



Data Transformers

THE MONTHLY WEBINAR SERIES

Customer Experience Implementing FDM Classic v. FDMEE

Jessica Benbow

Practice Lead, Consolidations & Reporting

About Us

MindStream Analytics is a leading consulting and managed services provider with a proven track record for helping leading global companies address their enterprise challenges, focused on delivering sustainable profitability and competitive advantage.

Data is a new economic asset that is rapidly expanding and changing. You're challenged to figure out how to use it to your organization's advantage. We work collaboratively with our clients and bringing innovative strategies that enable organizations to gain competitive edge and win with data.

MindStream has been recognized by *CIOReview* in November 2015 as a 100 "Most Promising Oracle Solutions Provider," ProformaTech for our innovation, and others for our innovative thinking and business analytic applications expertise. In 2015, MindStream was named by MSPmentor as a "Top 501 Managed Services Provider."



About Me

- Jessica Gulliver
- Design Lead, Consolidations & Reporting at Mindstream Analytics
- 12+ HFM Implementations
- BS in Accounting



FDMEE Overview

- Financial Data Quality Management, Enterprise Edition (FDMEE) is the combination of FDM Classic and ERP Integrator (ERP i)
 - FDM Classic released in 2000
 - ERP i introduced with version 11.1.1.3
 - FDMEE 11.1.2.3 released Q2 2013
 - FDMEE 11.1.2.4 currently available
- FDM Classic no longer available with 11.1.2.4 release
- If you own FDM, you own FDMEE
 - Adaptor licensing is the same
 - HFM Adaptor
 - Adaptor Suite
 - SAP Adaptor

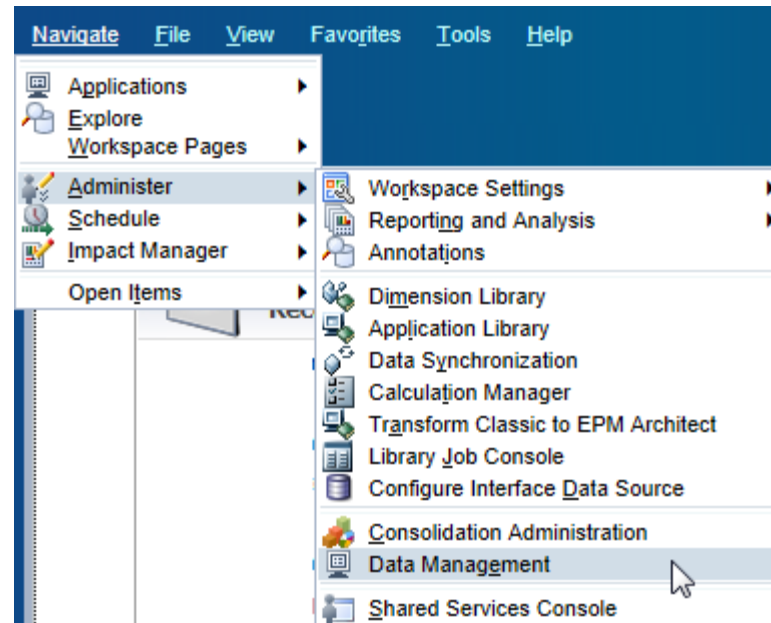


Source System Integration

Source	Version	Data	Metadata	Drill-Through	Write-back
EBS Financials	11i/12x	Yes	Yes	Yes	Yes
PeopleSoft Fin PeopleSoft HCM	9.X	Yes For PSPB	Yes For PSPB	Yes No	Yes No HCM data
Fusion Financials	11.1.x	Yes	Yes	Yes	Yes
JD Edwards Fin Tools	9.0, 9.1 9.1.x	Yes	No	Yes	No
SAP Financials SAP BW	4.6c, 4.7, ECC 6, 7.0+	Yes	No In 11.1.2.4+	Yes	No

GUI Differences

- The look and feel has changed dramatically
- Accessed through the same Workspace HFM and Planning are accessed
- Menu options and set up have been updated
- The Fish live!



