-Alone which does not open and refresh the SolidWorks file. Another example is an AutoCAD drawing update which would fail is Stand-Alone was not open.

To correct the issue, the background processing has been changed to provide a very specific order of events during the start up of a process:

1. Start SolidWorks

2. Start Stand-Alone

3. Start AutoCAD

4. Perform any task operations

When the background processing closes any open applications, for example after a give number of tasks, the order of events is process again using the same rules.

1.8.7.42 - Background Processing - The routing of commands to DBWorks was not consistent.

When a background task starts, a call to run the task script is passed to DBWorks. In previous versions the task was passed to the current running version of DBWorks. If both Integrated and Stand-Alone are running, the task was passed off to the first version that was started. This bug fix now routes all commands to Integrated (if available on the system). In the event that Stand-Alone is required (for AutoCAD operations) the task will still be processed by Integrated, however any Stand-Alone specific operations will be handled by it as needed.

1.8.7.42 - Engineering Change - Notifications were failing when the document unique id was not supplied.

The notification process depends on the unique id of a document to handle the mapping of data. When the notification form sent out an email, if the unique id was not supplied the task would fail, causing an error message. The application was updated to check for this and if the unique id wasn't supplied it would skip the mapping of data to the email.

NOTE: the custom scripting should still provide the unique id. Otherwise final workflow operations that exit workflow (reject or approval exit) will fail as the user that submitted the document must be notified before the document can leave workflow.

1.8.7.42 - Engineering Change - Exit workflow operations failed to notify the user that submitted the document.

When a document exits workflow (reject or approval exit) the notification requires a notification to the user that submitted the document. The standard scripts failed to supply the notification process with the unique id of the document that is exiting. Failing to supply this value resulted in an empty list of users to notify, and ultimately the users only option was to cancel the operations.

1.8.7.42 - Background Processing - The approval script failed to properly check for PDF creation.

When Master Drawing Mode is enabled, the background approval script will check for the successful creation of a PDF. The script was setting an initial value, then moving on to other tasks which would over-write this value, causing all operations to report success. This update now set's the default value, runs the approval operation, and checks/sets the value again at the end.

1.8.7.42 - Background Processing - The "task restart on failure" feature was not always applied during a failure.

Some operations that failed, were not reset to run later (currently 1 hour after the failure to let other tasks proceed) during a failure. This operation now sets the restart value before processing the task, and only after completion will the task get set to complete.

1.8.7.29 - Workflow - The notification form now requires a note entry to continue.

The user is required to enter a note (for the email and workflow note fields) before they can continue with the operation.

1.8.7.29 - Workflow - The notification form now requires one or more users selection for a notification.

In previous versions the user could uncheck all users and click OK, allowing the operation to continue, however failing to notify anyone. This update required one or more selections. NOTE: then rejecting out of workflow or during the final approval, this update will also force a notification to the user that submitted the document to workflow.

1.8.7.29 - Workflow - The user that submitted a document to workflow was not included in the rejection or final approval notifications.

When a document left workflow, as a final approval or a rejection out of workflow, the user that submitted a document was not included in the notification list.

1.8.7.29 - Workflow - The BEGIN and END state were not considered in a workflow notification.

The workflow process only referenced the states in the workflow and not the BEGIN (when a document entered workflow) or END (when a document is approved out of workflow). This update added BEGIN and END as states which the scripting can reference and also provide a notification for.

1.8.7.29 - Workflow - The notification form failed to stop the workflow action when cancel is selected.

The workflow scripts that used the dialog we properly exiting, however the scripts were post state change operations and failed to cancel the change. This update will properly cancel the workflow operation, leaving it in the current state.

1.8.7.23 - Workflow - The MoveTo command failed to create previous history files.

When the Engineering_Change.DBWorksDocument.MoveTo command was called and the parameter to create a new record was set to True, the operation would create a new revision, however fail to create the GZ and TREE files. This update property creates the files, then creates the new revision record and updates the document record.

1.8.7.18 - Background Processing - Error handling multiple tasks without delay.

When multiple tasks are scheduled, the background processing features should continue to run without delay

until all tasks are finished, then switch back to a delayed check mode to avoid using processer space. In some cases a task would finish, then delay and start the next. This caused slow performance on multiple tasks. NOTE: the delay was only noticeable when running tasks that typically take less than 10 seconds.

