

WhereScape®

WhereScape® 3D

Release Notes

Version 8.6.9.0 | March 2023

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WhereScape 3D Version 8.6.9.0 Release Update

WhereScape is pleased to announce that the WhereScape 3D Version 8.6.9.0 is now available. The Version 8.6.9.0 release notes document details the changes since the last release.

Upgrading to Version 8.6.9.0

To upgrade to Version 8.6.9.0, login to www.wherescape.com to download 3D from the downloads page in the Support section.

Detailed Changes from Previous Versions

Details of changes made in previous versions of 3D are available on the <https://www1.wherescape.com/support/software-downloads-documentation/wherescape-3d/previous-versions/> page in the Support section.

Kind Regards,
WhereScape 3D Team

Version 8.6.9.0

Significant Features in Version 8.6.9.0

The following enhancements have been made since Version 8.6.8.0.

- Performance improvements.
- Set load table properties model conversion rule.
- Model conversion rule enhancements.
- Conversion set group enhancements.

Performance improvements

There have been significant improvements to the execution speeds of all model conversion rules. These improvements will be particularly noticeable when working with remote repositories. Future versions of WhereScape 3D will continue to provide further performance improvements.

Set load table properties model conversion rule

A new model conversion rule (MCR) to manipulate load table properties has been added to WhereScape 3D. Information such as file paths or field delimiters can be automatically updated when required by making use of this rule. This new MCR allows for yet another step in the design process to be automated.

Model conversion rule enhancements

There have been several enhancements to the model conversion rules within WhereScape 3D. For example users now have greater control when deleting extended properties. Now you can write rules to delete the extended properties that were required for design automation in 3D, while keeping those necessary for automating the build process in WhereScape RED.

Conversion set group enhancements

The conversion set groups that were released last year have now become even more powerful. More of the dialogues in WhereScape 3D are now aware of the groups of conversion sets that you define, making it even easier to manage custom workflows.

Detailed list of changes in Version 8.6.9.0

The following changes have been implemented since Version 8.6.8.0

Jira Number	Description
New Features	
BLUE-2975	New model conversion rule for manipulating load table properties.
BLUE-2978	Relationship information can now be discovered using browse scripts and extensible source connections.
BLUE-2949	Added support for connecting to the metadata database using Azure Active Directory authentication.
BLUE-2983	Added support for connecting to the metadata database using LDAP authentication.
Improvements	
BLUE-2970	Improved execution speed for model conversion rules, particularly when connected to remote repositories.
BLUE-2738	<p>Pebble version used by WhereScape 3D upgraded to version 3.1.5</p> <div style="border: 1px solid red; padding: 5px;"> <p>Note</p> <p>All custom templates and model conversion rules should be tested before upgrading WhereScape 3D due to breaking changes. Please review https://pebbletemplates.io/changelog/ for full details of changes to the Pebble template engine.</p> </div>
BLUE-2993	WhereScape supplied templates updated for compatibility with version 3.1.5 of Pebble used by WhereScape 3D. See https://pebbletemplates.io/changelog/ for further details.
BLUE-2951	Added the ability to specify which attribute extended properties to delete when using the 'Delete attribute extended properties' model conversion rule.
BLUE-2931	Added the ability to specify which entity extended properties to delete when using the 'Delete entity extended properties' model conversion rule.
BLUE-2776	Option for overriding case conversion category settings added to the 'Convert case' model conversion rule.
BLUE-2965	Category description and discovery user confirmation settings are now included in the category import and export process.
BLUE-2952	The 'Windows authentication' setting is now included in the connection import/export process.
BLUE-2950	User documentation related to groups is now included in the model import/export process.
BLUE-2935	User documentation related to schemas is now included in the model import/export process.
BLUE-2907	User documentation related to connections is now included in the model/connection import/export process.
BLUE-2933	Robot index creation now supports the use of the 'Primary keys' and 'Attributes of type' options when new attributes are being created.
BLUE-2976	Conversion set groups are now displayed on the 'Apply model conversion', 'Select other conversion set' & 'Copy rule' dialogues.
BLUE-2977	The Default group on the model conversion manager can now be edited or removed.
BLUE-2982	Syntax highlighting is now applied to PowerShell browse and workflow scripts in the script and template manager.
BLUE-2990	The 'ws3d_rvls - Housekeeping' conversion set now maps multi-active satellite attribute types to attribute types recognized by WhereScape RED.

