

WhereScape®

# WhereScape® 3D

## Release Notes

Version 8.6.8.0 | September 2022

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## WhereScape 3D Version 8.6.8.0 Release Update

WhereScape is pleased to announce that the WhereScape 3D Version 8.6.8.0 is now available. The Version 8.6.8.0 release notes document details the changes since the last release.

### Upgrading to Version 8.6.8.0

To upgrade to Version 8.6.8.0, login to [www.wherescape.com](http://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 8.6.8.0

### Significant Features in Version 8.6.8.0

The following enhancements have been made since Version 8.6.7.0.

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

#### Extensible source connections enhancements

There have been several enhancements to the configurable UI and extensible source connections features within WhereScape 3D. These enhancements improve the integration between 3D and our source enablement packs such as the WhereScape file parser. A wider selection of properties can now be discovered and exported to WhereScape RED.

#### Pebble templating extensions

WhereScape 3D 8.6.8.0 offers enhanced Pebble templating capabilities. It is now possible to access information about all user configured properties from a Pebble template. This includes all connection properties, load table properties and column properties. These extensions allow greater flexibility when writing DDL or query templates and offer more flexibility for model conversion rule matching criteria.

#### Additional source system discovery capabilities

Improved logic for discovering schemas and groups within WhereScape 3D will be particularly beneficial when importing models from WhereScape RED. These improvements improve the filtering capabilities ensuring that only information relevant to the task in hand is imported into 3D.

## Detailed list of changes in Version 8.6.8.0

The following changes have been implemented since Version 8.6.7.0

Jira Number	Description
<b>New Features</b>	
BLUE-2909	Source File Options are now discovered by WhereScape 3D and can be exported to WhereScape RED when using the file parser ennoblement pack.
BLUE-2910	Expanded selection of properties discoverable using extensible connections.
BLUE-2911	Support for exporting models to WhereScape RED using the new RedDeploy.exe.
BLUE-2912	Configured column properties accessible within Pebble templates.
BLUE-2913	Configured load table properties accessible within Pebble templates.
BLUE-2914	Configured connection properties accessible within Pebble templates.
<b>Improvements</b>	
BLUE-2534	The 'ws3d_grv - Create satellites' conversion set has been updated to support creating Multi-Active Satellites when no multi-active natural key is available.
BLUE-2862	Usability improvements to the connection properties screen when creating and managing extensible connections.
BLUE-2894	The script language is now included when importing and exporting scripts.
BLUE-2919	Enhanced capabilities when defining text box fields on the UI configuration manager.
BLUE-2920	Enhanced capabilities when defining list view fields on the UI configuration manager.
BLUE-2895	Source mappings that reference other models within a 3D repository can now be imported/exported via XML.
BLUE-2915	Improved logic for determining schemas available when using custom discovery methods.
BLUE-2916	Ability to discover groups using custom discovery methods.
BLUE-2917	Additional extensible connection information displayed on the properties pane.
BLUE-2918	Ability to define a required flag on configured connection properties.
BLUE-2921	Added support for copying UI configurations from one repository to another.
BLUE-2922	Enhancements to the repository tree search capabilities.
BLUE-2923	Ability to define custom templates when creating pivot tables.
BLUE-2924	Improved formatting of tool tips for configured column properties, connection properties and load table properties.
BLUE-2926	Enhanced Pebble support for the add data transformation model conversion rule.
BLUE-2928	Streamlined the process of selecting entity types in the discovery method filters.
BLUE-2938	The connection type of an extensible connection is now accessible within Pebble templates.
BLUE-2901	Enhanced automation capabilities for manipulating configured column properties using the change attribute properties model conversion rule.
<b>Bug Fix</b>	
BLUE-2892	The set query join types dialogue is now accessible for tables sourced from multiple files.
BLUE-2943	Pebble templates can now be used to define group names when using the create group model conversion rule.
BLUE-2942	Resolved issue with merging models when tables to be merged have the same target location.
BLUE-2890	Where clauses that end with a number can now be correctly exported to RED.

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Jira Number	Description
<b>BLUE-2925</b>	Data transformations applied to more than one column are now correctly handled by the 'Split entities by source mapping set' model conversion rule.
<b>BLUE-2936</b>	Data transformations assigned to multiple columns can now be exported to RED.
<b>BLUE-2896</b>	All database types associated with a JDBC connection can now be imported/exported via XML.
<b>BLUE-2893</b>	Improvements to logging information provided for the 'Delete indexes' model conversion rule.

## Previous Release Significant Features

### 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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