1.8.7.13 - Background Processing - Attaching a PDF to a drawing failed to approve the PDF for the first revision.

The PDF attached to a drawing was not approved during the first revisions and resulted in a PDF still in the checked-in state. This update will properly attached a PDF record before the approval process of the drawing begins, resulting in link-mode approving the PDF record.

1.8.7.13 - Background Processing - The PDF was removed from the drawing during the first check-in of the drawing after attaching the PDF.

During the first check-in of the drawing, the PDF was removed from the drawing (as a child), breaking the link-mode features. This was a result of the PDF attaching to the drawing with a child index of 1 or higher. The fix will set the index to the proper generic index to avoid the issue.

1.8.7.13 - Background Processing - Documents were left in workflow after the background approval process.

Documents related to a PDF were left in workflow after an approval. This was a result of the PDF failing to properly exit workflow, leaving the other documents in the same state. The update correctly

1.8.7.12 - Background Processing - Attaching a PDF to a drawing without a parent project results in an error message.

Attaching the PDF to a drawing without a parent would cause an error message. The MDMPDF.lib was attempting to access a project record that did not exit. This update will first check for the parent project and there isn't one, the process will skip the project attachment process and only attach the PDF to the drawing. If the drawing does have a parent project, the PDF is attached to both the drawing and the parent.

1.8.7.8 - Background Processing - New PDF's were not properly aligned with the Released Database.

When the background process would create a PDF, it was not updating the released database with the record or file. This was a result of the operation changing the PDF record to "Released" without actually using the DBWorks API to approve the PDF. This has since been changed to bypass any items such as workflow, approve the PDF. During the approval operation the standard DBWorks Released Database rules would apply.

1.8.7.7 - Background Processing - Starting a background task was starting DBWorks Stand-Alone even when DBWorks Integrated was installed.

When a background task is started, the first operation should check for and start DBWorks Integrated (if installed on the client). In some cases DBWorks Stand-Alone was starting first, then starting Integrated. The update will ensure that if installed DBWorks Integrated will start and manage all tasks.

1.8.7.7 - Background Processing - Tasks that fail would consumer that operation time.

During a failure of a task (for example a software crash) the next iteration of the task manager would run the same task again. This would result in a failing operation always running first and prevented other tasks from running without manual review of the issue. This fix will delay failed tasks for 1 hour and allow other tasks to process.

1.8.7.7 - Background Processing - Task performance was limited by the manager timer.

Previous versions would delay each task up to 10 seconds between tasks. For most operation this was acceptable, however having a delay this large for operations (such as registration or global database features) would add extra over head to the total operating time. This update will create a steady loop (one tasking immediately after the previous) until all active tasks have completed, then the background manager will go back to a timed delay to check for tasks.

1.8.7.5 - Background Processing - Non-standard tasks were failing.

The Background Processing supports several different task type (see below for a list). All operation type except for the standard single operation would fail to cycle. This update properly reschedules the task based on it's type:

- Once - this is the default and a task is ran once, then closed

- Daily - the task is processed once each day

- Weekly - the task is processed once each week

- Monthly - the task is processed once a month

- Continues - the task is placed in a loop

- Other - these task are process just liked the default, but allows for a custom cycle type

Enhancement

3.0.1.0 - Engineering Change: NextNumber has new optional parameter

The NextNumber API now has an optional parameter for defining the default file extension: NextNumber(ByRef templateFullFileName As String, Optional ByVal ext As String)

3.0.0.0 - Installer

The installer has been overhauled and updated to be compatible with UAC and silent installs.

2.0.5.0 - DBBackGroundProcess - Compatibility with multiple processing machines

The DBBackGroundProcess module is now compatible with having multiple processing machines. Each machine will attempt to assign the top unassigned task to itself. The machine will then attempt to process only the tasks assigned to itself. After it processes tasks assigned to it (or if there are no tasks assigned, such as

the case if another machine assigned itself the task instead), it will loop back and try to assign itself to the top unassigned task.

2.0.4.2 - AutoNumber - NEW script - OnCancel.lst

After using the OnAddDocument to move a generic file and add it to the database, if Cancel is pressed in the Data Input Form, this script will move the file back to its original location.

