

Collibra – SAP HANA Integration

Overview

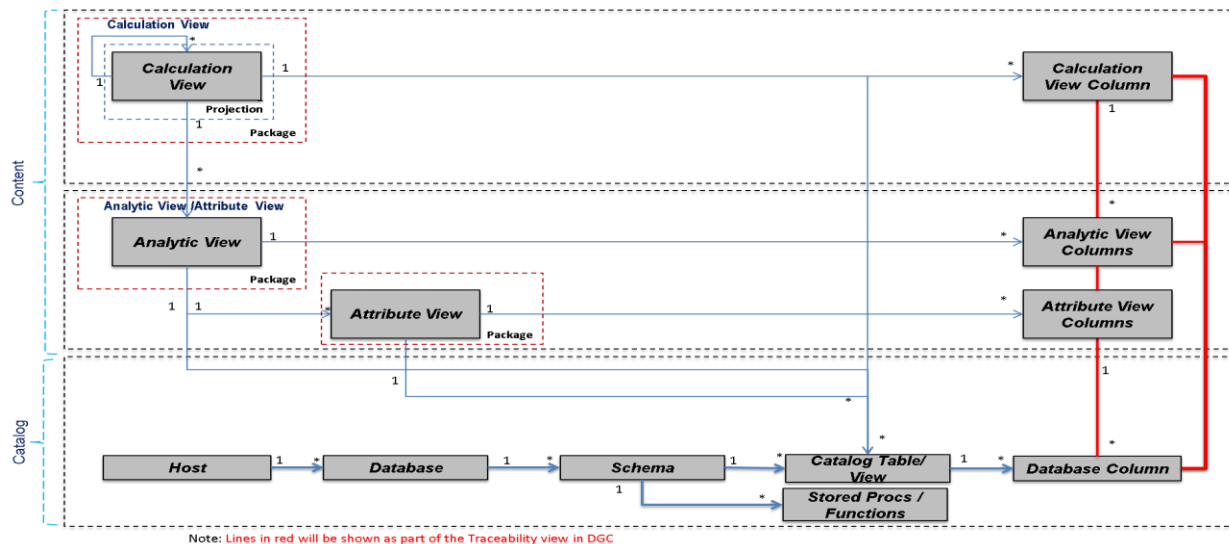
Lucid's Collibra-SAP HANA metadata integration ingests the SAP HANA catalog and information view metadata into Collibra DGC.

Some key features:

- Asset extraction can be filtered based on Host, Database, Schema (for Catalog), Package (for Content)
- Target community in DGC for loading the assets can be specified
- Source metadata is mapped to DGC asset types as indicated in the diagram below
- Modification and Delete of the source (SAP HANA) metadata are automatically captured and can be used to trigger actions in DGC such as asset status change, asset management workflows, etc.
- Support for full and incremental loads for Content and Catalog objects. Incremental loads can load changes since the last successful execution (both Catalog and Content) or from a specific date passed as a parameter (Content only)
- Metadata loads can be scheduled or triggered on-demand

SAP HANA versions Supported: version 1.0 SPS 10, SPS 11, SPS 12; version 2.0 (excluding support for HDI Containers/ Info views developed using WebIDE) SPS 01, SPS 02, SPS 03

Assets and relations that will be loaded into DGC:



Key Use case(s)

- Column-level lineage for columns in the Information views to their source in the SAP HANA catalog
- Ability to do impact analysis of changes to the catalog or the Information views on the dependent objects

Version

3.0

Supported Features

- The SAP HANA metadata integration ingests the following HANA metadata into Collibra:
 - Information views (Calculation, Analytical and Attribute views), Catalog objects (Column, Table, View Schema and Database)
 - Dependencies across all views including nested views
 - Column Level Lineage from Information Views (through multiple levels of dependencies) to HANA Catalog Base Tables/Views with transformation logic
 - Parsing expressions in Calculation views
 - Packages
 - Projections
 - Stored Procedures and Table Functions (SQL text provided as an attachment)
- Organizing the Information view assets as per the Package hierarchy
- Support for following additional attributes for Information views
 - Label
 - Column Type
 - Is Hidden
 - Aggregation Type
- Support for ingesting additional metadata for Calculation views via custom attributes provided as a JSON in the comments section of the “Semantics” node of the Calculation view
- Support for Calculation View built using scripts – created in Collibra with SQL script as attachment
- Attribute to differentiate Calculation View Types - Script or Graphical
- Support for DUMMY tables
- Column comments from HANA loaded as description of the corresponding assets in Collibra
- Configuration Setting to load or ignore default description
- Capture date of last modification of metadata assets in source
- Support for SAP HANA object names with special characters
- Option to configure load of catalog schema “_SYS_BI”
- Separate end points to delete of Schemas and Packages
- A flag - "Is Partially Loaded", added to the assets to denote if the ingested assets' mandatory characteristics are available or not
- Email notification for Execution Summary including status and asset counts
- Configurable “Email Subject” and “Email Content” for mail notifications
- REST APIs secured with Basic authentication
- All configurable properties for the integration managed in DGC using custom configuration assets

Unsupported Features:

- Field mapping for Info views that are not captured in either SYS_REPO.ACTIVE_OBJECT or in _SYS_REPO.INACTIVE_OBJECT
- View definitions SQL or Stored procedures/Functions are not parsed. However, custom extension of integration can be built to support 3rd party SQL parsing tools
- Support for Analytic Privileges
- Support for Schema mapping (mapping between the authoring and physical schema)
- Hierarchy and Level of Attribute views
- HDI Containers/Info View created using WebIDE

Editions and feature comparison

The integration is offered on an annual subscription basis. A free trial subscription is also available.

Feature	Trial	Standard
Licensing	Free	Annual Subscription
Validity Period	15 days	1-year
Number of deployments allowed	1 Non-Prod	1 Prod + 1 Non- Prod
Support for all functional features listed in Supported Features	Yes	Yes
Limit on number of assets loaded	Yes	No
Documentation (1) Installation & Configuration Guide (2) Support Guide	Yes	Yes
Training included: 2 hours of virtual sessions for install/config (or) troubleshooting	No	Yes
Helpdesk/Support	No	Email-based support (Request logged through Support Portal - https://lucidtechsol.freshdesk.com/support/login)
Support response SLA	NA	1 business day
Custom Extensions	NA	Not supported*
Pricing	NA	Contact Lucid

* No custom extension requests are supported as part of the subscriptions. However, can be separately considered for a one-time fee, with on-going support attached to the subscription.

Pre-requisites / Dependencies

Prerequisites for this integration with the product versions currently supported:

- Lucid Easy Connections v2 Metadata Integration Platform for Collibra
- Collibra Data Governance Centre v5.7.x, Collibra Cloud 2021.x

Note: *The integration has been tested and certified by Lucid to work against specific versions of Collibra and the Metadata source system. As newer versions of Collibra and the metadata source system are released, Lucid will test and certify the integration as part of support. Please note if Collibra or the metadata source system fundamentally change their approach on how metadata is exposed, extracted or ingested, enhancing the integration to support these newer approaches might not always be possible, in which case the current subscription may not automatically support the new version. However, Lucid will make all efforts to provide an upgrade option to support the new versions at the earliest.*

Demo video

- Visit <https://youtu.be/8sWicONODWg>

To Subscribe / know more / request a demo

- Email us at: collibrainfo@lucidtechsol.com