DTS xChange Version History

Version 4.2.5 [Apr 26, 2011]

Bug Fixes/Modifications

Fixed: Flat file columns are not generated properly for when you have activex script mappings in the datapump which is using FlatFile Source or Destination.

Fixed: Mappings are not properly done when you have one or more activex-script mappings along with Copy Column Mappings.

Fixed: DTSDESTINATION("Fullname")=DTSSOURCE("Fname") + DTSSOURCE("Lname") pattern is treated as Copy Column Transform and Script Transform Step is not added.

Fixed: Project file is corrupted if you have special character in the path.

Version 4.2.4 [Apr 5, 2011]

Bug Fixes/Modifications

Fixed: Package migration is failed if child package cannot be located or child package load fails due to some reason.

Fixed: broken video links on main screen.

Fixed: DTS xChange displays wrong warning about service pack not installed.

Modified: Open BIDS in foreground when View Packages button is clicked.

Version 4.2.3 [Nov 18, 2010]

New Features

New: Detect missing OLEDB provider and show warning in the log.

Bug Fixes/Modifications

Fixed: Provider attribute is missing after migration when connection is using "Microsoft OLEDB Provider for ORACLE" (Provider=MSDAORA).

Fixed: When Target is SQL Server and Folder path is empty you get error "The parameter is incorrect".

Fixed: Wiki link for DTS_E_XXXX message doesn't work.

Fixed: Script Transform is created eventhough ActiveX Script Transformations not doing any real transformation other than copy data from source to destination.

Fixed: Realtime auditing and variable tracking doesn't work for newly migrated package.

Modified: Script compilation speed improvements for SSIS 2008 Script Components (about 2-3 times faster).

Modified: Silent compilation of SSIS 2008 Script Components (No more Visual Studio Shell popup during Migration).

Version 4.2.2 [Sep 24, 2010]

New Features

New: Profile child packages option on DTS Profiler allows to scan all child packages for selected DTS packages to get accurate count how many packages are involved in migration.

New: View "Execution Tree" option added on the DTS Profiler to see which packages is calling child packages (See report viewer toolbar).

New: Realtime DataFlow Monitoring.

> This feature allows you to monitor dataflow progress visually in realtime. When you install new version of BI xPress you will see DataFlow tab along with controlflow and Reports.
>
> DataFlow Tab consists 3 sections.
>
> 1. DataFlow diagram (Component status, Runtime and Row count transferred from each path)
> 2. List of dataflow for selected package
> 3. Preview of selected package controlflow

New: Realtime multiple package monitoring in Matrix-Mode.

> This feature allows you to monitor multiple packages in the same console. You can monitor upto 16 packages in matrix mode.
>
> To view packages you have to check packages in the execution list. You can switch to full screen mode by clicking on full screen icon found on the top-right corner on each package block in matrix mode.

New: Realtime Variable Monitoring.

> This feature allows you to view variable value history in realtime. In order to view variable value changes you must enable option on the auditing wizard.

New: ForEach Loop iteration indication.

> This feature allows you to view the current iteration above Task icon in control flow diagram. This feature requires Variable Tracking option turned on.

New: Filtering enhancements for reports and package execution list of controlflow diagram.

> Filtering enhancements includes the following changes
>
> 1. Now you can run all reports for selected packages defined by package name filter. Previous version only allowed single package filter but now you can list multiple packages separated by comma.
> 2. To pick with package you want to display in the report you can lunch filter dialogbox.
> 3. Filter link allows you to display selected packages in the execution list.

New: Options to delete execution records from report and execution list.

> You can delete unwanted execution two different ways
>
> 1. Check executions you want to delete in the execution list (on controlflow diagrams tab) and then click "Delete selected executions" link
>
> 2. Recent executions report or Running executions report both provides "Delete" link (at the end) which allows you to delete execution record.

New: Quickly launch most common report for selected package.

> With this version now you can open most common reports using right click popup menu in execution list. Most of reports can be executed for 10 days/30 days and 90 days interval without changing parameters manually. For any trend report you will see two more options (a) 12 months (b) 52 weeks options.

New: Package performance history report.

> This reports shows all packages for selected timeframe with performance graph preview. You can click on the plus sign to see full performance graph with runtime and execution period. When execution failed for certain period you will see red bar in the performance trend line.