2.0.4.0 - BOMTable - A new option - Hide Configuration In Id - has been added.

In environments that include the configuration in the ID of the models, if this "Hide Configuration In Id" option is checked, the configuration portion of the ID will not be visible in the BOM table.

2.0.1.31 - AutoNumber - A configuration option "Don't categorize aligned configurations" was added to handle linked configuration.

When this option is enabled and the configuration options are setup to link the category field, each new configuration (after the first registration) does not show the category wizard.

2.0.1.14 - DBTools - The installation was updated to support Windows User Account Control.

The DBTools installation previously did not support the Windows User Account Control features. The update will manage this feature and if needed prompt the user for administrator privileges.

2.0.0.56 - AutoNumber - The Binders now support linked number formats.

A new option has been added to the AutoNumber Binders which, when checked, will link the AutoNumber value of all the children. Anytime a number is changed within a format under the given Binder, that number is updated and applied to all formats. This applies to both interface/option changes and the save process. NOTE: this link only applies to the AutoNumber field. All other fields will remain independant.

2.0.0.56 - AutoNumber - The installation details are now published to the DBInstallSummary table.

The Assembly Duplicate Wizard now supports an option to disable the Category Wizard. This update will read the ADW value and if disabled avoid the Category Wizard.

2.0.0.50 - DBTools - The installation details are now published to the DBInstallSummary table.

During any installation the details are published to the DBInstallSummary table. The install will record each installation and contain a complete history of each install The installation will also record the uninstall event to determine if the DBTools were removed from the work station.

2.0.0.38 - DBTools - The installation now support a client or admin/server install process.

Users are now presented with a selection at the beginning of the installation to define the installation type. The Admin/Server will work just like the previous installation, while the Client will only install the local (non-server side) features.

2.0.0.35 - Workflow - The workflow EC process now support Excel and Office 2007 format files.

Previous versions only support .doc files as a template. This update now support .docx, .xls and .xlsx files as templates. If multiple files exist the process will look for Word documents first and Excel next, using newer file formats first, then older to create this order.

1. .docx

2. .doc

3. .docm

4. .xlsx

5. .xls

6. .xlsm

Supported template names MUST match the related EC, for example, ECO.docx, ECN.xlsx, ECR.doc, ect...

1. ERN - Engineering Release Notice

2. ECR - Engineering Change Request

3. ECO - Engineering Change Order

4. ECN - Engineering Change Notice

5. EON - Engineering Obsolete Notice

NOTE: when a new EC is created, the process will look for a related template in the "DBWorks_Server\PAR\ECTemplates" and if one is found, copy it and attach it to the EC record in DBWorks. NOTE: the path of the new file is dependent on the AutoNumber options/format used to create the EC number.

2.0.0.23 - Workflow - The notification email has been moved to multi-task for better performance

The email operation used to run for all emails, then close the notification dialog. This update moves the email process to a multi-task operation and closes the notification form after starting the email process.

1.8.7.56 - Background Processing - The library was updated to support the output/attachment options.

The update adds a new set of features to the MDMPDF.lib and a new script, Background_Output.lst, which will export a document using the Output settings and attach it to the related document using the DBWorks Attachments.

1.8.7.29 - Workflow - The workflow notification dialog was updated to include an email template.

The new process will use the HTML template to notify users during any workflow action that opens the notification dialog. An example template is included with the DBTools installation in the directory \Samples\NotificationReport.htm.

To use the template, copy it to a shared location (for example: X:\DBWorks_Server\schema\NotificationReport.htm), then update the DBTools.Settings.xml file to include a WorkflowEmailTemplate node under the Notification\Email section.

The HTML template also support mapping of fields from DBWorks into the final email. To map a field, place the field name in the following format: [Document.ID]

The following mappings are supported:

Document:

[Document.<FieldName>]

were <FieldName> is the name of any field in the Document table.

Revisions:

[Revision.<FieldName>]

were <FieldName> is the name of any field in the Revisions table. NOTE: the revision field maps apply to the current revision record only.

Workflow:

[Workflow.EcoId] - The ECO ID of the current item. current item.

[Workflow.FromState] - The workflow state the document is moving from.

[Workflow.ToState] - The workflow state the document is moving to.

[Workflow.Process] - The workflow process name.

Notification:

[Notification.Note] - The note entered by the user.