Jira Number	Description
BLUE-2961	The delete repository option available in WhereScape 3D will now delete the metadata database associated with the repository.
BLUE-2957	Extensible source connection workflow improvements.
BLUE-2880	Improvements to the process of importing models from ER/Studio Team Server.
BLUE-2889	More descriptive error messages provided in certain cases.
BLUE-2944	Improvements to the way in which WhereScape 3D connects to Snowflake when using ODBC connections. <div style="background-color: #c00000; color: white; padding: 2px;">Note</div> <div style="border: 1px solid red; padding: 2px; color: red;">Despite this improvement the WhereScape 3D team still recommend connecting via JDBC in all circumstances.</div>
BLUE-2979	WhereScape 3D has upgraded from Log4j version 1.2 to 2.19.0.
BLUE-2981	Upgrade to Java version 11.0.17+8.
BLUE-2562	Included the ability to delete specific data transformations when using the delete data transformation model conversion rule.
BLUE-3006	Table, column & Index names up to 256 characters long can be Exported to WhereScape RED.
BLUE-2891	A warning is now displayed when attempting to view or edit locked category settings.
Bug Fixes	
BLUE-3011	Fixed issue with split entities per source mapping set model conversion rule.
BLUE-2984	Fixed an issue with the 'Add Data Transformation' model conversion rule that occurred after a repository upgrade.
BLUE-2948	Issues upgrading WhereScape 3D xml files containing model information resolved.
BLUE-2987	Pebble template fetch error resolved.
BLUE-2968	Solved an issue with inserting columns into PIT tables when using the PIT table wizard.
BLUE-2964	Solved a UI issue where duplicate columns were displayed on the source mappings screen.
BLUE-2985	Arrows on the source mapping screen are now correctly highlighted when selected.
BLUE-3003	Resolved issue quick copying models sourced from host connections.
BLUE-2939	Create version dialogue box shortcut keys updated.
BLUE-3004	Non-ASCII characters are now correctly imported from WhereScape 3D xml files.
BLUE-3005	Fixed issue retrieving data transformations within Pebble templates.
BLUE-2966	Column order changes are now correctly identified by compare models function.
BLUE-2992	Resolved issue importing multiple templates.

Previous Release Significant Features

Significant Features in 8.6.8

- Extensible source connections enhancements.
- Pebble templating extensions.
- Additional source system discovery capabilities.

Significant Features in 8.6.7

- Updated user interface
- New search and filters options
- MCR management
- Template management
- Pebble extensions
- DevOps improvements
- Performance of MCRs

Significant Features in 8.6.6

- Enhanced discovery methods
- Validation templates
- Design automation improvements
- Comparing and merging of configurations
- Performance improvements

Significant Features in 8.6.5

- Source API connectivity & Configurable UI
- Configurable Workflows
- Expanded DevOps Capabilities.
- All definitions migrated to the Metadata Database

Significant Features in 8.6.3.0

- Snowflake discovery performance improved
- New Model Conversion Rules
 - Change entity properties (setting visibility flag)
- A number of stability improvements

Significant Features in 8.6.2.0

- Model Conversion Rule Editor
 - Ability to Stop a rule set at a specified point
 - New Validation Panel

- Model Conversion Rule Improvements
 - Group Management: Create, Delete, Rename, Assign / Remove Entities
 - Populate Entity Queries - now source mapping aware
 - Add Data Transformation - now source mapping aware
 - Change Attribute Properties - now supports hiding / unhiding
- Business Vault Design
 - New Bridge Wizard
 - New PIT Wizard
 - Model Conversion Updates
 - Satellite current and history view query improvements
- PostgreSQL and Java Support libraries update
- New installations use PostgreSQL 12

Significant Features in 8.5.1.0

- 3D has included support for the Business Vault category.
- This version allows you to create Point in Time (PIT) and Bridge tables under Data Vault and Business Vault models.
- Bridge table wizard is accessible in the Business Vault category for creating a Bridge table with a single link and related hubs.
- 3D now supports Microsoft SQL Server 2019.
- This version includes the 'Multi-Active Satellite Natural key' and 'Multi-Active Satellite Sequence key' attributes types for RED export.

Significant Features in 8.4.2.0

- Table with multiple source connections
- Hidden Objects in Tree View
- Inaccuracy in the display overview when display scaling is used
- Memory leak of multiple track-back diagrams when closing them

Significant Features in 8.4.1.0

- Enhanced Data Vault generation workflows
- Advanced copy performance enhancements
- Added Snowflake and RedShift database support
- Enhanced model conversion criteria matching
- Other enhancements
 - Entity type robots
 - New attribute type colors
 - RED category

Significant Features in 8.3.1.0 and 8.3.1.1

- A new installer with an option to install metadata server
- The metadata repository has transitioned from Apache Derby to the WhereScape Metadata Server

- A new dialog has been introduced to migrate from 32-bit ODBC DSNs to 64-bit ODBC DSNs
- There is support for native resolution scaling
- WhereScape 3D now encrypts all profiling data that is stored in the metadata repository
- Template editor preview enables testing against other areas than the current entity. The previewer has also been added to the model conversion editor
- DevOps changes
 - New DevOps command line arguments enable you to create, restore, link and backup a repository
 - New DevOps command line option enables you to advanced copy a model with model conversions
 - New DevOps command line option enables you to create the XML for export to RED
- HTML Help enhancements
 - Pebble syntax help information has been added to the HTML help

Significant Features in 8.2.1.1

- Introduced source mapping sets for multi-source
- Reinvigorate user guide with HTML5

Significant Features in 8.1.1.0

- Improvements to model conversions
 - Customizable matching in model conversion rules
 - Use profiling for matching criteria
 - Run multiple model conversions sequentially
 - Customizable RDBMS filter
 - WhereScape provided model conversions are read only
 - Improved renaming support
 - Entity type synchronization
- New template features
 - Variable type conversions
 - String support functions
- Improved the interface for source mappings

Significant Features 8.0.1.0

The following significant new features have been added since Version 2.10.0.0

- Improved DDL template support
- Added template support for queries

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