

Hyperion Focus 2015

Hands-on Introduction to DRM

Chris McManus

Keyteach



Hands-on Introduction to DRM

Tutor:



Introduction

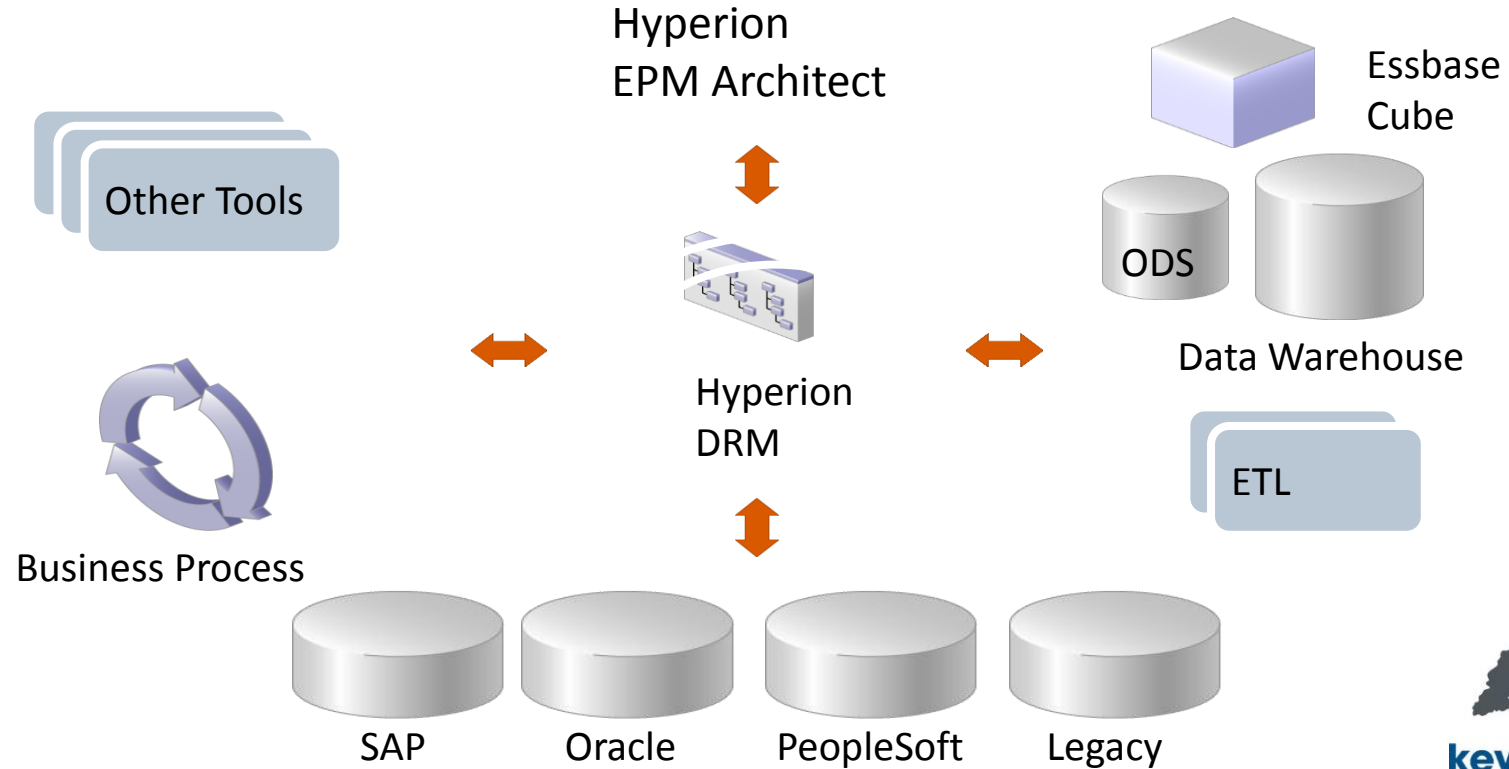
What is Master Data?