New: "Recent execution Summary" report is added to SSIS Monitoring Console. This report shows same information as "Recent Execution Detail" except task detail. This report is much faster compared to "Recent Execution Detail" report becuase it doesn't display task detail of each execution.

New: Option added to view all errors and variables in full screen mode on ControlFlow diagram.

New: Provided an option to save control flow image as *.png, *.bmp or *.jpg.

New: This version allows to open Report Viewer on the machine where SQL Tools/SSIS Runtime not installed. This makes it possible to install BIxPress on any machine for monitoring purpose. In the previous version SSIS Runtime was required before you can access any option of BIxPress.

New: On Double click toggle Zoom state between 100% and Zoom To Fit.

New: Provided an option to change control flow diagram refresh speed incase user is having performance issue.

New: Allow changing database location when creating new database for auditing framework.

New: Allow more than 999 records in execution list on controlflow diagram.

New: Send error option when exception is occurred.

New: Show variable window in the control flow diagram.

New: All wizards now show completion message after processing is done.

New: Give option to expand containers in control flow diagram so child objects can be displayed for monitoring.

New: Send error option when exception is occurred.

New: Ctrl + MouseWheel for diagram zoom in /zoom out and Mouse wheel/arrow keys for scrolling.

New: Redesigned SSIS Monitoring Console UI for easier navigation between reports and control flow. Provided Back button and Tabs for each section (Reports, ControlFlow, DataFlow). Hide diagram toolbar when report is visible. Use Toggle State button rather than checkboxes for each main option to show/hide window. Provided close button for each window.

Bug Fixes/Modifications

Fixed: "Access denied error" for registry key during migration.

Fixed: SSIS monitoring console throws OutOfMemory exception when running static reports.

Fixed: Sometimes SSIS Monitoring Console takes focus away from any other Active window.

Fixed: Maintain scroll position of package execution list after refresh.

Fixed: If parent package is calling child package using Execute Package Task and child package execution fails controlflow diagram doesn't show execute package task in Red.

Fixed: Password node is added in the config file eventhough you select windows authentication for auditing database. Because of that user get can not decrypt <DTS::Password> node error.

Fixed: Selected package count not refreshed after scanning framework on package selection screen of auditing and notification wizard.

Fixed: Sometimes you may get error on control flow diagram about missing layout information eventhough you already applied auditing framework to that package.

Fixed: Auditing framework doesn't log row count due to overflow error if row count is greater than 2 billion.

Fixed: When child task fails it doesn't show parent container in Red on control flow diagram. So when container is collapsed you will see all green eventhough certain tasks inside container failed.

Fixed: Package execution list doesn't maintain focus on the selected item after refresh.

Fixed: Sometimes on the controlflow diagram tab package is changed to different package automatically.

Fixed: Sometimes execution list doesn't show running packages when there are no previous executions found.

Fixed: Setup shows uninstall message eventhough you are upgrading to newer version.

Fixed: Password protected package throws error eventhough you enter correct password.

Fixed: Invalid characters are allowed in profile name.

Fixed: Deployment wizard sometimes hides bottom panel of package explorer and controls are overlapped.

Modified: Hide variable row in the execution report when no variable found.

Modified: More cleaner look of SSIS Monitoring console by moving uncommon options under Advanced Options screen. You can open options dialogbox by clicking "Advanced Options" button at the top.

Modified: Performance improvements for execution list refresh. Now list doesn't flicker when its refreshed and its much faster.

Modified: View report now check for schema upgrade.

Modified: Wrap audit db sync script in transaction so if something goes wrong during database update all changes can be rolled back to restore database to its previous state.

Modified: Performance improvements in expression highlighter.

Modified: Store full conectionstring rather than individual elements in the auditing framework xml config file.

Modified: All procedures reading data from auditing database is using READ UNCOMMITTED transaction mode to avoid any possible locking issue in multi user environment.

Modified: Validate FailPackageOnFailure property when updating auditing framework. This when FailPackageOnFailure property is set for any task in the package if that task fails package is terminated without properly logging package end time.

Version 4.2.1 [Apr 6, 2010]

- **Added:** Package execution monitoring in diagram mode.