[Notification.User] - The user that is sending the notification.

Preview Image:

<img src=cid:preview>

The preview image format will generate an image of the current document, then embed the image in the email. The format must contain a source reference to cid:preview as shown in this sample HTML. cid:preview is a link to the image embedded in the email. NOTE: changing the preview image syntax will results in failure to display the image.

1.8.7.23 - AutoNumber - The number format dialog was updated to sort all formats.

The update will sort main formats and formats under a binder in the options and select a format dialog.

1.8.7.18 - Notifications - The notification process has been updated to handle attachments and user login

The database and notification dialog have been updated to handle linked files. The dialog was also updated to support a username, for users that do not typically work in DBWorks and may not be logged in.

1.8.7.10 - Background Processing - Added support for a Master Drawing Mode PDF operations for SolidWorks Drawings

A new library and related scripts have been added to the background process for creating a PDF's of SolidWorks drawings and attaching them to the related drawing. The update will install the following scripts:

- Server Scripts

    ◦ LST\MDMPDF.lib - Handles most operations to create and manage the PDF in DBWorks.

    ◦ LST\Background_MDMPDF.lst - The background process will run this script, which hand over operation to the MDMPDF.lib

    ◦ LST\AnyType\Background_MDMPDF.vbs - This script is presented to the end user under the right-click menu "Schedule -> Background MDMPDF"

This enhancement also replaces the "Create Drawing PDFs.vbs". The script was design to automatically create a PDF for many (or all depending on the filters) SolidWorks drawings. To use the new feature the following SQL statement will select a list of SolidWorks drawings and create a background task for each drawing.

NOTE: the statement below will only create a list of tasks. The operation assumes the DBTools Background Processing has been installed and is running.
NOTE: to create A PDF for just a few Drawings, right-click on the drawing and select "Schedule -> Background MDMPDF"
NOTE: this update will reduce the overall time to create the PDF's because multiple clients can process the task. No extra setup is required as load balancing is already built into the background processing.

```
--------------------------------------------------
--------------------------------------------------
--SELECTS ALL SOLIDWORKS DRAWINGS THAT ARE
--1. RELEASED
--2. HAVE A MAJOR REVISION (A, B, C, ECT...)
--THEN INSERTS A NEW TASK INTO THE BACKGROUND PROCESSING
--TABLE FOR EACH DRAWING TO CREATE A PDF FOR
--NOTE: THIS STATEMENT MIGHT INSERT A LARGE NUMBER OF TASK
--SO CARE SHOULD BE TAKEN TO TEST FIRST
--------------------------------------------------
--------------------------------------------------
INSERT INTO DBBackGroundProcess (DOCUMENT_UNIQUE_ID, Priority, RequestUser, RequestMachine,
ProcessingScript, RequestTime, StartTime, EndTime, Locked, Complete, Cycle)
SELECT [DOCUMENT].UNIQUE_ID, 10 AS Priority, 'Admin' AS RequestUser, 'Admin' AS RequestMachine,
'Background_MDMPDF.lst' AS ProcessingScript, GETDATE() AS RequestTime, GETDATE() AS StartTime,
GETDATE() AS EndTime, 0 AS Locked, 0 AS Complete, 0 AS Cycle FROM [DOCUMENT] WHERE
FILE_NAME LIKE '%.SLDDRW' AND STATE = 'RELEASED' AND REVISION LIKE '[A-Z]'
```


1.8.7.10 - Background Processing - Added support for a second DBWorks_Server directory for client processing

This enhancement allows for a second DBWorks_Server directory which is used by the BackGround Processing features during client or server operations. During the start up of a background operation the registry is changed, pointing the "GlobalParametersPath" to the new location. Then DBWorks (typically SolidWorks) is loaded using the second server directory. NOTE: After DBWorks has loaded the registry is immediately pointed back to the original location preventing any accidental reference to the second location during normal user operations. To set the secondary settings:

1. Find the current DBWorks_Server location (this is located in the registry under "HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\MechWorks\DBWorks\98 \GlobalParametersPath")

2. Make a copy of the current DBWorks_Server directory

3. Rename the copy to DBWorks_Server_Background (NOTE: the second directory MUST be in the same shared location and MUST end with "_Background")

4. Modify the DBWorks_Server_Background as needed to support silent background tasks.

Note: the only required item in the DBWorks_Server_Background is the DBWAPP.PAR. However it's likely that additional scripts and other items will require special consideration for silent operation.