- Information that plays a key role in the core operation of a business
- Includes data about clients and customers, employees, inventory, suppliers, etc
- Master data that is shared by many users and groups across an organisation and stored on different systems

What is Master Data Management?

- A set of processes and tools that consistently define and manage the master data of an organisation
- Defines standards for key business processes:
 - Financial reporting
 - Planning
 - Analysis
 - Business modelling
 - Key performance indicators (KPIs)

Hyperion DRM Integrated Environment



Key Benefits of DRM

The store of business dimensions (hierarchies):

- Is centralised and secured
- Stores business rules
- Can be audited
- Provides historical information
- Enables reporting on hierarchies

DRM Key Terms and Concepts



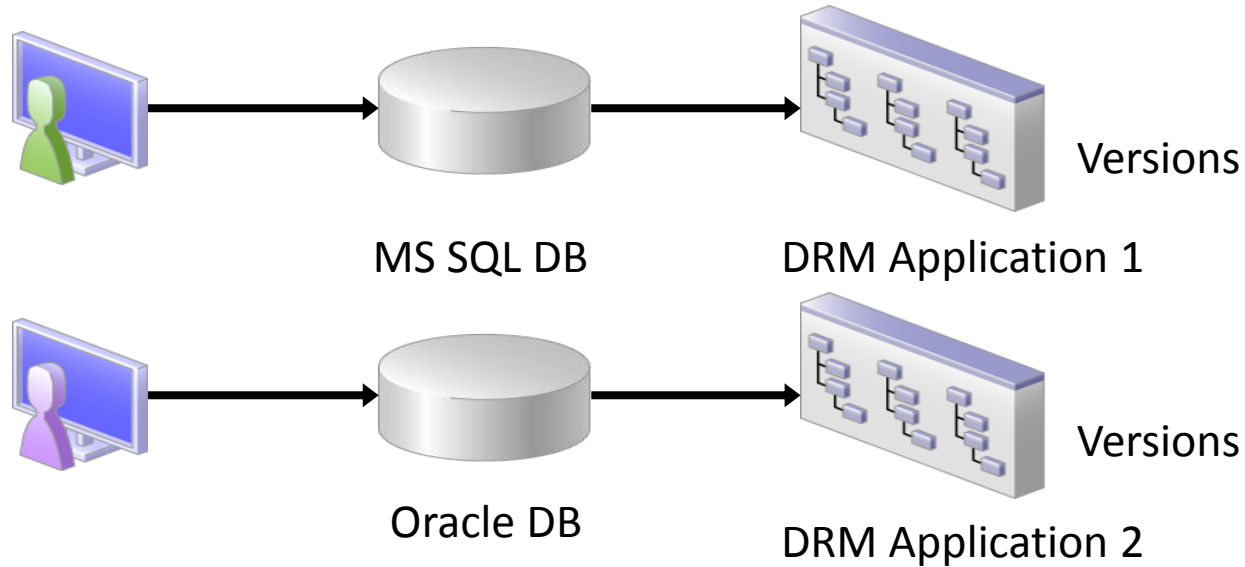
Master Data Key Terms and Concepts

- Applications
- Versions
- Hierarchies
- Nodes
- Properties and property categories
- Validations