    This feature allows you to monitor local or remote package execution visually (just like package debugging in BIDS). You can view real-time control flow diagram of running/completed packages.

    Main Features:
    - monitors currently running or already completed packages in diagram mode (Must have auditing framework applied before you can monitor in diagram mode)
    - tracks history of package layout changes
    - displays task runtime (inside task block)
    - displays row count for dataflow task (above dataflow task)
    - scroll and zoom in/zoom out (use Arrow keys and mouse wheel, or use Toolbar)

- full screen mode, fit to window mode
- recent execution list (Updates automatically)
- package error/warning list (automatic refresh)

- **Added:** Package variable logging.

  This feature allows you to log values of user variables once package execution is completed. You can optionally disable this feature on Logging Option Tab of auditing framework wizard.

- **Added:** Schedule audit log purging option.
- **Fixed:** Auditing Database with a case-sensitive collation sometimes throws error.
- **Fixed:** Scan packages for Auditing/Notification framework has wrong behavior when "Uncheck" option is selected on the Options dialogbox.
- **Fixed:** Sometimes you may receive failed to lock variable in OnPreExecute or OnPostExecute events when ScriptTask added by Auditing framework wizard is executed.
- **Fixed:** Recent execution report doesn't update row count until package execution is completed.

Version 4.1.3   [Feb 22, 2010]

- **Fixed** : Certain sources using Date datatype can cause failure during mapping process without any error and because of the failure converted package doesn't map all columns in the target. This issues only occurs when source column is DT_DBDATE or DT_DATE datatype or any unsupported datatype from source system.
- **Fixed** : Better description is displayed in the log when MetaData Initialization fails.
- **Fixed** : sometimes user may get can not save log file error after conversion.

Version 4.1.2   [Oct 16, 2009]

- **Added** : Currency option for Profiler report
- **Added** : New checkbox on the "Other Options" screen to enable/disable auto correction of Flat File column order
- **Fixed** : When Package Level Transaction is enabled then in the event of failure all auditing information logged by Auditing Framework is also rolled back.
- **Fixed** : Certain system activity cause.
- **Fixed** : Sometime DTS xChange hangs while populating Flat File Destination Mappings.
- **Fixed** : If Package Name contains invalid characters package migration fails.
- **Fixed** : FlatFile Destination columns are generated in different order sometimes.

Version 4.1.1   [Apr 25, 2009]

- **Added** : All Script Tasks created by DTS xChange are now PreCompiled. With this version you will see 10-20 % Faster response for auditing framework.
- **Added** : DTS Profiler report shows packages associated with Task Type in the Task Summary section.
- **Added** : DTS Profiler report shows packages associated with Connection Type in the Connection Summary section. conversion.
- **Fixed** : "Truncation may occur" warning is no longer generated for flat file source. DTS xChange automatically adjust source column length metadata based on target column length (Only when source is flat file)
- **Fixed** : When Execute Package Task is pointing to (local) or localhost then sometimes DTS xChange fails to convert child package (this happens only when migration is performed on a different machine).
- **Fixed** : Text File Logging and SQL Server Logging doesn't work for SQL Server 2008.
- **Fixed** : Profiler report export to excel format fails.
- **Modified** : Previous version didn't consider Nullable Flag and created NULL handling even though target column doesn't allow NULL. This version provides an option on the NULL handling screen to change default behavior. Now by default NULL Handling is only generated when Target column is Nullable.

Version 4.1.0 [Jan 27, 2009]

NOTE : This version requires activation after installation. Please keep your S/N ready when prompted. You can view your current serial number by launching DTS xChange and click Registration Information at the top. Ignore this NOTE if you are running Trial version.