ORACLE® Oracle Hyperion Financial Data Quality Management, Fusion Edition



Data Load Workbench

- On One Screen
 - Source / Target same screen
 - Perform Multi Column filters
 - Supports wildcards
 - Customize View, including attributes
 - Export to Excel
 - Must be on last row of view
 - Invalid Data
 - Ignored Data
 - Offline Mode processing

Enhanced Workbench

- Source / Target same screen
- Multi Column Filters

Load Data

View	Format	Show	Download Template	Load Journal				
	Source-ENTITY	Entity	Source-ACCOUNT	Account	Source-ICP	ICP	Source-SUBPRIME	SubPrime_I
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235
--	82901	LE_82901	74550_70235	74550	[ICP None]	[ICP None]	70235	SP_70235

Load Data

View	Format	Show	Download Template	Load Journal				
			37*				3101	
	Source-ENTITY	Entity	Source-ACCOUNT	Account	Source-ICP	ICP	Source-SUBPRIME	SubPrime_I
--	98911	LE_98911	37000_53101	37001	[ICP None]	[ICP None]	53101	SP_53101
--	98321	LE_98321	37000_83101	37001	[ICP None]	[ICP None]	83101	SP_83101
--	98311	LE_98311	37000_53101	37001	[ICP None]	[ICP None]	53101	SP_53101
--	98321	LE_98321	37000_53101	37001	[ICP None]	[ICP None]	53101	SP_53101
--	98911	LE_98911	37000_83101	37001	[ICP None]	[ICP None]	83101	SP_83101
--	98321	LE_98321	37000_53101	37001	[ICP None]	[ICP None]	53101	SP_53101

Enhanced Workbench

- Customize Views, including attributes
- Export to Excel*

Load Data

View

Format

Show


Download Template

Load Journal

Freeze

Detach

Wrap

			37*							
	Source-ENTITY	Entity	Source-ACCOUNT	Account	53101	Source-ICP	ICP	SubPrime_I	S	
--	98911	LE_98911	37000_53101	37001	Source-SUBPRIME	[None]	[ICP None]	SP_53101	0	
--	98321	LE_98321	37000_83101	37001	53101	[ICP None]	[ICP None]	SP_83101	0	
--	98311	LE_98311	37000_53101	37001	83101	[ICP None]	[ICP None]	SP_53101	0	
--	98321	LE_98321	37000_53101	37001	53101	[ICP None]	[ICP None]	SP_53101	0	
--	98911	LE_98911	37000_83101	37001	53101	[ICP None]	[ICP None]	SP_83101	0	
--	98321	LE_98321	37000_53101	37001	83101	[ICP None]	[ICP None]	SP_53101	0	

53101

	A	B	C	D	E	F	G	H	I	
1		Source-ENTITY	Entity	Source-ACCOUNT	Account	Source-SUBPRIME	SubPrime_I	Source-ICP	ICP	Sou
2	--	98911	LE_98911	37000_53101	37001	53101	SP_53101	[ICP None]	[ICP None]	
3	--	98321	LE_98321	37000_83101	37001	83101	SP_83101	[ICP None]	[ICP None]	
4	--	98311	LE_98311	37000_53101	37001	53101	SP_53101	[ICP None]	[ICP None]	
5	--	98321	LE_98321	37000_53101	37001	53101	SP_53101	[ICP None]	[ICP None]	
6	--	98911	LE_98911	37000_83101	37001	83101	SP_83101	[ICP None]	[ICP None]	
7	--	98321	LE_98321	37000_53101	37001	53101	SP_53101	[ICP None]	[ICP None]	

Enhanced Workbench

- View Invalid records /
- View Ignored

Load Data

View Format Show Download Template Load Journal Freeze Detach Wrap

Valid Data
Invalid Data
Ignored Data
All Data

Source-ENT	Source-ACCOUNT	Account	Source-ICP	ICP	Source-SUB
-- 32301	37000_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54201	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54201	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54201	37000_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54301	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54301	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54301	37000_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54401	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54401	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 32301	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 32301	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54301	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54401	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54401	30100_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54401	37000_00000	IGNORE	[ICP None]	[ICP None]	00000
-- 54301	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54501	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 32301	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 32301	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54101	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54101	30100	IGNORE	[ICP None]	[ICP None]	00000
-- 54501	30100	IGNORE	[ICP None]	[ICP None]	00000

Enhanced Workbench

- Offline Mode Processing

Execution Mode Option

Export Mode: Replace

Execution Mode: Offline

OK Cancel

Information

A process has been submitted for extraction.
Process Id: 4269 Extract Id: 3391501

