



Document:

Hyperion Financial Data Quality Manager (FDM)

Description:

This document provides a brief introduction about Hyperion Financial Data Quality Manager (FDM).

History:

Version	Description Change	Author	Publish Date
0.1	Initial Draft	Rahul K	24-Apr-2011
0.1	Review Level 1	Amit Sharma	26 th Apr 2011

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What is Hyperion FDM?

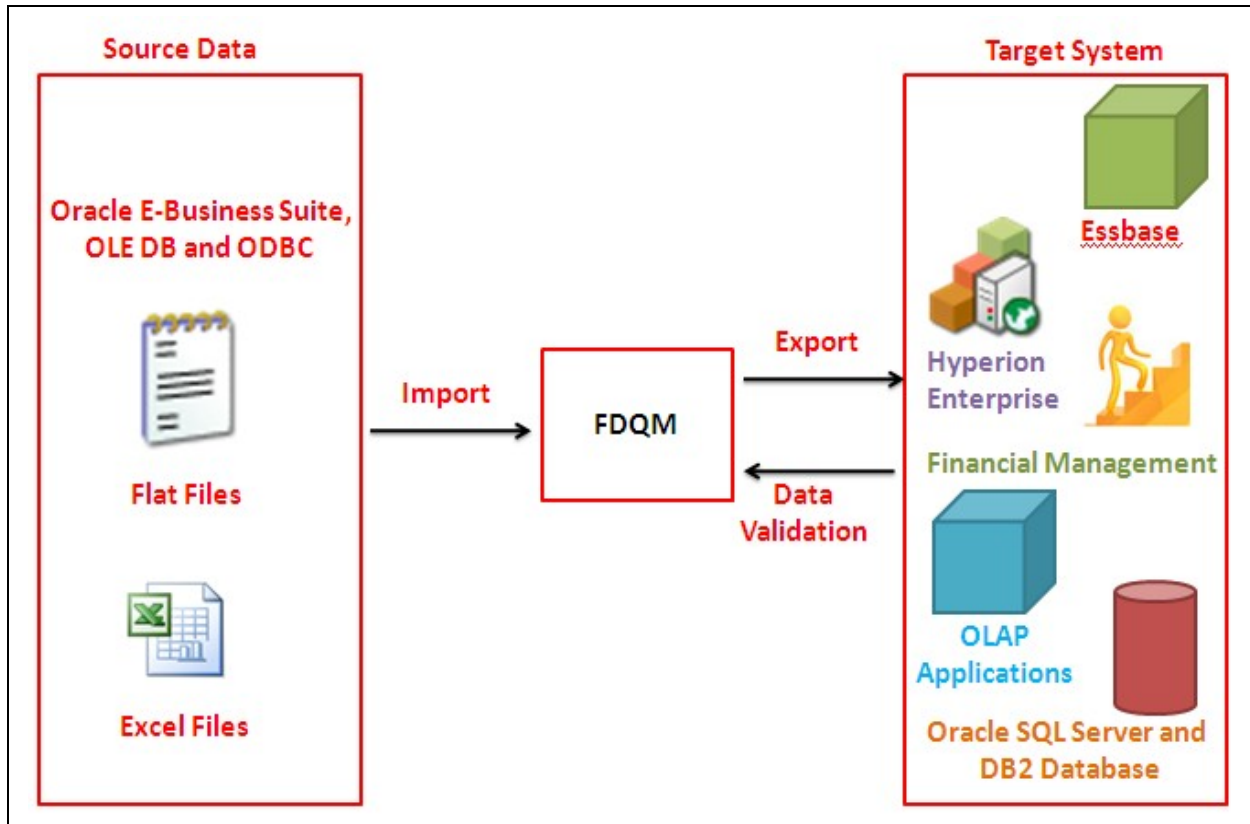
FDM is a packaged application for Financial Data movement from any data source to any Hyperion application (Enterprise, HFM, Essbase, Planning, etc.)

Hyperion's FDM Application provides a single, systematic process for loading source data from source systems into a target application. Hyperion FDM Applications are designed to provide data visibility, integrity, and verification for uploading financial reporting information to EPM applications. Extensibility, ease-of-use, stability, and performance are critical success factors to leverage business and IT investment in Hyperion FDM.

Features

- Archives all dimensional mapping from sources to target
- Complete transparency / audit trail for all data and user processes
- Built for business users to administer and maintain
- Web-based, guided workflow interface helps users easily create timely, accurate financial data management processes.
- Data validations and quality checking at every step in the process.
- Over 100 ready to use audit, log, system, and process management reports.
- Ability to incorporate Sarbanes Oxley Act 302 Sub-certification and 404 Sub-Assessments in closing process.
- Pre-packaged EPM adapters to reduce integration cost and data mapping complexities.
- Data preparing server aids the integration and validation from the source system.

