Oracle Hyperion FDM – Powerful Uses Beyond Financial Consolidations

Scott Peters

Finit Solutions

About Finit Solutions

About Finit Solutions

- **FIN**ance-**IT**
- Hyperion Preferred Partner and a Member of the Oracle Partner Network (OPN)
- Recognized in the 2007 Inc 500 as the 42nd fastest growing IT services company – the only Hyperion partner to make the list

About Finit Solutions

- Hyperion Financial Consolidations and Reporting Experts
- Specializing in Hyperion Financial Data Quality Management (FDM), Hyperion Financial Management (HFM), and Hyperion Enterprise (HE)
- Strong focus on providing superior customer service and value by providing Hyperion expertise, strong Finance / Accounting knowledge and a proactive approach.

Some of our clients

Purpose of this Session

Purpose of this Session

- Provide an overview of Hyperion FDM.
- Discuss some of the traditional and emerging uses of Hyperion FDM.
- Showcase some of Hyperion FDM's new enhancements.
- Discuss the business case of FDM with consolidation and non-consolidation systems.
- Hyperion FDM integration and customization examples.

Hyperion FDM Overview

What is Hyperion FDM?

- Packaged application for Financial Data movement from any data source to any Hyperion application (Enterprise, HFM, Essbase, Planning, etc.)
- 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
- Unique product in industry

Hyperion FDM Benefits

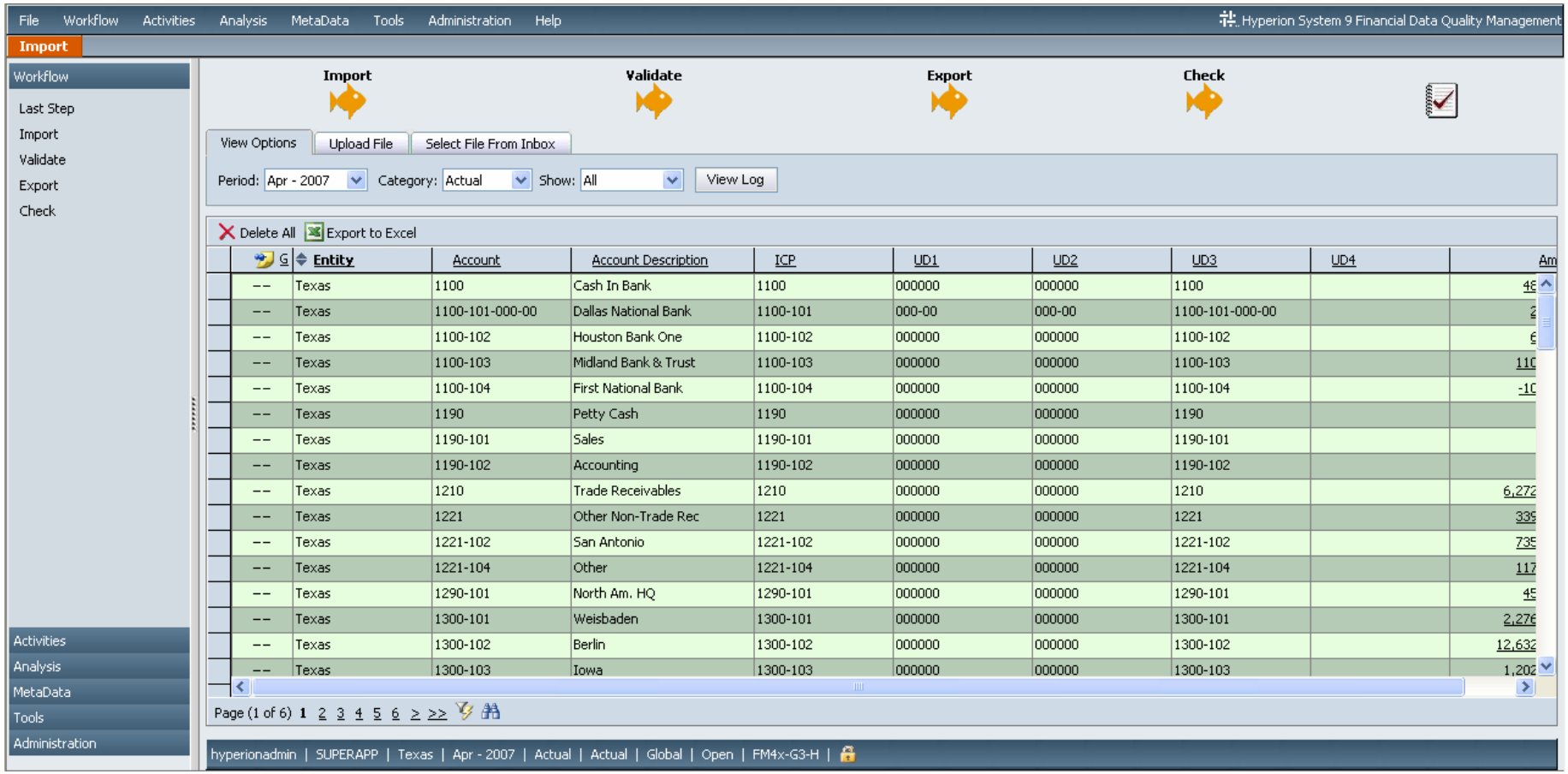
- Reduces Risk
  - Transparency into data and processes
- User Friendly Interface
  - Out of the box application approach
  - Web Architected
- More Efficient
  - End Users load quickly
  - Questions answered