- **Added** : [Major Feature] Context Sensitive Help Integration.
- **Added** : New popup will be displayed after conversion. It will show error/warning summary and Migration related help links.
- **Added** : Redesigned UI for clean look.
- **Added** : ActiveX Script replacement warnings are displayed with relevant help.
- **Added** : On the option screen "Latest from Pragmatic Works" section added. This will display new product release, bug fixes, common question/answers and other useful DTS/SSIS productivity news.
- **Added** : Migration report and log file will be added under "Miscellaneous" folder in the SSIS Project when "View Packages" button is clicked.
- **Added** : "Migration Reading Material" links are automatically displayed after migration. These links are suggested based on various patterns discovered during migration (e.g. How to replace ActiveX using DTS Object Model Apis).
- **Fixed** : Remember Transaction Isolation Level.
- **Fixed** : Profiler doesn't validate missing Backward compatibility pack for SQL Server 2008
- **Fixed** : Folder path is not validated when you select SQL Server as target.
- **Fixed** : Package stored on SQL Server containing dot "." in the package name is saved with incorrect file name (e.g. accouting.nighly.step1 will be saved as accouting.nighly.dtsx instead of accouting.nighly.step1.dtsx).
- **Fixed** : Child package migration is failed in some cases when DTS package is modified to use windows authentication from mixed mode in the child package connection.
- **Fixed** : If (local) or localhost is specified for child package server attribute then DTS xChange fails to load child package when package is stored on a different machine..
- **Fixed** : Sometimes when you click Next button on "Select Source/Target" screen you may receive an error regarding connection failure for Auditing Database.
- **Modified** : In the new version details for running packages is expanded by default in the "Running Packages" and "Recent Executions" reports.

Version 4.0.6 [Jan 7, 2009]

- **Added** : 64bit OS support added for DTS xChange and DTS Profiler which means you can install on 64bit OS (including XP, Vista).
- **Added** : Now you can profile multiple servers and folder location to generate one report for all packages.
- **Added** : Now you can include/exclude packages which contain certain tasks selected in the Task filter list.
- **Added** : Discover SQL Servers option added. This option will find SQL Servers running on the local network.
- **Added** : Expand package detail option added. When this option is checked package detail will be expanded when report is generated.
- **Added** : Remember recently entered/discovered server names.
- **Added** : Ability to stop Profile action by pressing "ESC" key added.
- **Added** : Checkbox option added to view all previously migrated packages.
- **Fixed** : Installation on Vista is corrupted if you don't run setup using "Run As Administrator" option.
- **Fixed** : When you install new version all previous settings are wiped out (e.g. server name, user name...).
- **Fixed** : Duplicate or unnecessary 64-bit warnings are displayed for Script Task.
- **Fixed** : If you enter spaces at the end of SMTP Server name during Send Mail Task migration then you may receive error and package may not be converted.
- **Fixed** : Package with Dynamic Properties Task doesn't work some times.
- **Fixed** : DTS Profiler shows wrong numbers sometimes if machine has international settings (e.g. German).
- **Fixed** : Job detail listing is not shown sometimes when DTS Package name in commandline is different than actual name stored in MSDB.
- **Fixed** : Packages are counted twice in certain cases (this only happens when you apply multiple S/N on the same machine and activate - deactivate Previous registration multiple times)
- **Modified** : Show proper warning about Task Compatibility in SQL2005/2008 if TransferSQLObject/Database task is used.

Version 4.0.5 [Nov 3, 2008]

- **Fixed** : When you profile DTS package(s) which have one or more Custom Tasks not registered then you may receive confusing error message *"Step 'DTSStep_XXXX_XXX' already exists in the collection"*.
- **Fixed** : 64bit Warnings are displayed for event handlers even though there is no script task added.
- **Fixed** : Sometimes you may get an error *"Invalid file name"* while profiling DTS packages.
- **Fixed** : Sometimes you may get an error *"Multi version package requires GUID or Name"* while profiling DTS packages.
- **Fixed** : You may see target platform listed in the dropdown even though you don't meet minimum requirements and when you migrate packages you get error without any useful message.
- **Fixed** : For target platform "SQL Server 2008" If you already installed Backward Compatibility Components you may still receive warning that you don't have Backward Compatibility Components.
- **Modified** : Some non critical warnings are now marked as information.
- **Modified** : Migration report is automatically displayed once migration is completed.