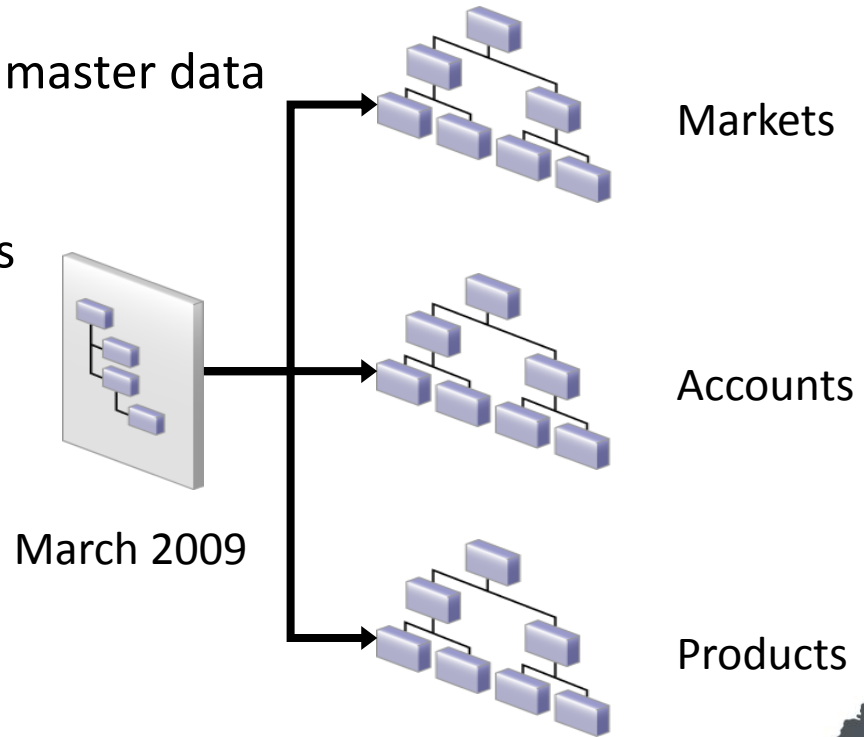
Applications

DRM applications are independent repositories of master data



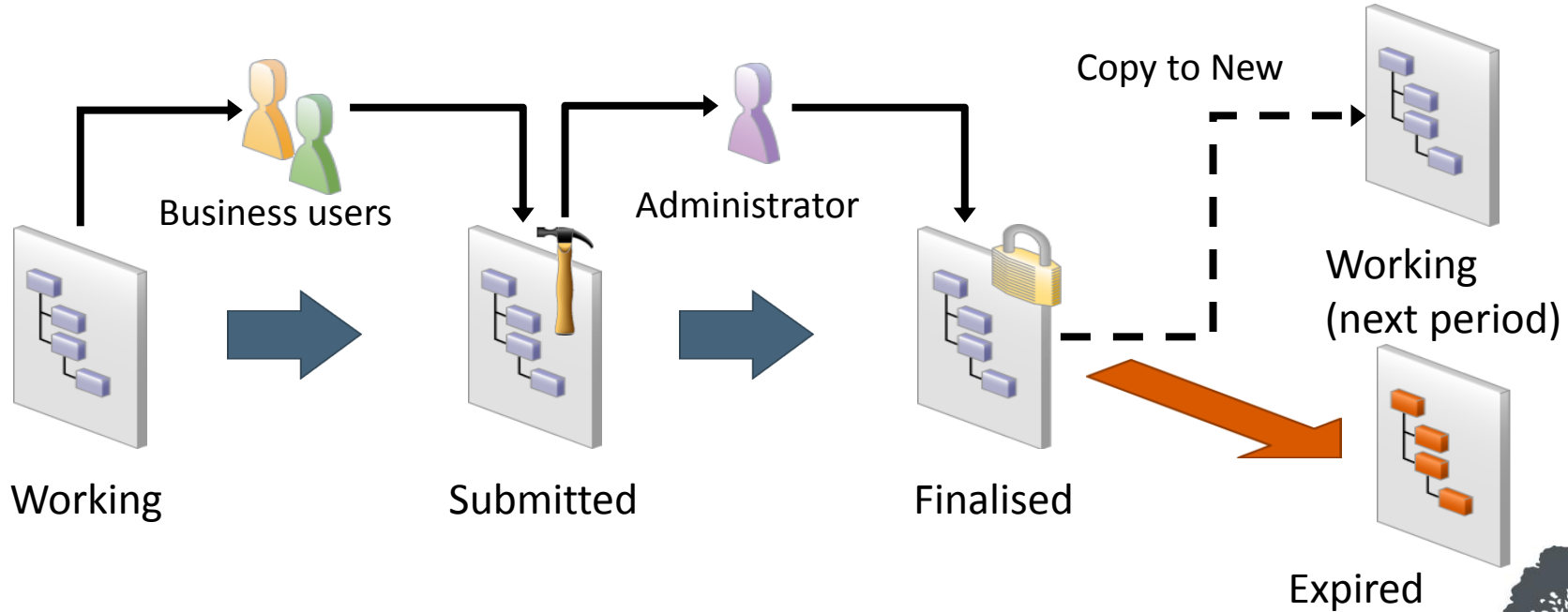
Versions

- Represent independent sets of master data
- Encapsulate hierarchies
- Are typically related to business time periods
- Support “what if” scenarios