Obsolete

1.8.7.29 - Workflow - The basic text notification was removed and replaced with an HTML template.

The previous version of the notification would send out a simple text email. The new version uses an HTML template to notify the user. See the Enhancements section for additional details on the feature.

1.8.7.14 - DBReport - The DBReports have been removed from the DBTools and replaced by SnapShot.

The DBReports have been moved out of the DBTools to a new application named SnapShot. Any report that existed in the DBReport will remain in the new application, see SnapShot for details.

1.8.7.10 - Master Drawing Mode PDF - The initial Master Drawing Mode PDF script (Create Drawing PDFs.vbs) has been removed and replaced by the Background Process MDMPDF.lib.

Past releases required this script to create and register new PDF's for alignment with Master Drawing Mode. Because the Background Process has been updated to support the same Master Drawing Mode PDF's operation, this script has been removed.

1.8.7.7 - Background Processing - The DBWorks DBWarm login is disabled during the start up of the first task.

In previous builds of the Background Processing the first task would disable the DBWarm login, then start DBWorks. Because many operations required additional consideration for silent operation, disabling this login alone would not solve many dialog and option issues. This feature has been removed and replaced by the 1.8.7.10 enhancement to support a second DBWorks_Server directory. Using this technique, disable the DBWarm login in the secondary options for future support.

Release Dates

3.2.4.0 (released) - 1/3/2017
3.2.2.0 (beta) - 6/22/2016
3.2.1.0 (released) - 4/22/2016
3.2.0.0 (beta) - 4/15/2016
3.1.0.0 (beta) - 3/15/2016
3.0.1.1 (beta) - 2/5/2016
3.0.0.0 (beta) - 9/16/2015
2.0.5.3 (released) - 7/31/2015
2.0.5.2 (released) - 7/27/2015
2.0.5.1 (beta) - 7/20/2015
2.0.5.0 (beta) - 6/29/2015
2.0.4.6 (beta) - 6/12/2015
2.0.4.5 (beta) - 5/27/2015
2.0.4.4 (beta) - 4/2/2015
2.0.4.3 (released) - 3/4/2015
2.0.4.2 (beta) - 1/12/2015
2.0.4.1 (beta) - 11/13/2014
2.0.4.0 (beta) - 10/16/2014
2.0.2.4 (released) - 6/19/2012
2.0.2.0 (released) - 12/9/2011
2.0.1.45 (beta) - 12/6/2011
2.0.1.34 (beta) - 12/2/2011
2.0.1.30 (beta) - 11/30/2011
2.0.1.19 (beta) - 11/15/2011
2.0.1.5 (beta) - 10/18/2011
2.0.0.58 (beta) - 10/6/2011
2.0.0.56 (beta) - 9/23/2011
2.0.0.38 (beta) - 9/15/2011
2.0.0.37 (beta) - 9/8/2011
2.0.0.35 (beta) - 8/24/2011

2.0.0.23 (beta) - 8/19/2011
2.0.0.17 (alpha) - 8/17/2011
2.0.0.5 (alpha) - 8/12/2011
2.0.0.4 (alpha) - 8/5/2011
2.0.0.2 (alpha) - 8/4/2011
2.0.0.0 (alpha) - 8/4/2011
1.8.7.76 - 8/2/2011
1.8.7.59 - 7/20/2011
1.8.7.56 - 7/1/2011
1.8.7.52 - 6/21/2011
1.8.7.46 - 5/18/2011
1.8.7.45 - 5/11/2011
1.8.7.42 - 5/5/2011
1.8.7.29 - 4/20/2011
1.8.7.23 - 4/12/2011
1.8.7.18 - 4/5/2011
1.8.7.14 - 3/18/2011
1.8.7.13 - 3/17/2011
1.8.7.12 - 3/11/2011
1.8.7.11 - 3/10/2011
1.8.7.10 - 3/10/2011
1.8.7.9 - 3/8/2011
1.8.7.8 - 3/7/2011
1.8.7.7 - 2/22/2011
1.8.7.5 - 2/21/2011
1.8.7.3 - 2/21/2011
1.8.7.0 - 2/14/2011