Version 4.0.4 [Oct 27, 2008]

- **Added** : New option added (on the other options screen) to create direct SQL statements for execute SQL task instead of using expression based variable approach. In the previous version there was no setting to change this default behavior.
- **Added** : Two new reports (Execution dashboard and Execution Alerts) added.
- **Added** : Migration summary panel added on the migration status screen which displays Total Migrated Variables, Tasks, Connections, Precedence, Packages, Child Packages and Total Removed Duplicate Connections.
- **Added** : If DTS/SSIS Runtime is not installed then valid message will be prompted instead of *"Object reference not set"* error.
- **Added** : ODBC Destination warning added for SQL Server 2005 and Full ODBC Destination Support added for SQL Server 2008.
- **Added** : Remember password option added for encrypted packages so you don't have to enter password many times during migration or profile process.
- **Fixed** : Sometimes you may get an error *"Exception from HRESULT: 0xC0204006"*
- **Fixed** : Multiple connections are generated if Provider attribute is SQLNCLI or SQLNCLI10.
- **Fixed** : Every time product is updated Activation dialogbox appears and your are forced to submit serial number and other information. This bug is fixed and **any upgrade after version 4.0.4** should not ask for activation unless its new registration or hardware profile is changed.
- **Fixed** : User ODBC DSN is not recognized and "Missing DSN" error is reported in the migration summary report.
- **Fixed** : You get an error after migration *"Can not find Log file Migration - XXXXXX.dat"* when you enter some reserved characters in Migration Title.
- **Modified** : Dynamic Properties with Assignment from Query Result creates more secure code without plain text password in the script task.
- **Modified** : By default only errors/warnings are visible instead of full detail log in the migration summary.
- **Modified** : Connection consolidation improvement for ODBC connections so less number of connections are created compared to previous version.

Version 4.0.3 [Sep 4, 2008]

- **Added** : Now you will be prompted to copy the serial number before any upgrade.
- **Fixed** : Unused columns for Flat File Source not removed from the pipeline which slows down performance.
- **Fixed** : Profiler report doesn't display activex script lines in the task distribution summary.
- **Fixed** : Converting packages to SSIS 2008 throws error *"Can not load DTS.DTSPackagePriorityClass"* .

Version 4.0.2 [Sep 2, 2008]

- **Added** : More Accurate Estimate for ActiveX script conversion based on Length of Source code.
- **Added** : Color coding added in profiler report for Fully Migrated Tasks, Partially Migrated Tasks and Tasks which can not be migrated.
- **Added** : Task utilization summary of Profiler report shows Avg length of source code and total source code lines for ActiveX Script task.

- **Added** : Search for unsupported tasks option added.
- **Added** : New option added under "Handle unsupported provider" screen to convert SQLOLEDB Provider to SQL Native Client automatically
- **Added** : Purge Audit history option added on the report viewer screen.
- **Added** : End Time not displayed on the migration summary screen when Package status is "Warning"
- **Added** : Text Log File Path not validated
- **Added** : CheckPoint path is not validated
- **Added** : Application is crashed sometimes when Job Detail is checked and Header is clicked.
- **Fixed** : ReportViewer throws date format conversion error when system setting is set to other than US-English.
- **Fixed** : Dynamic Properties conversion generates wrong code when Assignment value is read from Query.
- **Fixed** : "*Unable to cast object*" error is thrown after migration when target platform is SQL Server 2008.
- **Modified** : Trial version now allows full profile without restricting number of packages
- **Modified** : Now only one Config file path allowed instead of "Output Folder" and "Config Folder".
- **Modified** : ReportViewer only allows maximum 50 days/weeks/months. This behavior is fixed now you can enter more than 50 days.

Version 4.0.1　[Aug 4, 2008]

- **Added** : **[Major Change]** Support for SQL Server 2008 (Codename "Katmai") has been added. You can now convert DTS 2000 packages to SQL Server 2008 or SQL Server 2005 same way.
- **Added** : Detect SSIS version and display in the Target Platform Dropdown.
- **Added** : ProtectionLevel setting added under "Other Option" tab on Rule screen.
- **Added** : Better warnings are produce for 64Bit support if you select option on the "Select Source/Target screen"
- **Added** : Machine Name, Execution Account Name and Execution Mode filters added in the audit reports
- **Added** : Graph for Execution Time Trend over selected time frame added for Run Time Trend report
- **Added** : Graph for Error/Warning Trend Status over selected time frame added for Run Time Trend report
- **Added** : Graph of Execution Status over selected time frame added for Run Time Trend report
- **Added** : Graph of Extracted/Loaded Record Count over selected time frame added for Extract/Load Trend report
- **Added** : Summary section added in the profiler reports which displays Cost/Time saving using DTS xChange compared to manual approach.
- **Added** : If you migrate packages to SSIS 2008 then you can pick either **C#** or **VB.net** as your scripting language. Language setting is available under Other option tab on rule screen.
- **Fixed** : Error/Warning Message more than 4000 characters is not logged by audit framework.
- **Fixed** : Clicking on "<New>" Event handler database dropdown throws error.
- **Fixed** : Slow Application Load because version update is checked every time application is loaded.
- **Fixed** : Some times clicking on the Report button throws error saying "Path not found".
- **Fixed** : Recent Executions and Running Packages report of ReportViewer Application show wrong Record Count when multiple errors/warnings are displayed for the dataflow.
- **Fixed** : You may get *"Bad method token"* error on application load after applying certain Windows updates.

