US-Analytics
PICTURE RESULTS.

Unclogging the EPM Toilet: Putting More Fiber in Your Integrations Diet

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ORACLE **Platinum Partner**

AGENDA

1	Introduction
2	Data Integration
3	Meta-Data Integration
4	Overall Architecture
5	Q&A

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Introduction

Brian Marshall

- Vice President of EPM Delivery at US-Analytics
- 15+ years IT and EPM/BI Experience
- 14+ years with US-Analytics
- 100+ projects with US-Analytics
- Presented at Kaleidoscope 2010-2016 (2017 coming!) and various regional events
- Frequent blogger at HyperionEPM.com

ORACLE® ACE Associate

HyperionEPM.com
A Technical Journey With Hyperion

Data Integration

- Essbase
- Planning
- HFM
- Inter-EPM Integration

Data Integration - Essbase

Load Rule / Calc Script

- Flexible with SQL and Flat Files
- Good Basic ETL options
- Hides ETL operations
- Not Cloud-Ready

Essbase Format

- Fastest possible load
- No rule necessary
- No ETL/Mappings
- Cloud-Ready...for now

FDMEE

- Flexible with SQL and Flat Files
- Well beyond basic ETL
- End-User controlled mappings
- Great data providence
- Cloud-Ready

ODI

- Flexible with SQL Flat Files
- Well beyond basic ETL
- Hides ETL operations
- Definitely not Cloud-Ready

Data Integration - Planning

Load Rule

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- Good Basic ETL options
- Hides ETL operations
- Not Cloud-Ready

Essbase Format

- Fastest possible load
- No rule necessary
- No ETL/Mappings
- Cloud-Ready...for now

Outline Load Utility

- Not fast, no mappings
- Not Cloud-Ready

FDMEE

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ODI

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Data Integration - HFM

Native Load

- Convenience to load data rapidly
- No ETL/Mappings

FDMEE

- Flexible with SQL and Flat Files
- Well beyond basic ETL
- End-User controlled mappings
- Great data providence
- Cloud-Ready

Extended Analytics

- Great export functionality
- Performance is normally acceptable
- Meta-data is just not usable

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Inter-EPM Integration

FDMEE

- Single place to perform extracts, mappings, and imports
- Cloud-Ready

Native Exports/Imports

- Great performance
- Limited flexibility without custom code
- Mostly not Cloud-Ready

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Meta-Data Integration

- Essbase
- Planning
- HFM

Meta-Data Integration - Essbase

Load Rule

- Flexible with SQL and Flat Files
- Good Basic ETL options
- Hides ETL operations
- Not Cloud-Ready

DRM

- More on this later
- Still requires a load-rule

Meta-Data Integration - Planning

Outline Load Utility

- Great for loading hierarchies
- Works with SQL and Flat Files
- Basically Cloud-Ready (Flat Files)

ODI

- Still a viable option
- More difficult to develop
- More difficult to maintain
- More difficult to automate

DRM

- More on this later
- Still requires ODI or the Outline Load Utility

Meta-Data Integration - HFM

Fat-Client

- A little touchy on 11.1.2.4
- Still a great way to make quick changes and see hierarchies

DRM

- More on this later
- Still requires an APP file or XML file

APP File

- Relatively easy format to produce
- Can load via web, but not out-of-the-box automation

XML File

- Not-so-easy format to produce
- Can still load via web, but again, not a great out-of-the-box automation process

Overall Architecture

- How many applications of how many types do I have?
- What is the current standards for integration for my enterprise?
- Is inter-EPM consistency important?
- Can I maintain the system that is being implemented?
- What is my path for an upgrade?
- Do I care about being Cloud-Ready?

DRM and FDMEE

- FDMEE
  - ▶ Do I have multiple EPM application types?
  - ▶ Do I have a license for FDMEE?
  - ▶ Am I going to the cloud in the future?
- DRM
  - ▶ Do I have shared dimensions that I need to maintain across multiple applications?
  - ▶ Do I need the ability to provide users with the ability to make changes and follow work-flow?
  - ▶ Can I afford the current licensing structure?
  - ▶ Am I going to the cloud in the future?

Q&A