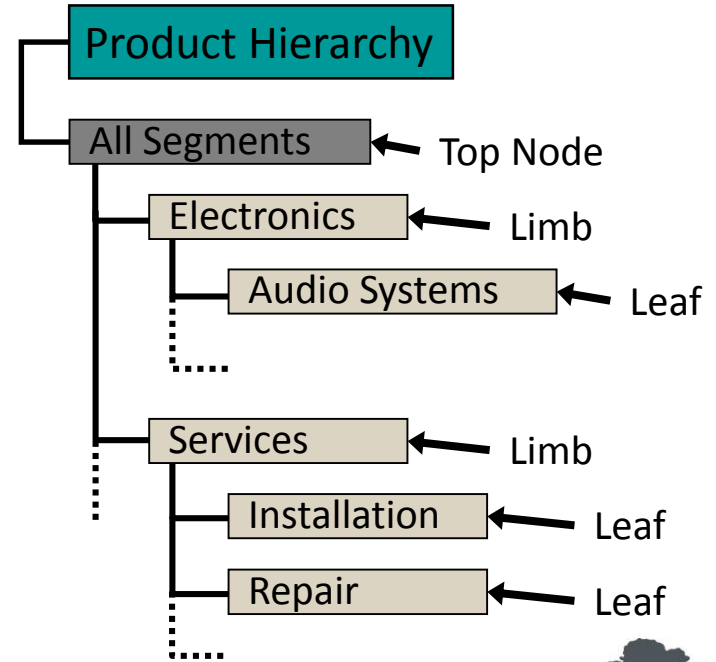
Master Data Life Cycle

Versions support master data life cycles through status management.



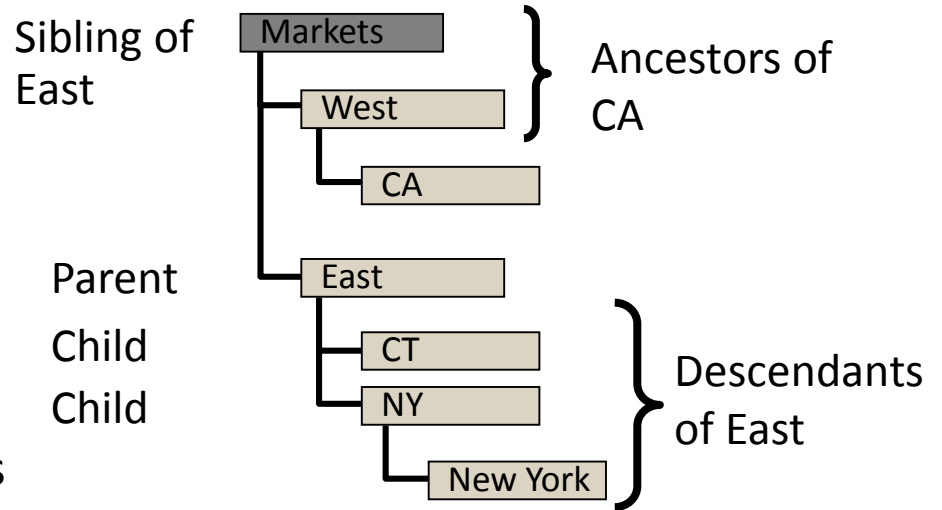
Hierarchies

- Define structural relationships among master data (organisation structure, accounts, geographic)
- Store alternate rollups
- Are uniquely defined by their top node

