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SaaS based integration platform for data transformation

Simplify data extraction and integration with BY Luminate applications.

Introduction

SaaS Based integration Platform is a Data Extraction and Transformation Framework connecting multiple disparate Source Systems to the BY Luminate Platform Applications. This Integration Platform was developed mainly for Transforming Native Data Sets to Flexible Data Sets Ex. Avro Files which can significantly bring down the Total Load, Process and Transfer Time of Millions of Records.

About the solution

The Transformation SaaS Adapter is an Interface Application which is developed for Luminate Solutions with the Complete Framework developed on SaaS Solution. It has the ability to Directly Integrate with any BY Luminate Solution via Conventional API Process or through the newly introduced BY Data Platform. The data can be received from Source Systems into Staging Tables, Massaged and Transformed as per defined Business Logic and Converted to Files Formats ranging from Native Data Sets Like CSV to More Transformed Avro files for Integration to Target Systems on Cloud Systems.
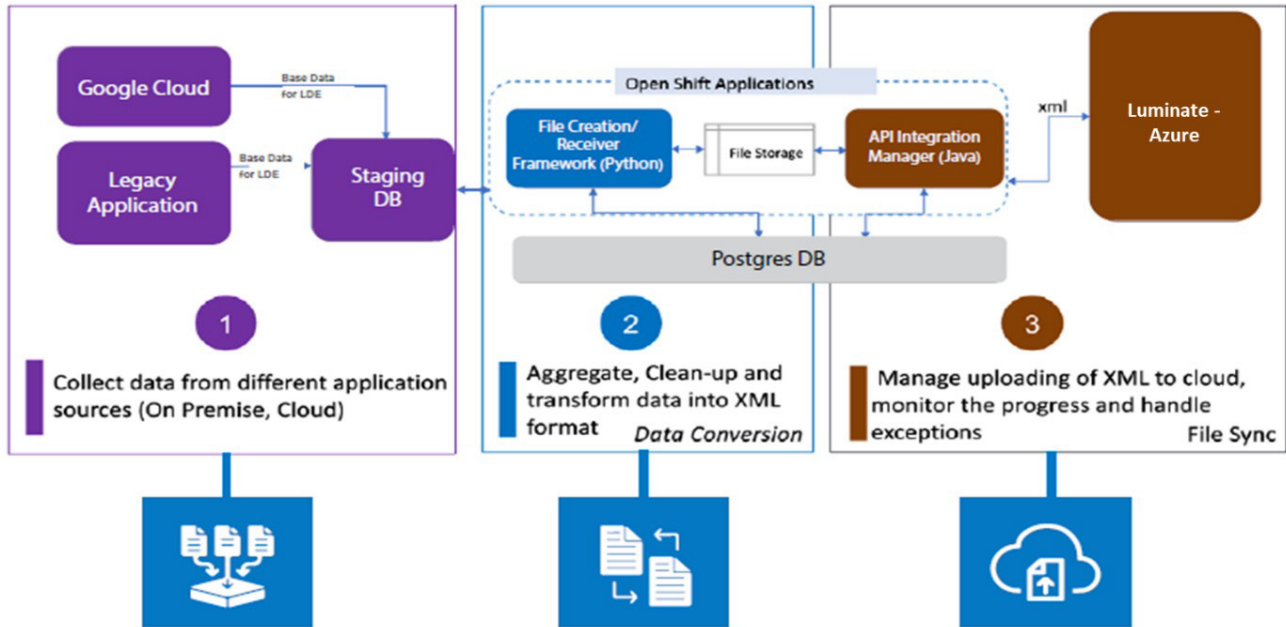
Solution highlights

1.

It collects data from data application sources

2.

Aggregates, Cleans up & transforms data into Target Source Specific Data Formats Ex-XML/Avro Format (Data Conversion)
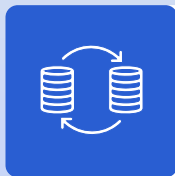
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3.

Solution helps more than 80% Reduction Effort Data Loading, Transforming and Integration to Target Systems along with Monitoring Batch Checks and Error Handling Exceptions.

Business highlights

Low Implementation Cost

Seamless Integration via API or BY Data Platform

Robust and Scalable Solution when it comes to Processing Record Sets in Millions – This Solution shows 80% Faster Data Transformation Integration to Target BY Luminate Systems

Reusable Integration framework across any BY Luminate Platforms

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