Hyperion FDM Benefits Cont.

- Flexible
  - Can read any file from any system
  - Validation rules by location to ensure quality
  - Capture all supplemental data
  - Can load HFM, Enterprise, Planning, Essbase, HSF

Hyperion FDM Benefits Cont.

- Sarbox Compliant
  - Standardized controls
  - Transparency / Audit trails
  - Sarbanes Oxley 302 sub certification


File
Workflow
Activities
Analysis
MetaData
Tools
Administration
Help
Hyperion System 9 Financial Data Quality Management
Import
Workflow
Last Step
Import
Validate
Export
Check
Import
Validate
Export
Check
View Options
Upload File
Select File From Inbox
Period: Apr - 2007
Category: Actual
Show: All
View Log
Delete All
Export to Excel
G
Entity
Account
Account Description
ICP
UD1
UD2
UD3
UD4
Am
-- Texas 1100 Cash In Bank 1100 000000 000000 1100 48
-- Texas 1100-101-000-00 Dallas National Bank 1100-101 000-00 000-00 1100-101-000-00 2
-- Texas 1100-102 Houston Bank One 1100-102 000000 000000 1100-102 6
-- Texas 1100-103 Midland Bank & Trust 1100-103 000000 000000 1100-103 110
-- Texas 1100-104 First National Bank 1100-104 000000 000000 1100-104 -10
-- Texas 1190 Petty Cash 1190 000000 000000 1190
-- Texas 1190-101 Sales 1190-101 000000 000000 1190-101
-- Texas 1190-102 Accounting 1190-102 000000 000000 1190-102
-- Texas 1210 Trade Receivables 1210 000000 000000 1210 6,272
-- Texas 1221 Other Non-Trade Rec 1221 000000 000000 1221 339
-- Texas 1221-102 San Antonio 1221-102 000000 000000 1221-102 735
-- Texas 1221-104 Other 1221-104 000000 000000 1221-104 117
-- Texas 1290-101 North Am. HQ 1290-101 000000 000000 1290-101 45
-- Texas 1300-101 Weisbaden 1300-101 000000 000000 1300-101 2,276
-- Texas 1300-102 Berlin 1300-102 000000 000000 1300-102 12,632
-- Texas 1300-103 Iowa 1300-103 000000 000000 1300-103 1,202
Page (1 of 6) 1 2 3 4 5 6 > >>
Activities
Analysis
MetaData
Tools
Administration
hyperionadmin | SUPERAPP | Texas | Apr - 2007 | Actual | Actual | Global | Open | FM4x-G3-H |