Version 3.0.1　[Jun 29, 2008]

- **Added** : **[Major Change]** Auditing Framework has been rewritten in this version to support faster and easy reporting. This framework is different than Previous version of DTS xChange so make sure you re-migrate packages with old framework or use SSIS xPress (Sold Separately by Pragmatic Works) to apply same Auditing framework to New and Old Packages.
- **Added** : SSIS Report Viewer Application is added to view real time and historical data for SSIS Package execution. This application has five useful report to view various type of detail and trend related to package execution which includes detail about Extracted/Loaded Record Count, Errors, Warnings, Execution Count, Machine Name, User Name and many more.
- **Added** : Added DelayValidation and ValidateExternal MetaData option under Advanced DataFlow Options.
- **Added** : Remember setting for Audit Database on the Auditing Framework Screen.

Version 2.1.4　[Jun 10, 2008]

- **Fixed** : It takes long time to load Package List when you click "Next" button on "Select Source/Target" Screen.

Version 2.1.3 [Jun 4, 2008]

- **Fixed** : NULL Handling is added even though you have FLAT FILE as a destination where you really don't need NULL Handling.
- **Fixed** : You may get the following error when you have less number of target columns than source columns in a Transformation. "ERROR : Item has already been added. Key in dictionary: 'System.__ComObject' Key being added: 'System.__ComObject'".
- **Fixed** : Failed to lock variable "User::XXXXXXX" Error occurs when variable specified in Input/Output Parameter Mappings of Execute SQL task has different case than actual variable (Using MyVariable as myvariable in Parameter Mappings can create problem).
- **Fixed** : Sometimes expression variable is generated to handle parameterized queries in Execute SQL task even though parameters are supported.
- **Fixed** : if forward slash "\" is used in SQL Queries then sometimes it may cause invalid expression issue.

Version 2.1.2 [May 28, 2008]

- **Added** : Now you can restore all Default settings/best practices by clicking "Restore Default Settings" button.
- **Added** : Offline Deactivation support added.
- **Fixed** : UDL file using OLEDB Providers other than SQL Server may not work properly sometimes if you have selected "Deployment Framework" best practice.
- **Fixed** : ODBC Connection using DSN may not work properly sometimes if you have selected "Deployment Framework" best practice.
- **Fixed** : Duplicate config file is created if Provider name do not match (e.g. MSDAORA and MSDAORA.1)
- **Fixed** : Set TruncateRowDisposition Bug Fix.
- **Fixed** : MultiLine value assigned for Constant or Query type Dynamic Assignment Source creates error in Script Task.
- **Fixed** : Sometimes invalid source column meta data is generated for DataReader Source and Length set to 0.

Version 2.1.1 [May 22, 2008]

- **Added** : New rule for DataFlow Options added. This rule has option to set command timeout and TruncationRowDisposition for various types of sources.
- **Added** : If proper settings not selected then system will warn you with recommendation for Best Practices.
- **Added** : Now you can view migrated packages into Visual Studio by clicking on "View Packages" button.
- **Added** : Advanced Transformation (e.g. Trim, Mid, Upper, Lower and DateTime) Support added. System automatically adds necessary code in the form of Script Transformation whenever required to handle Advanced Transformations.
- **Added** : Application Log Tab added to view detailed Migration steps performed by application.
- **Added** : You can now enable/disable Migration History using the checkbox provided on the "select source/target" screen.
- **Fixed** : Dynamic Assignment of SqlStatement or SqlObjectName is supported for DataPump source or destination.
- **Fixed** : DataProvider can not be identified for UDL file connection.
- **Fixed** : CheckPoint file is not created on the event of Task failure even though CheckPoint rule was selected during migration.
- **Modified** : Better message is displayed with Help link if MetaData validation fails.
- **Modified** : DataReader source is now set with CommandTimeout=0 (Infinite) instead of 30 seconds.