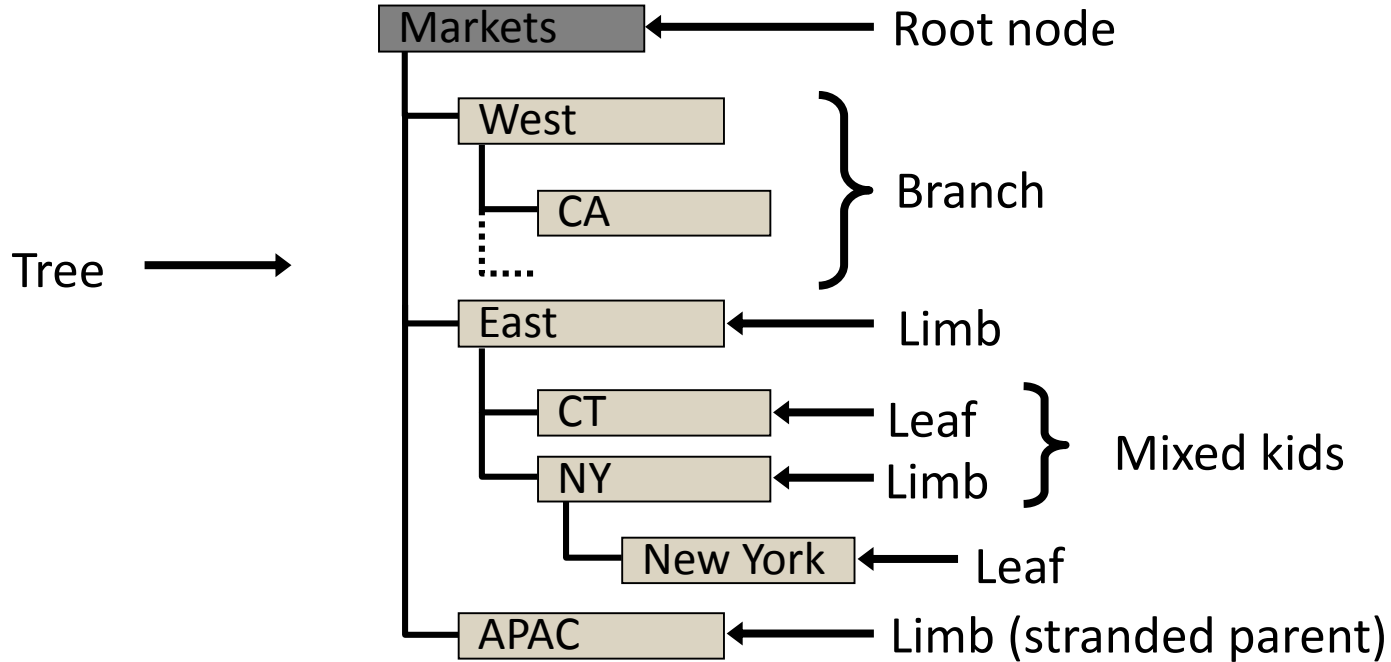


Nodes

- Are building blocks within a hierarchy
- Use familial relationship terms
- Always have the same children in all hierarchies
- Nodes that are not assigned to a hierarchy are called orphan nodes