Traditional and Emerging Uses of Hyperion FDM

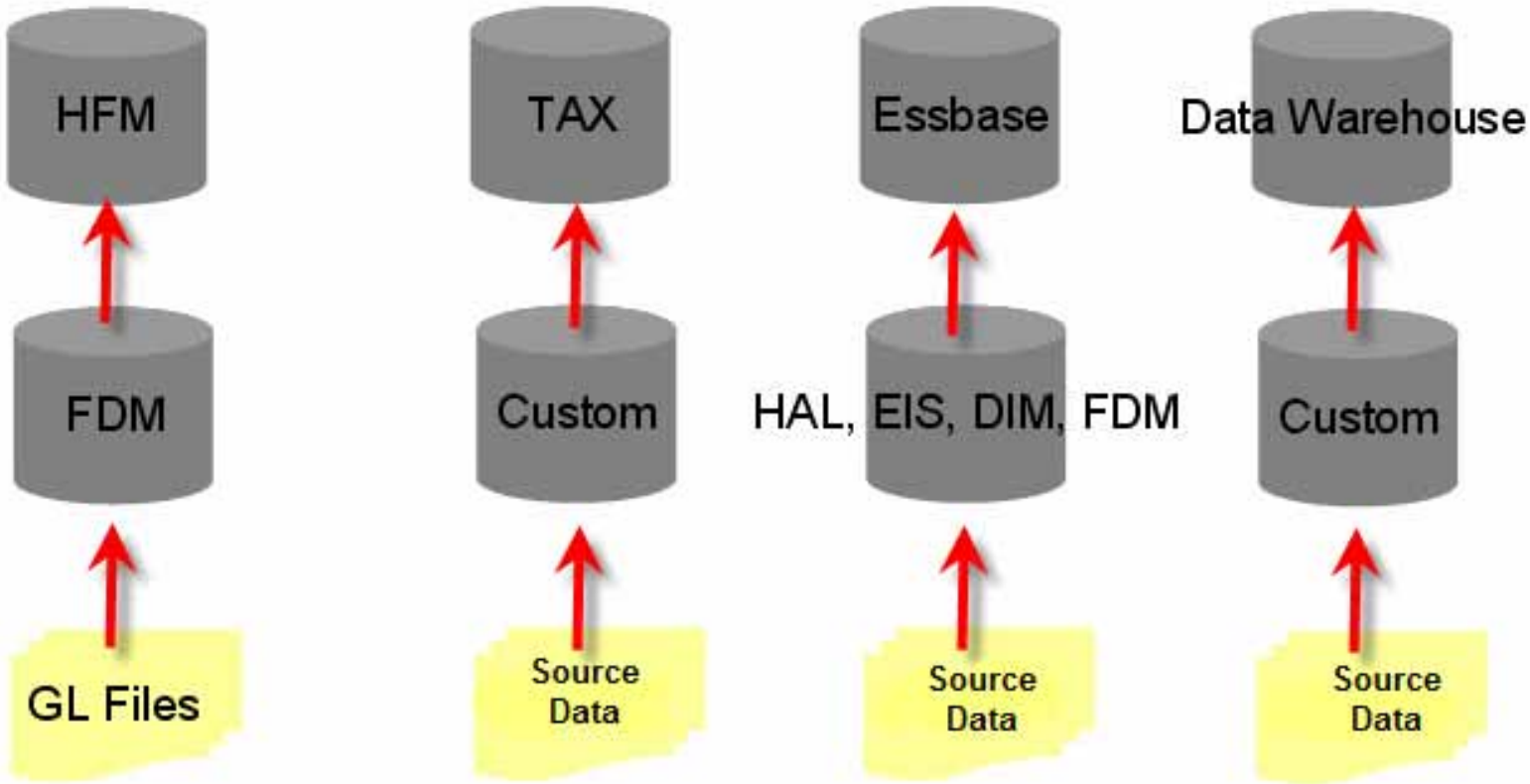
Hyperion FDM for Consolidations

- 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

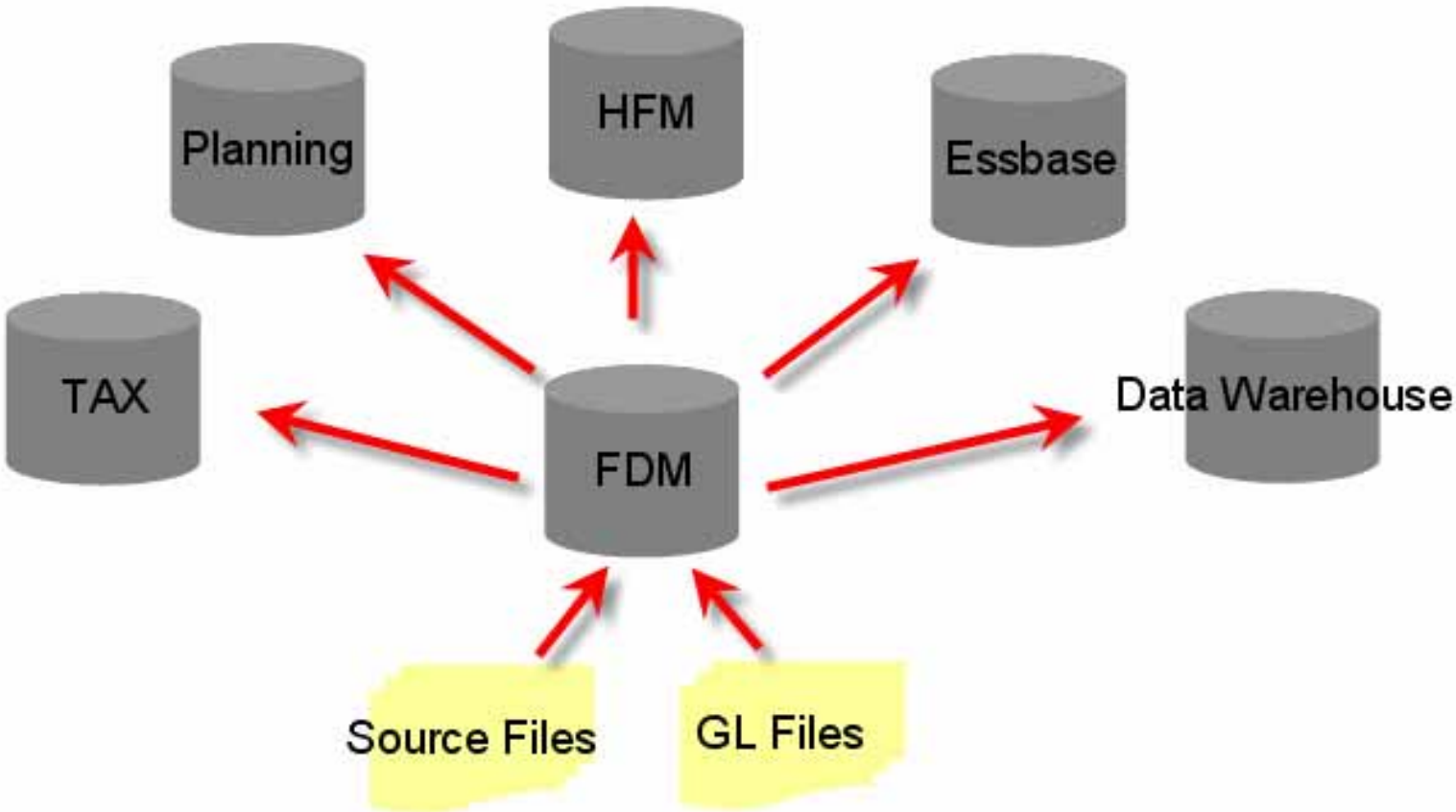
Focus on Data Quality

- 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.

Previous Focus



New Focus - Consistency



FDM Product Enhancements

- Additional Dimensions
  - 23 ‘map-able’ dimensions
  - 14 attribute dimensions
- Batch Loader has been improved
  - Hyperion FDM performs true Lights Out and Auto-Map processing
  - Email notifications
  - Can also move data between Hyperion apps, especially if mapping and a transformation needs to take place

FDM Product Enhancements Cont.

- Tax Extract Adaptor
  - Allows organizations to dump source and target balances into a text file format that can then be loaded into a target Tax System
- Data Mart Adaptor
  - Allows users to map and validate data when going to a non-Hyperion source such as a Data Warehouse
  - Used to map source data to common metadata members or formats

FDM Product Enhancements Cont.

- Oracle Financials E-Business Suite adaptor
  - Source adaptor to pull and drill back into transaction level detail will be available in the next release. PeopleSoft and JDE source adaptors are on the product roadmap.
- Drill-back from Hyperion systems to source
  - Customers will be able to drill back from Hyperion systems (Planning, HFM, Essbase, HSF) to FDM (containing ending balances) and then eventually to Oracle Financials, PeopleSoft and JDE transactions.

