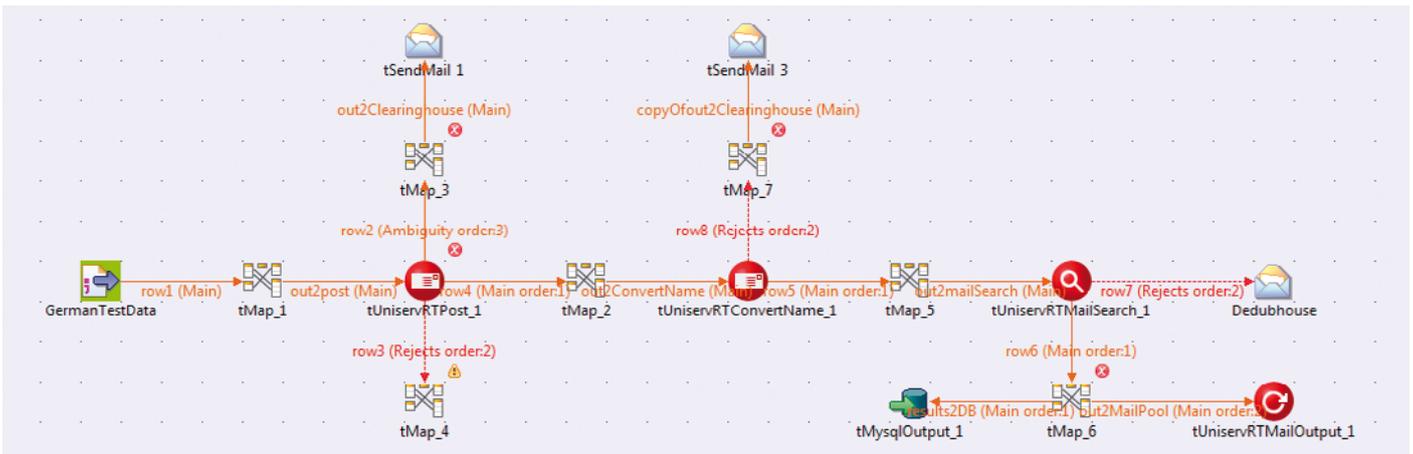


DQ-Connector for Talend

Talend Open Integration Solutions is the recognized market leader for open-source data integration software and one of the leading suppliers of open source middleware. The Uniserv DQ Connectors are available for Talend Open Studio for Data Integration, Talend Enterprise Data Integration and Talend Enterprise Data Quality. Uniserv thereby directly integrates data quality functions in typical data integration workflows. For example, Talend users now have the possibility of validating and cleansing data "on the fly" in their data integration projects or can fill a data warehouse or migrate CRM systems. The DQ Connectors from Uniserv enable Talend users to access data which is always up-to-date, uniformly structured and correct, also for complex and comprehensive integration tasks.



Typical data integration workflow with the Uniserv data quality functions directly in the Talend development environment.

AVAILABLE UNISERV COMPONENTS

RTmailBulk RTmailSearch RTmailOutput

RTmail: Prevention of duplicates in contact data.

BTGeneric

Provision of the complete Data Quality Services of the DQ Batch Suite.

RTconvertName

Convert analyzes and formats name Information in your contact data.

RTpost

Correction of incorrect or ambiguous addresses.

PERFORMANCES

- ▶ Prevention of duplicates in business partner data
- ▶ Different information on the same customer in different data records runs counter to the goal of a complete, single 360° view of sales, marketing, professional services and the help desk.

ADVANTAGES

Direct connection of the Uniserv real-time duplicate check „mailRetrieval“ without custom implementation with 3 dedicated Talend components:



RTmailBulk
for setting up
the search pool



RTmailSearch
for searching in
the search pool



RTmailOutput for deleting/adding or changing in the search pool

- ▶ Individually parameterizable matching rules
- ▶ Seamless integration of the duplicate check in the in-house system landscape
- ▶ Quick access to error-tolerant search for information directly in the ETL process
- ▶ Quick setup of a Uniserv Mailretrieval search pool
- ▶ Synchronisation with Mailretrieval search pool

FUNCTIONS

- ▶ Connection to the Uniserv real-time duplicate check „mailRetrieval“
- ▶ High-speed, error-tolerant and individually parameterizable check for possible duplicates
- ▶ The duplicate candidates are error-tolerantly compared with each other in the duplicate matching
- ▶ Simple setup of a Uniserv mailRetrieval search pool
- ▶ A duplicate check is started directly on initial data creation or a change in customer master data
- ▶ A list of duplicate candidates can be generated and displayed in your application for selection

PREREQUISITES

- ▶ Minimum Talend Open Studio for Data Integration V 4.2.0
- ▶ Uniserv Software: the error-tolerant address retrieval, mailRetrieval

DQ Batch Suite



BTGeneric

PERFORMANCES

- Provision of all the data quality services of the Data Quality Batch Suite with the Talend component tUniservBTGeneric
- Seamless connection without custom implementation

ADVANTAGES

- Validation and check of large volumes of stored data in batch mode
- Very high performance in postal correction as well as duplicate detection and other Data Quality Services

FUNCTIONS

- Direct filling of the DQBT job from Talend
- Direct further processing of the results of the DQBT in Talend
- Easy integration of the DQ functions in your ETL process

PREREQUISITES

- Minimum Talend Open Studio for Data Integration V 4.2.0
- Uniserv Software: Data Quality Batch Suite with the required DQ functions

convertName



RTconvertName

PERFORMANCES

- convert-Name analyzes and decomposes name information
- Enables standardized mapping of name elements such as first name, surname, form of address and title in the destination system

ADVANTAGES

- Order of the first name and surname plays no role in the input
- Name line is divided into various elements
- Legal form analysis of company names

FUNCTIONS

- Parsing of name lines
- Formatting of name lines

PREREQUISITES

- Minimum Talend Open Studio for Data Integration V 4.2.0
- Uniserv Software: convert-Name Realtime for the required countries

PERFORMANCES

- Correction of incorrect or ambiguous addresses directly in the ETL process
- Simple connection of all expert countries of the Uniserv postal validation

ADVANTAGES

- Direct connection of the Uniserv Real-Time Services without custom implementation.
- Simple integration of a high-quality postal correction directly in the transformation process.

FUNCTIONS

- Connection to the international address validation of Uniserv
- Correction of bad address components
- Implementation of a hybrid solution (local installation vs. cloud services)
- Outsourcing of ambiguous addresses with alternatives offered
- Enrichment of additional address features (town district, municipality key, etc.)

PREREQUISITES

- Minimum Talend Open Studio for Data Integration V 4.2.0
- Uniserv Software: the postal validation system, post (for the required countries) or the SaaS system from Uniserv as an alternative

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