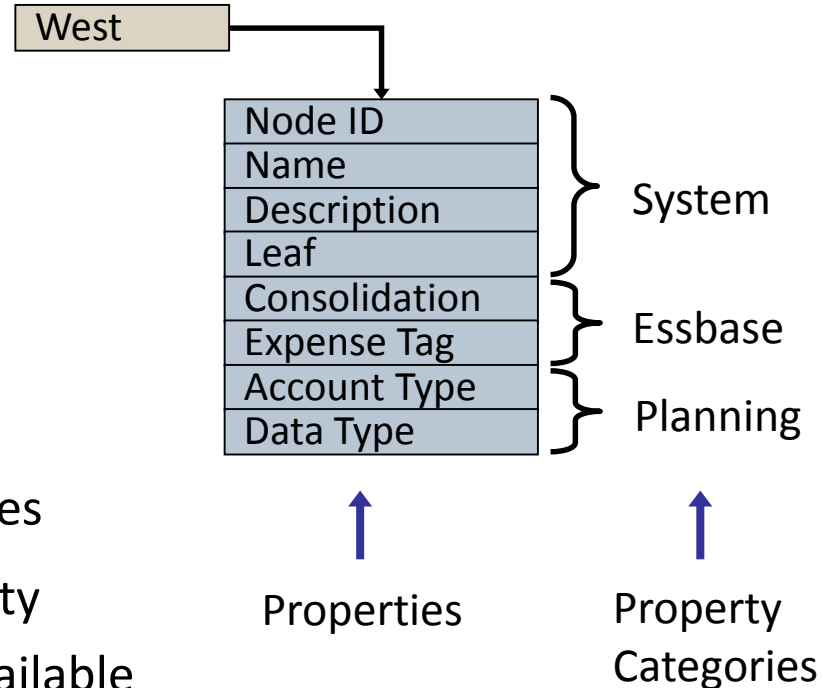


Other Hierarchy and Node Terms



Properties and Property Categories

- Properties
 - Define node attributes
 - Created by the administrator
- Property categories
 - Used to group related properties
 - Users associated with a property category to filter properties available



Validations

- Defined by the administrator
- Ensure data quality and enforce business rules:
 - Real-time
 - Batch mode
 - Run on demand
 - Scheduled exports



DRM Navigation

Working with Hierarchies

- Hierarchies provide the main interface for business users
- A version can have many hierarchies
- Hierarchies can be grouped into system categories
- Double-click system category to open hierarchy windows

The screenshot displays a software interface with three main components:

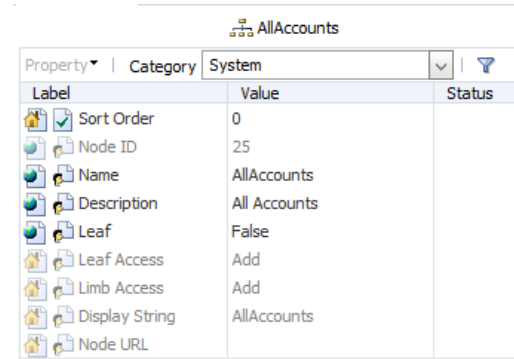
- System categories:** A table at the top showing versions of system categories. It has columns for Name, Description, Type, Status, Saved, and Load Status. The data includes 'Athena_Mar-13' (Normal, Working, Saved) and 'Athena_Mar-13 - Baseline' (Baseline, Expired, Saved).
- Hierarchies:** A table below showing hierarchies grouped by 'Hierarchy Group'. It has columns for Name and Description. The data includes 'HFM', 'Fssbase', 'AccountNodes', and 'ProductNodes'.
- Hierarchy window:** A window titled 'Tree' showing a hierarchical view of nodes. It has a search bar and a 'Go' button. The tree structure shows 'AllAccounts' as the root, with sub-nodes 'BS100000' and 'PL100000'.

Blue arrows point from the text labels to the corresponding elements in the interface:

- 'System categories' points to the top table.
- 'Hierarchies' points to the middle table.
- 'Hierarchy window' points to the 'Tree' window.