FDM Product Enhancements Cont.

- Hyperion Strategic Finance (HSF) Adaptor
  - A target adaptor for Hyperion FDM to load to HSF will be available in the next release.
- Integration with Oracle SSO
  - Integration with Oracle SSO is planned for the next release.

Business Case for FDM

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. automated)
- Source and target analytic capabilities across systems
- Improved ROI – consistent data approach

FDM Integration to Essbase Example

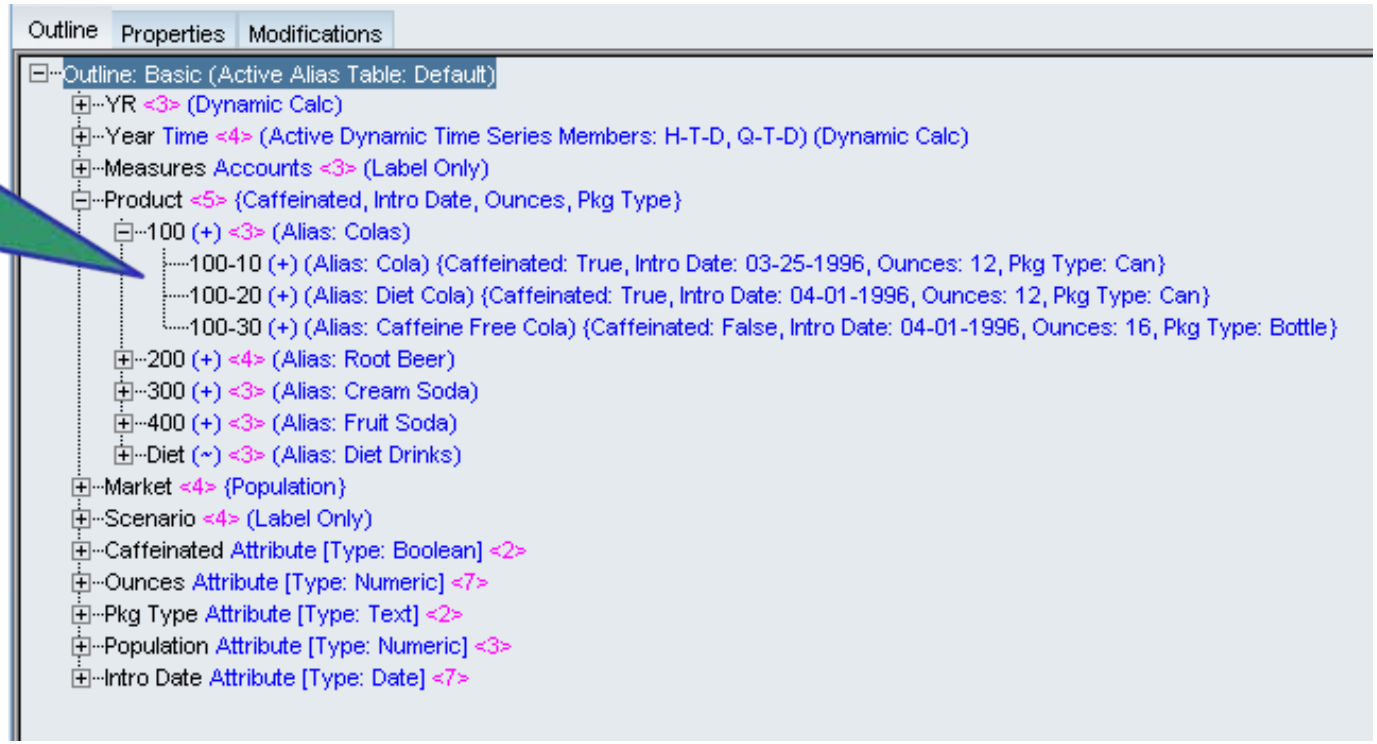
FDM – Essbase Integration

- The following example will demonstrate an integration to Essbase that uses FDM to load data
- This example will also add members to the outline that are in the data file but are not yet in the Essbase outline

FDM – Essbase Integration Cont.

- Here is the sample outline

We'll focus on the Product Dimension



FDM – Essbase Integration Cont.