Overview



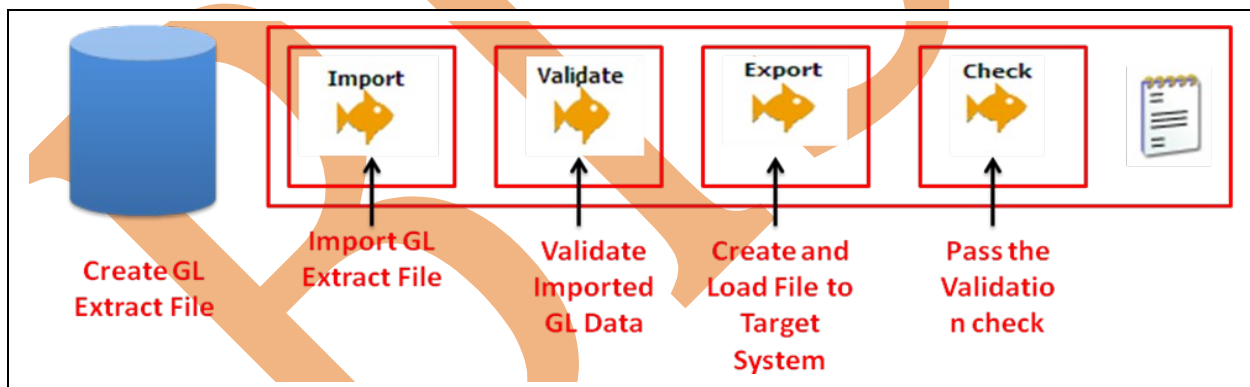
Why FDM

- Reduction in Data Mapping Errors & Data Inconsistency.
- Absence of Quality Validation Processes in other systems.
- Duplicate Data reduction.
- No Auditability/Accountability for data with other systems.
- Oracle Hyperion Financial Data Quality Management streamlines the time consuming task of manual data.
- Reconciliation by automating and verifying data submissions.
- Complete audit trails from trial balance to report give users a transparent, intuitive view of data and processes.
- A Web-based user interface enables business users to load, review, and verify data for any target system.

- Guided workflow helps users create sophisticated data mappings and repeatable processes.
- Support for multi-GAAP (IFRS) reporting and reconciliations.
- Along with a data preparation engine, Oracle Hyperion Financial Data Quality Management delivers prepackaged adapters that make it easy to integrate and map data. These adapters connect directly to applications within the Oracle enterprise performance management system, and can connect directly to many transaction systems as well, enabling you to save time and reduce IT costs while managing the integrity of your data.

Data Processing Overview

- Import source data.
- Validate source data against mapping tables.
- Export source data to target system.
- Consolidate target system data.
- Check target system data.
- Review and validate the company's internal financial controls.



Importing Source Data

1) Click Upload File

2) Browse for Load File

3) Click Import

4) Imported Data for Texas Location

Source FHM Entity	Source FHM Account	Account Description	Source ICP	Source Custom1	Source Custom2	Source Custom3	Source Custom4	Amount
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,731.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	2,077.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,796.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,932.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,691.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,736.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,713.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,448.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,826.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	2,160.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	1,669.00
ENGLAND	CAPITALSTOCK		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	2,106.00
ENGLAND	CASH		[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	470,624.00

BIRD

Validating Dimension Mappings

Click Validate to validate the imported source data against the location mapping tables and target system application intersections.

The screenshot displays the Oracle Hyperion Financial Data Quality Management (FDM) interface. The top navigation bar includes 'File', 'Workflow', 'Activities', 'Analysis', 'MetaData', 'Tools', 'Administration', and 'Help'. The main workspace is titled 'Validate' and contains buttons for 'Import', 'Validate', 'Export', and 'Check'. Below these buttons, there are 'View Options' and a 'Period' dropdown set to 'Apr - 2011', along with a 'Category' dropdown set to 'FDM ACTUAL'. A 'Validate' button and a 'View File' button are also present. A table titled 'Export to Excel' is displayed, showing a list of accounts and their corresponding values and trends. The table has the following columns: FM Entity, FM Account, View, ICP, Custom1, Custom2, Custom3, Custom4, and Amount.

FM Entity	FM Account	View	ICP	Custom1	Custom2	Custom3	Custom4	Amount
STAMFORD	SHORTTERMPAY	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	51,900,128
STAMFORD	SHORTTERMRECEIVABLES	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	149,000
STAMFORD	TANGIBLEASSETSDEPREC	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	76,646
STAMFORD	TANGIBLEASSETSDEPREC	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	866
SUNNIVALE	CAPITALSTOCK	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	1,929
SUNNIVALE	CAPITALSTOCK	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	17,616,623
SUNNIVALE	CASH	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	3,079,487
SUNNIVALE	CASH	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	MOVEMENT	-38,301
SUNNIVALE	INVENTORIES	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	8,827
SUNNIVALE	INVENTORIES	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	10,774,7857
SUNNIVALE	LONGTERMPAY	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	57,238,959
SUNNIVALE	SHORTTERMDEBT	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	10,000
SUNNIVALE	SHORTTERMDEBT	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	43,615,131
SUNNIVALE	SHORTTERMINVEST	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	5,000
SUNNIVALE	SHORTTERMINVEST	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	INCREASES	27,500
SUNNIVALE	SHORTTERMPAY	YTD	[ICP NONE]	[NONE]	[NONE]	[NONE]	DECREASES	75,990,05

The interface also shows a 'Page (1 of 1) 1' indicator and a status bar at the bottom with the text: 'admin | basic | TEXAS | Apr - 2011 | FDM ACTUAL | ACTUAL | Global | Locked | FM11X-G5-C'.

