ADASTRA

Cloud migration acceleration

powered by

Adele

OpenAI

What is Adele

Adele Front End

Data mapping generator

- Experimental
- Using generative AI
- In development

OpenAI

ETL Re-platforming accelerator and ETL generator

Metadata parsing & processing

Generic conversion framework

Conversion plugins

- PL/SQL to Azure Data Factory
- PL/SQL to pySPark
- T-SQL to pySPark
- Informatica to Azure Synapse
- ...

Adele Back End

Informatica to Microsoft Synapse conversion

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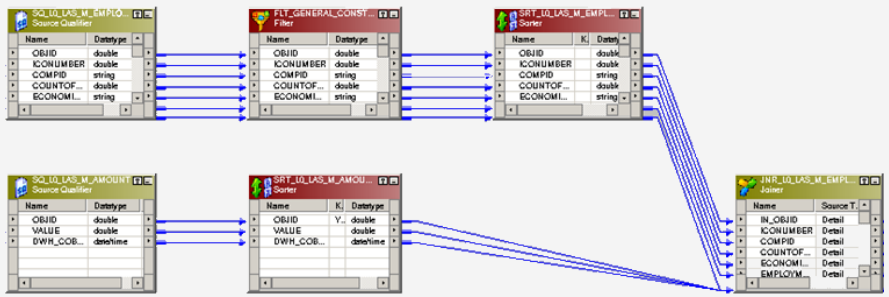
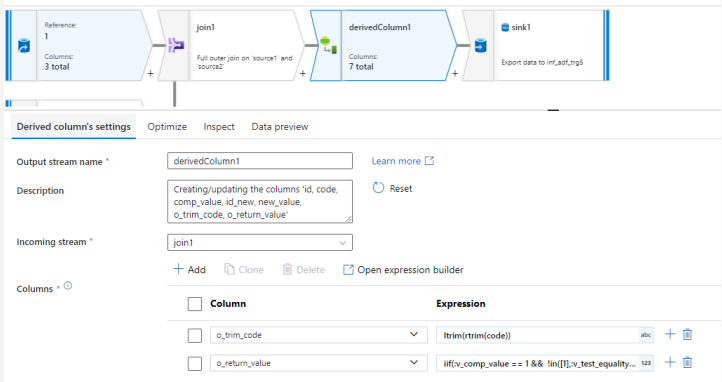
- key differentiator in Cloud Migration projects
- saves huge amount of effort associated with conversion from On-Prem Informatica to Microsoft Synapse data flows
- capable of automatic migration Informatica specific ETL patterns like local variables, mapping overrides, non resettable sequencers, Stored procedures etc.



```
source1 derive(o_batch_id = :v_batch_id,
        o_run_id = :v_run_id,
        v_batch_id := batch_id_lookup#lookup("R").run_id,
        v_run_id := run_id_lookup#lookup(:v_batch_id).batch_id) ~> derivedColumn1
runtable sink(validateSchema: false,
    skipDuplicateMapInputs: true,
    skipDuplicateMapOutputs: true,
    keys:['status'],
    store: 'cache',
    format: 'inline',
    output: false,
    saveOrder: 1) ~> batch_id_lookup
logtable sink(validateSchema: false,
    skipDuplicateMapInputs: true,
    skipDuplicateMapOutputs: true,
    keys:['log_id'],
    store: 'cache',
    format: 'inline',
    output: false,
    saveOrder: 1) ~> run_id_lookup
```



Adele cloud migration accelerator with automated ETL re-factoring saving +90% cost

Re-platforming and refactoring accelerator

Legacy data solution

(warehouses, lakes, datamarts, calculations, reports, models, ...)

ORACLE

Microsoft

Informatica

hadoop

IBM DataStage

teradata.

1. Understand the legacy solution
2. Simplify and declutter
3. Re-design
4. Re-platform to target technology

Target (cloud) data solution

(modern warehouses, lake houses, data pipelines, data ponds)

Azure Data Factory

Azure Synapse Analytics

APACHE Spark

OpenAI

Thank you

Lubomir Maslik

Division Director, Adastra

Lubomir.Maslik@adastragrp.com

www.adastracorp.com