Version 2.0.0 - R4 [Apr 29, 2008]

- **Fixed** : IBM iSeries/AS400 Connections not migrated successfully or they are not recognized as AS400/iSeries connection.

Version 2.0.0 - R3 [Apr 28, 2008]

- **Fixed** : "SELECT Permission Denied on object Syshistory,Sysjobs,Sysjobsteps" error is generated when user has insufficient privileges and because of this error you can't go beyond Source/Target selection screen.

Version 2.0.0 - R2 [Apr 25, 2008]

- **Fixed** : If Flat file is used as source or destination and one or more Transformation has missing Column MetaData then System generates wrong number of columns in the flat file connection and also makes Migration process very slow.
- **Fixed** : Migration of DTS Variable of ComObject Type (generally displayed as <Dispatch> datatype in DTS) creates error while saving the New SSIS package.

Version 2.0.0 - R1 [Apr 24, 2008]

- **Added** : Unsupported data provider replacement rule added. This rule automatically detects unsupported drivers and replace with any supported driver selected by user from the suggested driver dropdown (i.e. Microsoft Odbc Driver for Oracle ==> Oracle OLEDB Driver for Oracle). This rule also checks for 64bit Support of the driver.
- **Added** : DTS xChange now automatically finds all Job(s) associated with packages listed on the package selection screen. This screen lists some useful information like Job Name, Last Execution Date, Job Status and Date Created for that package. You can also save this report to Tab delimited file which can be easily copied to excel for better sorting/formatting.
- **Added** : New package selection list is added at the bottom to view selected packages easily.
- **Added** : In the event handler rule you can optionally disable OnWarning event to avoid unnecessary logging records.
- **Added** : Automatically create folder if doesn't exist.
- **Added** : Now you can exclude warnings from Event Handler Logging to avoid unnecessary log records.
- **Fixed** : Migration of DataPump task using Parameterized Stored Procedure fails sometimes. This issue has been resolved.
- **Fixed** : If DTS Package Name contains ":" then anything before ":" is removed from the SSIS package name (i.e. "ACCT:Load1" becomes "Load1")
- **Fixed** : ODBC Connection is left unused after replaced by ADO.net connection.
- **Fixed** : Certain OLEDB Providers (i.e. OraOledb from Oracle Corp) used in DTS doesn't migrate properly.
- **Modified** : Auditing Variables other than row count are now placed in EventHandler scope instead of Package level scope. This makes less variables visible when you see package variables.

Version 1.8.0 - R1 [Apr 4, 2008]

- **Added** : Row count logging functionality added. This feature gives you ability to log very rich information (e.g. Source Row Count, Target Row Count, Data Source Name, File Name, SQL Query, Table/View Name etc.)
- **Added** : Filter and Sorting feature added for package selection screen.
- **Added** : You can now assign codepage settings for Source/Destination/ExecuteSQL Task and FlatFile using "CodePage Setting" Rule.
- **Added** : For DataPump with ActiveX Scripting, a derived column place holder will be added automatically.
- **Fixed** : ExecuteSQL Task with Input/Output Parameters may throw error message "The variable name is ambiguous because multiple variables with this name exist in different namespaces. Specify namespace-qualified name to prevent ambiguity". This issue only occurs if variable name is conflicting with any reserved System variable in SSIS.
- **Fixed** : Consolidate Connection rule doesn't consolidate connection created for logging if it points to the same datasource as other connection(s) in the package.
- **Fixed** : Default Code Page of Flat File is always set to 1252 (ANSI LATIN) instead of system's default code page.
- **Fixed** : DTSxChange fails to load on Vista SP1.
- **Fixed** : Database Name from the ODBC Connection String not parsed correctly and because of that Config Files are not named using Database Name (e.g. OLEDB_1 instead of OLEDB_Northwind_1).
- **Fixed** : ODBC Connection doesn't migrate properly or invalid password is configured for migrated ODBC Connections.
- **Fixed** : Security Fixes related to exposing password property.
- **Fixed** : If you enter unknown server name in the server textbox on EventHandler or Logging to SQL rule it throws error and goes into infinite loop and forces you to kill the application.
- **Fixed** : Windows Authentication Settings are ignored sometimes while generating Shared Config file and duplicate config files are created. This occurs when you have Username/Password specified along with Windows