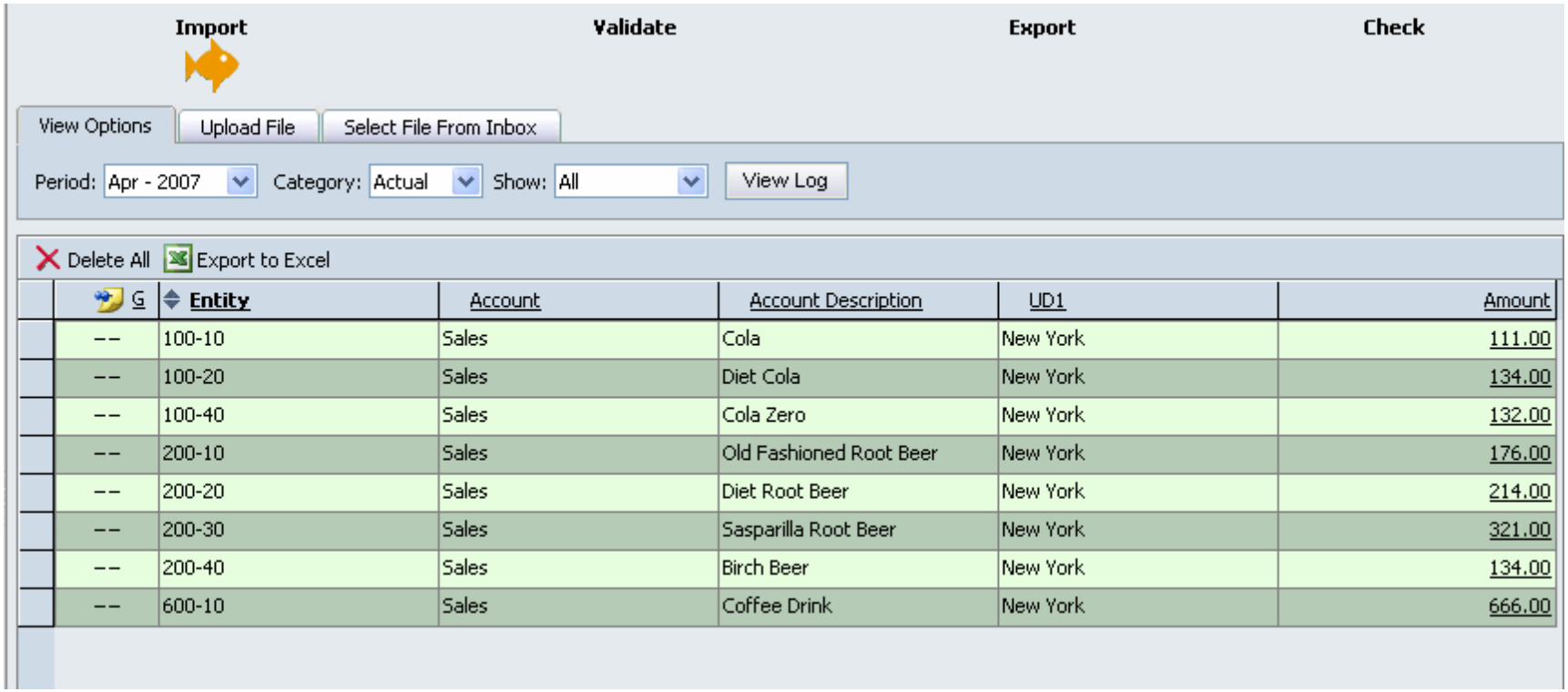
- Here is a sample data load file that we will load through FDM
  - It contains the Product as well as it's attributes

```
Cola,100,10,New York,Sales,Jan,Actual,111,True,03-25-1996,12,Can
Diet Cola,100,20,New York,Sales,Jan,Actual,134,True,09-01-1996,12,Can
Cola Zero,100,40,New York,Sales,Jan,Actual,132,True,03-25-1996,16,Bottle
Old Fashioned Root Beer,200,10,New York,Sales,Jan,Actual,176,True,09-27-1995,12,Bottle
Diet Root Beer,200,20,New York,Sales,Jan,Actual,214,True,07-26-1996,16,Bottle
Sasparilla Root Beer,200,30,New York,Sales,Jan,Actual,321,False,12-10-1996,12,Bottle
Birch Beer,200,40,New York,Sales,Jan,Actual,134,False,12-10-1996,16,Bottle
Coffee Drink,600,10,New York,Sales,Jan,Actual,666,True,03-25-1996,10,Can
```

- If we look at the outline, these two lines are not in it. (100-40 and 600-10)

FDM – Essbase Integration Cont.

