



Reltio Accelerators

Agenda

- Introduction
- Reltio Delete Utility
- Reltio Export Utility
- Reltio Dataload Mapping Export Utility
- Reltio Merge Utility
- Reltio Unmerge Utility
- Customer Success Stories

Introduction



- Reltio is a cloud-based Master Data Management (MDM) tool.
- Reltio MDM enables business to master their data efficiently and provides a 360-degree view of data
- Friendly User Interface
- Reltio provides Rest APIs for integration
- Enables data stewardship
- OOTB data load capability
- Scalable

- Reltio utilities are Java/Python based utilities.
- Designed and developed to automate manual task
- These are accelerators, developed as part of go-to-market strategy
- Reltio Utilities are platform independent
- Performance efficient
- Exception tracking and re-try mechanism
- Access Detailed logs
- Easy to use
- Retry mechanism and Reprocessing

Reltio Delete Utility

Streamlining Data Cleanup with Reltio Delete Utility

- *Reltio Delete Utility is a versatile JAVA-based tool designed for efficient data deletion.*
- *Execution Mode: Supports both Hard and Soft deletion for Entities and Relationship*
- *Batch Deletion: Users can provide lists of crosswalks or URIs for cleanup.*
- *Regular Cleanup: Ideal for ongoing data maintenance in Reltio MDM.*
- *Multi-threaded Efficiency: Speeds up the cleanup process significantly.*
- *Scalability: Suitable for small-scale to large-scale data deletion needs.*
- *Compatibility: Works on any operating system or cloud platform.*
- *Generic: Requires a configurable property file as command-line input.*
- *High Performance: Utility can cleanup millions of records within minutes based on the network bandwidth*

Use Case

This utility can very useful during implementations to soft or hard delete entities and relationships. Utility can also be used as a regular process to cleanup unwanted records in Reltio MDM. With the help of this multithreading-based utility users can provide list of crosswalks or URIs for cleanup and complete the task in very shorter duration as compared to manual process.



Reltio Export Utility

Streamlining Data Export with Reltio Export Utility

- Reltio Delete Utility is a versatile Python-based script designed to export multiple entity types data via single click
- Export Format: Utility can export data into canonical CSVs, Postgres or Snowflake tables
- Export Type: Utility supports both Initial data export and incremental data exports
- Multi-threaded Efficiency: Speeds up the export process significantly.
- Scalability: Suitable for small-scale to large-scale data deletion needs.
- Compatibility: Works on any operating system or cloud platform.
- Generic: Requires a configurable property file as command-line input.
- High Performance: Utility can export millions of records within minutes based on the network bandwidth

Use Case

- System Integration Testing : This utility empowers QA resources to export the golden data into table and execute SQL queries as per test case.
- Match tuning : Comparison between Source tables and golden records can help implementation team to identify the false positive and false negative merges.
- Outbound integration : Data export in normalized format



Reltio Un-Merge Utility

Streamlining Bulk Un-Merges with Reltio Merge Utility

- Reltio Merge Utility is a versatile JAVA-based tool designed to perform manual un-merges in Reltio MDM
- Bulk Un-Merges: Users can provide falsely merged crosswalks list to perform un-merge of records as a batch job in single click.
- Scalability: Suitable for small-scale to large-scale un-merges.
- Compatibility: Works on any operating system or cloud platform.
- Generic: Requires a configurable property file as command-line input.
- High Performance: Utility can un-merge millions of records within minutes based on the network bandwidth



Use Case

Unmerge is often considered as rare use case in Reltio MDM but evolving data can always lead to false auto merges. Even though Reltio provides user friendly option to unmerge records via Reltio UI but process can be quite cumbersome and may lead to human errors when the volume of unmerge is high. With the help of this multithreading-based utility users can provide list of crosswalks to unmerge and complete the task in very shorter duration as compared to manual process.

Reltio Merge Utility

Streamlining Bulk Merges with Reltio Merge Utility

- Reltio Merge Utility is a versatile JAVA-based tool designed to perform manual merges in Reltio MDM
- Bulk Merges: Users can provide match pair lists in the form of either crosswalks or Reltio URIs to perform manual merges of records as a batch job in single click.
- Scalability: Suitable for small-scale to large-scale merges.
- Compatibility: Works on any operating system or cloud platform.
- Generic: Requires a configurable property file as command-line input.
- High Performance: Utility can merge millions of records within minutes based on the network bandwidth



Use Case

Ad-hoc merges can be useful in implementation cycle where a partial volume of records need to be merged for a specific match rule or at times when source systems request merge for a batch of records identified internally as duplicate. With the help of this multithreading-based utility, users can provide a list of crosswalks or URIs to merge and complete the task in a very shorter duration as compared to a manual process.

Reltio Dataload Mapping Export Utility

Streamlining Mapping Migration with Dataload Mapping Export Utility

- Reltio Dataload Mapping Export utility is a java based generic utility.
- This utility can migrate new or updated dataload mappings for Reltio Console data loader across the Reltio environment.
- Utility enables user to perform following operations
 - Get all the existing mappings of source and target Reltio tenants
 - Migrate new mappings to any Reltio tenant
 - Migrate updates to existing mapping
- Compatibility: Works on any operating system or cloud platform.
- Generic: Requires a configurable property file as command-line input.
- Version Control: Utility empowers user to maintain version of mapping for multiple entity types and migration across the Reltio environments

Use Case

The primary focus of this utility is to support Implementation team in development and operations cycle. Users create numerous dataload mappings to load different entities, relationships and nested attribute for each source system. Reltio provides REST APIs to migrate mappings but manual process could be cumbersome and may lead to human errors specially while migrating updates to higher environments. This cumbersome migration process become a lot easier using the operations described above.

Customer Success Stories

- In the highly competitive world of banking, efficient data management is a cornerstone of success. For our valued client, a prominent credit union bank, merging person records via automated rules was a complex and resource-intensive challenge for a web portal driven data source. This is where Reltio Merge Utility has helped data stewards to review the match pair in the database and bulk merge them in a single click
- MDM implementation team of a person master project, faced a significant challenge. They worked for a large financial institution that relied heavily on Reltio MDM for managing their customer data. Over the years, the database had accumulated a vast amount of outdated and redundant records, causing data bloat and increasing operational costs. Team needed a solution to efficiently soft delete and hard delete these entities and relationship based on various criteria. Reltio delete utility came out as a prominent solution to cleanup bulk of entities and relationship records without causing data integrity issues.
- A valued client and a prominent player in the B2B industry, embarked on a journey to optimize its data quality and reliability via master data management (MDM) implementation. The customer faced a critical challenge of falsely merged records within Reltio MDM, due to miss configuration in the enrichment processes. They sought a solution “Reltio Un-Merge Utility” from Fresh Gravity to efficiently unmerge the list of falsely merged records.
- An implementation team from a Life Science Master Data Management project wanted a solution to export Reltio MDM data in normalized format during the implementation process. A ready-made tool was required to export data for match tuning and system integration process. Reltio export utility has helped the team to export data for both initial data export as well as incremental export to accomplish tuning of rules and quality assurance of the build.

Thank You

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