OK

View Refresh Reset Status Detach

Process ID	Status	Log	Location	Process Name	Rule
4270	✓	Show	H_1213TyJVCISL_LU	Data Load	LR_H
4269	✓	Show	H_12_13AllGlbMap_LU	Data Load	LR_H
4252	✓	Show	H_DATAARECN_TEST	Data Load	LR_JL
4251	✗	Show	H_DATAARECN_TEST	Data Load	LR_JL
4249	✗	Show	H_DATAARECN_TEST	Data Load	LR_JL
4229	✓	Show	B_12_13AllGlbMap_LU	Data Load	LR_E
4216	✓	Show	B_12_13_TAIWAN_LU	Data Load	LR_E
4215	✓	Show	E_12_15_CurrChg_U	Data Load	LR_E
4214	✓	Show	E_12_15_China_JV	Data Load	LR_E
4213	✓	Show	B_12_13_KORFA_LU	Data Load	LR_E

Columns Hidden 2

Process Step

View Detach

Status	Process Step
✓	Export balance data to Financial Management application GLBLHFM
✓	Load balance data to Financial Management application GLBLHFM
✓	Create drill region HFM_DRILL_REGIONS
✓	Consolidate data for Financial Management application GLBLHFM

Data Load Rule

- Concept that was originally utilized in ERPi
- Similar to the 4th dimension of the POV
 - Location
 - Period
 - Category
 - Load Rule
- Allows for single click Workflow processing Import > Check
- Can process multi period files at once
 - Does not need to adhere to the target calendar Start/End

Data Load Rule Execution

Data Load Rule

Data Rule Summary

View ▾ + Add ✕ Delete ↻ Refresh Edit Integration Options Show ▾ Detach **Execute**

Status	Name	Category	Description
✓	LR_DEC-2014	ACTUAL	
✓	LR_G02_APR-2014	ACTUAL	
✓	LR_G02_AUG-2014	ACTUAL	
✓	LR_G02_FEB-2014	ACTUAL	
✓	LR_G02_JUL-2014	ACTUAL	

Details

Name LR_DEC-2014
Category ACTUAL
File Name Select
File Name Suffix Type
Import Format

Execute Rule

Import from ☒ Source
Recalculate ☒
Export to Target ☒
Execute Check ☒
* Start Period JAN-2015 ▾
* End Period DEC-2015 ▾
Import Mode Replace ▾
Export Mode Replace ▾
Run Cancel

Mapping

- Multi Dimensional
 - Similar to VarValues but does not require scripting
 - Can support wildcards
 - Restricted to source members only
- Enhanced Wildcard mapping
 - <Blank>
 - Segment
 - There is a lot of complexity that is available with this
- Validation of Maps
 - Maps can be validated when imported into FDMEE (not during the data validation step)
 - Note: If a map fails the validation it cannot be migrated through LCM
- Load Rule specific Maps (i.e. Actual v Budget)

Mapping Options

- Multi-Dimension Maps
- Specific Load Rule Maps
- Mapping Validation

Multi Dimension

* Rule Name: * Target Value:

View

Dimension	Source	Data Table Column	Condition	Value
SubPrime_I	SUBPRIME	UD14	Explicit	16499
Account	ACCOUNT	ACCOUNT	Between	41233022,41233023

Data Load Mapping

Dimensions: Data Table Column: ACCOUNT

All Mappings **Explicit** Between In Multi Dimension Like

View

Source Value	Target Value	Change Sign	Description	Apply to Rule
83500_16499	83501	<input type="checkbox"/>		Actuals Load
84000_16499	84001	<input type="checkbox"/>		Budgets Load
84200_16499	84201	<input type="checkbox"/>		

All Mappings **Explicit** Between In Multi Dimension Like

View

Mapping Scripts

- Jython
 - Oracle moving away from VB code, Jython is platform agnostic
 - CaSe and Syntax Sensitive
 - Works similarly to VarValues
 - Performs mapping on a row by row basis
- SQL
 - Not case sensitive
 - Bulk mapping updates

Security

- Group based security that is configured within Shared Services
- Similar functionality as FDM Classic
- 11.1.2.3
 - Limited POV Locking (depending on patch level)
- 11.1.2.4
 - POV Locking for all Locations and individual locations

Limitations with 11.1.2.3

- Not a 1.0 version, however, there are still some missing features and some bugs
- LCM Migration available, however, some components do not transfer during migration.
 - i.e. Map specific scripts
- Audit Reports to track mapping changes and SOX questionnaire not available
- Validation errors cannot be corrected by selecting the failed validation in the Workbench
- Batch processing default maximum frequency is 1 hr. Custom modifications are required to enhance frequency.
- Location Names are cAse sensitive



Version 11.1.2.4

- Parity Items
 - Adaptor “copy”
 - Graphical Import Format Builder
 - Fix FDM Mapping Issues from Workflow
 - Still one dimension at a time
 - POV Locking

