

WhereScape®

WhereScape® RED

Release Notes

Version 10.0.1.0 | February 2024

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WhereScape RED 10.0.1.0 Release Update

WhereScape is pleased to announce that WhereScape RED 10.0.1.0 is now available.

Downloading version 10.0.1.0

Go to <https://www1.wherescape.com> to see available product versions and documentation.

Login to the [WhereScape Support Portal](#) to access downloads.

Kind Regards,
WhereScape RED Team

Significant New Features and Improvements in RED 10

Enhanced Procedure Support Capabilities

This release adds full support for procedure based code generation and execution on RED 10, extending the capabilities for data warehouse processing methods for all targets. This brings this version of RED in-line with our traditional procedure based offerings on SQL Server, Oracle and Teradata metadata repositories.

As with Script based code generation, procedure code generation will only be supported via templates and therefore selected Target Platform Enablement Packs will roll out support for procedures in the coming months.

Highlights:

- Full support for deployment and execution of Procedures, Functions and SQL Blocks
- Interactive execution of Procedures, Functions and SQL Blocks utilizing Action Processing Scripts
 - Enables running the java based RED Scheduler Utilities package outside the Scheduler
 - Provides a way to validate Action Processing Scripts outside of Azkaban
 - Lays down the foundation for customizable Scheduler and UI Actions in the future
- Adds additional target settings to control the code RED executes for procedure drops and tables exists checks.
- Extended RED token replacement for [TABLEOWNER] and [SCHEMA.objName] to all script and procedure types.
- Enables a migration path for customers on traditional procedure based data warehouses*

* Pending migration tooling roll out and compatible EP availability.

Customer Improvements

This release also includes the customer enhancements and support fixes listed in the [Detailed Changes](#) page.

Migrating from Earlier Versions of RED

Note that due to both the new PostgreSQL metadata and the external Azkaban based Scheduler there is no upgrade path from earlier versions of RED directly to RED 10. If you are an existing customer of WhereScape RED on another metadata platform then migration tooling will become available soon after this release along with the rollout of procedure compatible Enablement Packs for selected Target platforms.

WhereScape 3D Compatibility

This release of RED 10.0.1.0 is compatible with WhereScape 3D 8.6.9.1 versions and up for 3D exports to RED.

Important Messages when Upgrading

Upgrading Azkaban

This version 10.0.1.0 has changes to the Azkaban components and therefore all Azkaban Web Servers and Executor Servers need upgrading as well as the Azkaban metadata.

Upgrading Azkaban is currently a manual process, please refer to the RED User guide for detailed upgrade instructions.

Change history for Azkaban components requiring upgrades (changes are cumulative):

- 10.0.1.0: Added procedure support and long hosts names fix
- 10.0.0.0: First release

Upgrading Scheduler Integration Scripts

The default scheduler integration publish script has had improvements and can optionally be upgraded in RED. Refer to the RED user guide for detailed upgrade instructions.

Change history for wsl_scheduler_publish script requiring optional manual upgrade (changes are cumulative):

- 10.0.0.3: Support for republishing when existing job not found. Improved logging.
- 10.0.0.2: Added support for disabled tasks.
- 10.0.0.0: First release

Detailed Changes

Changes in RED 10.0.1.0

The following changes have been implemented since 10.0.0.3.

Jira Ticket	Description
Fixes and Improvements	
RED-10617	Fixed issue with the variable v_step in Procedure and SQL block templates for custom targets.
RED-11734	Resolved potential "Referenced object key could not be found" issue when generating Action Processing Scripts for Source Mappings.
RED-11682	Azkaban Executor host names metadata extended to allow for 255 chars to support cloud based infrastructure.
RED-11730	Token replacements [TABLEOWNER].[tableName] and [SCHEMA.procName] extended to all scripts and procedures including load and action processing scripts
RED-11655	Added two new Target settings 'Procedure Drop SQL' and 'Table Exists SQL' for more control over target platform syntax.
RED-11652	Added a new stand-alone execution method to the Scheduler Utilities Plugin to support interactive execution of Action Processing Scripts.
RED-11676	Improved Red Deployment defaults when deploying from WhereScape 3D to RED.

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