- We now import the file to FDM using our predefined Import Format



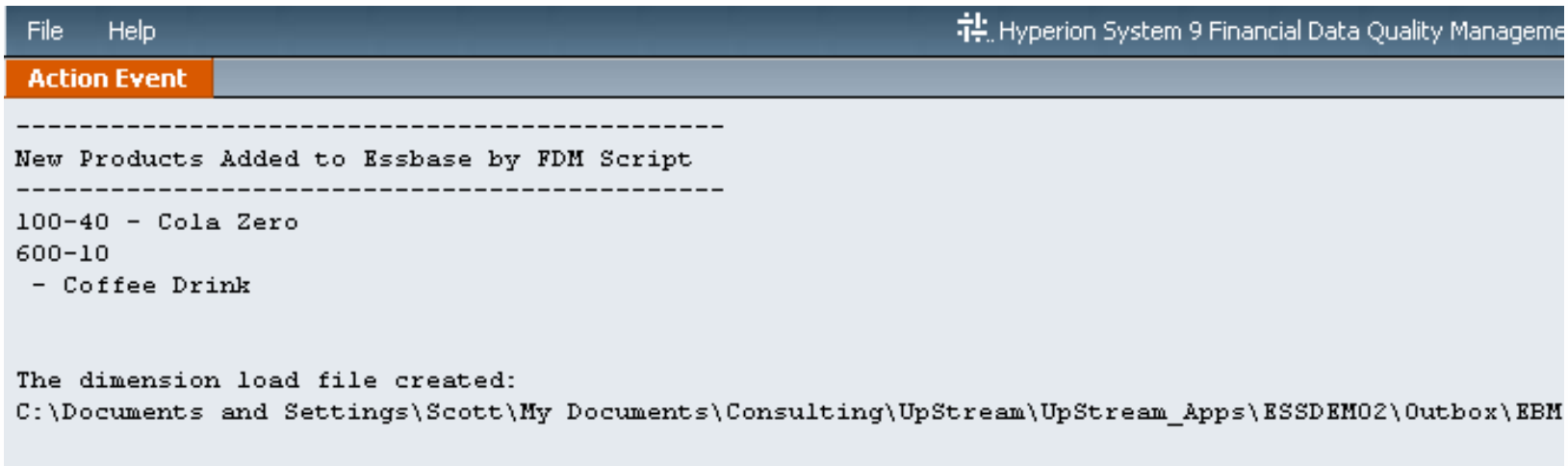
G	Entity	Account	Account Description	UD1	Amount
--	100-10	Sales	Cola	New York	111.00
--	100-20	Sales	Diet Cola	New York	134.00
--	100-40	Sales	Cola Zero	New York	132.00
--	200-10	Sales	Old Fashioned Root Beer	New York	176.00
--	200-20	Sales	Diet Root Beer	New York	214.00
--	200-30	Sales	Sasparilla Root Beer	New York	321.00
--	200-40	Sales	Birch Beer	New York	134.00
--	600-10	Sales	Coffee Drink	New York	666.00

FDM – Essbase Integration Cont.

- We can then Validate the Imported data against our mapping table in FDM
- After all of the data transformation occurs, FDM looks at the data and compares it to the Outline in Essbase
- If members exist in the data load file that do not exist in Essbase, they will be written to a text file and loaded to the outline in Essbase using an esscmd to call a script

FDM – Essbase Integration Cont.

- After the metadata gets loaded to Essbase, a message box will be displayed in FDM notifying the user that new members have been added to the outline



FDM – Essbase Integration Cont.

- We can now look back at the outline to see the new members that were added

FDM – Essbase Integration Cont.

- The user will now click Export in FDM and load that data to Essbase
- At that time, Calc scripts can automatically be run to clear data and calculate data
- These Calc scripts can be dynamic and can use any variables in the FDM POV or load file to Fix on

Questions