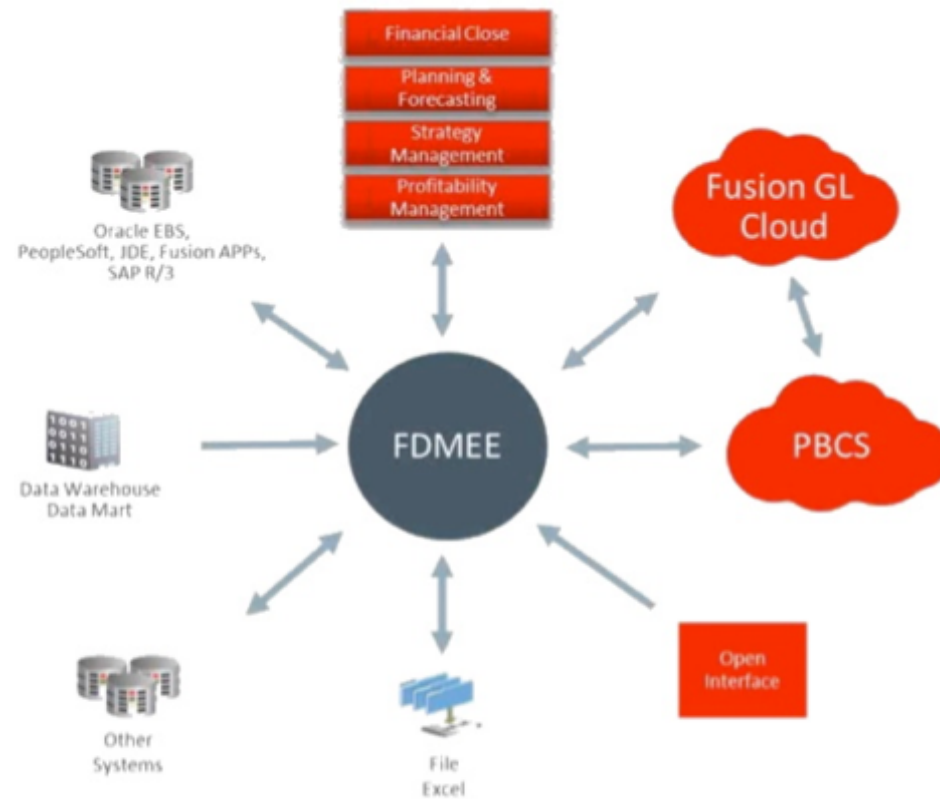
Version 11.1.2.4 cont.

- New Items
 - User Interface Improvements
 - GUI, Record Count, Multiple Language, Script Editor
 - Expanded Integration
 - HPCM, HTP, FCM, Exalytics
 - Improved Direct Integration Performance
 - Oracle EBS Code Combinations
 - PeopleSoft Business Unit

Version 11.1.2.4 cont.

- New Items
 - Mapping Import
 - Flat File (GUI) – Multi-dimension, 1 Location, Validation, Merge/Replace
 - Excel (GUI) – 1 Dimension, 1 Location, Validation, Merge/Replace
 - Excel (Interface) – Multi-dimension, Multi-location, No Validation, Append
 - Flat File (Command Line) – 1 Dimension, 1 Location, Validation, Merge/Replace
 - Data Sync
 - Import format
 - Data Load Rule
 - Execution

FDMEE Data Sync



Roadmap – 11.1.2.4.100

- Informational purposes only and should not be relied on for purchasing decisions
- Release 11.1.2.4.100
 - Hybrid implementation
 - On Premise to On Premise
 - Cloud to On Premise
 - On Premise to Cloud (New)
 - Cloud to Cloud
 - Migration Utility
 - Generic table adapter

Roadmap – Future Releases

- New Term
 - Additional FCM integration
 - Source metadata from SAP BW
 - Minor Parity Items
- Longer Term
 - Metadata loading enhancements
 - DRM integration – maintain mapping tables and push to FDMEE natively
 - SAP Adapter for better performance
 - Non numeric Planning data
 - Mapping review mode – security related
 - Mobile access to drill-through
 - Filter Balance Sheet and Income Statement filters
 - Party Items

MindStream Analytics brings you...

Expert Knowledge on Oracle Hyperion

Thank you! Questions?

Jessica Benbow

Practice Lead, Consolidations & Reporting

Office: (206) 419-0561

jbenbow@mindstreamanalytics.com

Lisa Spencer

EVP, Sales & Marketing

Office: 415.340.3323

lspencer@mindstreamanalytics.com

