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Birlasoft Reference Data Management Solution

Improve Reference Data Quality and Visibility by
Harnessing Oracle Enterprise Data Management Cloud

Overview

Reference data is typically a set of industry standard codes or values that is primarily used as a means of classification. Organizations adopt them to cater to their transactional and analytical needs. Reference data is the most widely shared class of data in most organizations merely because the very nature of this data set that signifies prevalence across multiple systems. Some of the examples of reference data are UOM, country codes, product classification codes, packing units, postal codes, and currency codes etc.

Business Challenges

- Modern reporting and analytics capabilities demands better management of reference data when combining data from different tools, systems and solutions

- The applications usually remain isolated within their own solution towers and lack standardization in representation

- During new application development, random data values are chosen as reference data as per user's need, which leads to a mismatch of data sets of other applications

- Inconsistency in reference data set values across multiple applications, makes it difficult to get sensible reporting and analytics

- Most organizations end up adding a limited number of mappings to their data warehouse layer for one or two attributes and a few core solutions and these are typically manually maintained

- The data values for reference datasets can be volatile and change without notification, which causes reporting and analytics break-down

Birlasoft Solution

1 Document where and how reference data attributes are used

2 Creation of mappings tables to link common values across solutions

3 Collection and mapping of reference data values

4 Development of a standard process for maintaining the data

5 Manage reference data mappings

6 Enable reference data governance

Key Features

Application and Master Perspectives

Simplified, Rich User Interface

Request-driven, recorded actions

Change visualization

Hierarchy Management

Compare & Rationalize

Change Audit

Packaged cloud app integration

Complex data types

Key Benefits

Improved data set consistency and reporting alignment because of a systemic and systematic mechanism to share and align enterprise reference data across applications

Centralize maintenance for all reference data set and thereby eliminate duplicative maintenance across systems

Provide comprehensive mechanism to quickly assimilate acquisitions and corporate re-orgs since user can centralize all data sets across companies and simulate results

Support multiple, concurrent varying roll-ups since it is easy to create and manage alternate hierarchies

Immediate visibility of all reference data set value changes with audit history

Implementation Methodology

Reference Data Management require focus on below areas

Focus	1 Source Data Collection	2 Finalize Standard Reference Data Set	3 Reference Data Value Mapping	4 Reference Data Accountability Governance	5 Reference Data Sync
Approach	Extract and collect reference data from required applications and analyze usage from their owners	Profile, analyze value sets/values and identify common values for rationalization where possible	Define mapping between every application attribute	Define accountability/ RACI for ongoing reference data maintenance	Define ongoing reference data sync process across application
	Obtain values from custom objects and reference tables from identified applications	Assist in building common consensus across application for standard reference data	Define cross reference mapping for values across applications	Involve right stakeholders for reference data gathering	Define process of publishing reference data for reporting and analytics tools

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