Authentication on EventHandler Logging, Logging to SQL or on Convert Child Package rule screen.

- **Fixed** : For any flat file connection If Provider ID is "DTSFlatFile.1" instead of "DTSFlatFile" then Unknown connection error occurs and connection is not migrated.
- **Modified** : Real time progress for dataflow conversion. Now you can see how many mappings are done in real time, this is very useful when you have many mappings in a single datapump.
- **Modified** : You can now stop migration process without waiting to finish all mappings.

Version 1.7.0 - R1 [Mar 10, 2008]

- **Fixed** : Profiler reports show wrong format of "Page {Total Pages} of {Page}" which really Should be "Page {Page} of {Total Pages}" at the bottom.
- **Fixed** : Config file for migrated UDL connection doesn't store Password in the Config File or in the Connection Manager.
- **Fixed** : DTS xChange throws ERROR: 25000 when not running on the US-English language setting (See : Control Panel->Regional & Language Settings -> (Advanced Tab : Language Dropdown)
- **Fixed** : Config file Rule has been improved to use better file naming and selection of existing files.
- **Fixed** : Config file rule with "Generate Single Element" option turned on doesn't create password property in the connection string.
- **Fixed** : UDL File and OLEDB Connections are not consolidated even though they have exact same Attributes.
- **Fixed** : Packages migrated with previous registration(s) counted again with current registration.
- **Fixed** : If you never change Auto Update settings then Auto Update Check is performed every time you open the application and because of that main form takes some time to load.
- **Added** : Profiler estimate for Manual vs DTS xChange added on the estimate screen and reports. This feature now shows better comparison between manual vs DTS xChange cost saving for selected packages.
- **Added** : Save, SaveAs and Restore Default Options added on Profiler Estimate Screen.
- **Added** : You can now specify estimate for "Additional features" while generating estimate report.
- **Added** : Consolidate Connection rule tab has now additional configuration options.
- **Added** : Counter panel added on the first screen to show total conversions using current registration, total conversions left and total total conversions using previous registration.
- **Added** : Added detailed application logging.
- **Modified** : Profiler estimate screen has better layout to make everything more visible than previous version.

Version 1.6.2 - R100 [Feb 14, 2008]

- **Fixed** : Dynamic Properties task now throws warning if any Connection Property is not supported ny DTS xChange (e.g. UDLPath)
- **Added** : Check for **Auto Update** feature.
- **Modified** : Validation summary is now not showing unwanted information.
- **Modified** : Validation summary is now grouping warnings by task so its easier to identify errors/warning caused by particular task/container.
- **Added** : Now you can store migrated SSIS packages to **\File System** node on SSIS Server. In the previous release by default all packages were stored on **\MSDB** node.
- **Added** : Online Help file support for F1 key press.
- **Added** : Help button at the bottom.
- **Fixed** : Source/Target server name is validated. Named instance is not allowed as target server when you select SQL Server as Target.
- **Fixed** : Source/Target UserName name is validated when Win Auth is checked.
- **Fixed** : Trial version now allows migration for 10 packages unlimited times. Before it was restricting per use instead of per package.
- **Modified** : Trial version now allows convert child package rule.
- **Modified** : All tasks/variables/connections in the migration log shows related help link in the bottom detail.
- **Added** : DEV edition support added to give limited migration support. A migration counter is displayed at the top.

Version 1.6.1 - R0 [Feb 6, 2008]

- **Fixed** : Corrupted DTS Task breaks the control flow of SSIS.
- **Fixed** : UDL source/destination issues with datapump.

- **Added** : Information bar for PDF export on Profiler report screen.

Version 1.6.0 - R0 [Oct 1, 2007]

- Initial Release.