Correcting Mapping Errors

Validation Error

Period: Apr - 2011 Category: FDM ACTUAL

Dimension: FM Account Source Value: ADMINEXPENSES

Target FM Account: CAPITALSTOCK

Loading Data to Target Systems

Export file was successfully created.

Target System Load

File: TEXAS04.Dat

Load Method: 0 - Replace

Load Operation: 0 - Load

Accumulate In File

File Has Ownership Data

Entity	Account	YTD	Amount	Status
ENGLAND	CAPITALSTOCK	YTD	2,160.00	DECREASES
ENGLAND	CAPITALSTOCK	YTD	19,725.00	INCREASES
ENGLAND	CASH	YTD	5,663,444.00	INCREASES
ENGLAND	CASH	YTD	-1,284,639.00	MOVEMENT
ENGLAND	INVENTORIES	YTD	15,035.00	DECREASES
ENGLAND	INVENTORIES	YTD	24,064.00	INCREASES
ENGLAND	LONGTERMPAY	YTD	64,103.00	INCREASES
ENGLAND	SHORTTERMDDEBT	YTD	11,200.00	DECREASES
ENGLAND	SHORTTERMDDEBT	YTD	48,844.00	INCREASES
ENGLAND	SHORTTERMDWEST	YTD	5,600.00	DECREASES
ENGLAND	SHORTTERMDWEST	YTD	27,600.00	INCREASES
ENGLAND	SHORTTERMPAY	YTD	85,102.00	INCREASES
ENGLAND	SHORTTERMPAY	YTD	74,564,735.00	INCREASES
ENGLAND	TANGIBLEASSETSDEPREC	YTD	59,181.00	DECREASES
ENGLAND	TANGIBLEASSETSDEPREC	YTD	1,057.00	INCREASES
ITALY	CAPITALSTOCK	YTD	1,929.00	DECREASES
ITALY	CAPITALSTOCK	YTD	57,956.00	INCREASES

Checking Validation Rules



Texas Validation Rules

Validation Group: **North America**

Location: Texas
Category: Actual
Period: January

Pass

NA

Major Accounts

Account	Value
TOT_NET_SLS - Net Sales	61,701,800.00
GR_PROFIT - Gross Profit	16,176,800.00
NET_INC - Net Income	3,972,554.15

Validation Rules

OK	Rule Name	Rule Definition	Value
	TB Check	TB must be 0	0.00

Focus on Data Quality

- Companies are using multiple target systems which require multiple data sources and levels of detail
- Companies are increasingly using tax systems and data warehouses that require financial data
- With these changes, companies are looking at the following items:
 - Reducing redundant loads
 - Requiring Data Quality on all of these submissions

Advantage

- Increase your financial data quality and confidence in the numbers.

- Simplify financial data collection, transformation, and verification process.
- Centralize and standardize repeatable financial processes.
- Lower the cost of compliance with Sarbanes-Oxley legislation.
- Improve the productivity of finance staff.
- Reduced dependency on IT support staff.
- Uniform data collection process
- Additional functionality to assists in financial control processes.
- Reduces Risk
 - Transparency into data and processes
- User Friendly Interface
 - Out of the box application approach
 - Web Architected
- More Efficient
 - End Users load quickly
 - Questions answered
- Flexible
 - Can read any file from any system
 - Validation rules by location to ensure quality
 - Captures all the supplementary data
 - Seamless Compatibility with HFM, Enterprise, Planning, Essbase, HSF

Business Case for FDM

- Varying levels of data detail
- Standardization of data loading to different target systems (BI, Tax, Consolidations)
- Centralized data repository
- Audit trail detail is maintained
- Varying data loading methods (manual v/s. automated)
- Source and target analytic capabilities across systems
- Improved ROI – consistent data approach

Traditional and Emerging Uses of Hyperion FDM

Hyperion FDM for Consolidations

- Companies originally purchased FDM for the benefits associated with loading to a consolidation system
 - Controlled process

- Ownership and responsibility on sites for their data
- Data Quality – Data has to be right and Actual data has increased Sarbox requirements
- Submission of Trial Balance and Supplemental information
- Sarbox Requirements
- Hyperion FDM was designed to handle loading from multiple sources and users.

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