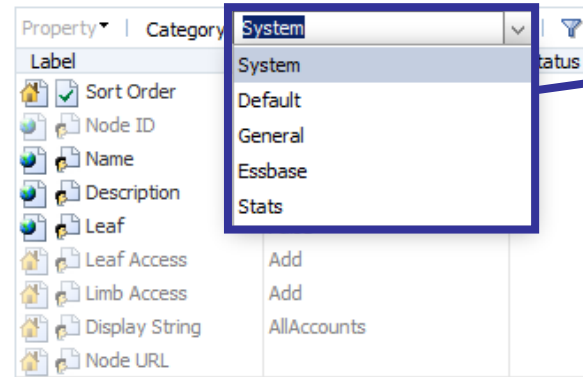
Node Properties

- Viewed in the Property Editor
- Property categories displayed on drop-down menu
- **Tools | Options** used to select preferences for viewing property editor



The screenshot shows a window titled 'AllAccounts' with a 'Property' dropdown menu set to 'System'. Below the dropdown is a table with columns 'Label', 'Value', and 'Status'. The table contains the following data:

Label	Value	Status
Sort Order	0	
Node ID	25	
Name	AllAccounts	
Description	All Accounts	
Leaf	False	
Leaf Access	Add	
Limb Access	Add	
Display String	AllAccounts	
Node URL		



Property categories

Working with Hierarchies

- Node operations available on right-click:
 - Insert
 - Add
 - Delete
 - Copy
 - Move
 - Merge
- Drag-and-drop feature

Working with Nodes

- Node names must be unique within a hierarchy
- Nodes can be moved only under valid limb nodes - they cannot be moved under leaf nodes
- Only nodes with no descendants can be deleted



Workshop 1: Working with Hierarchies

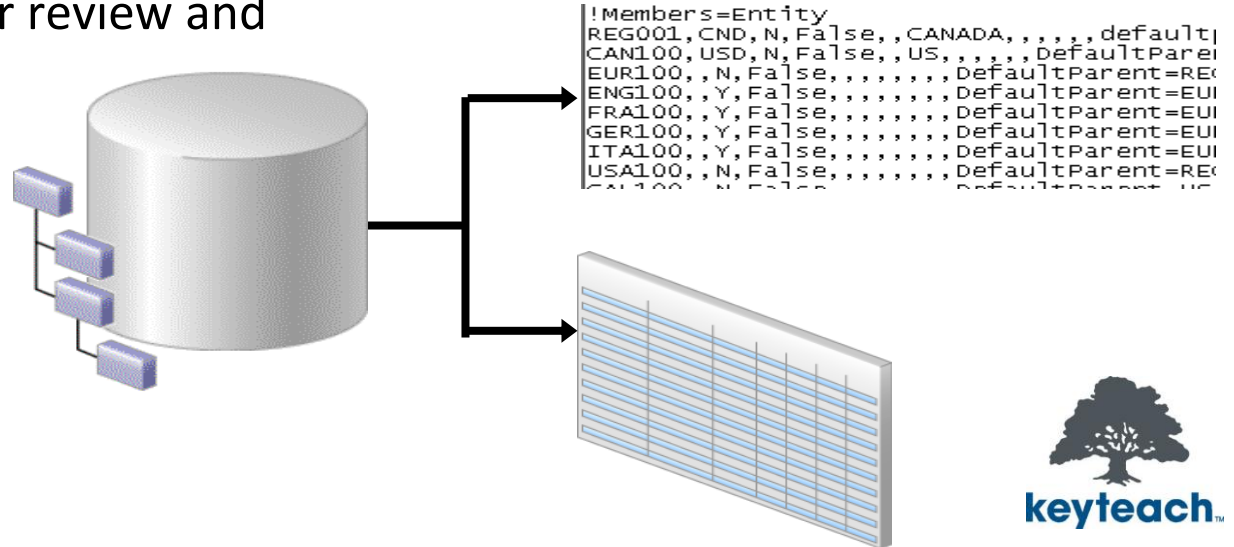


Exporting Master Data

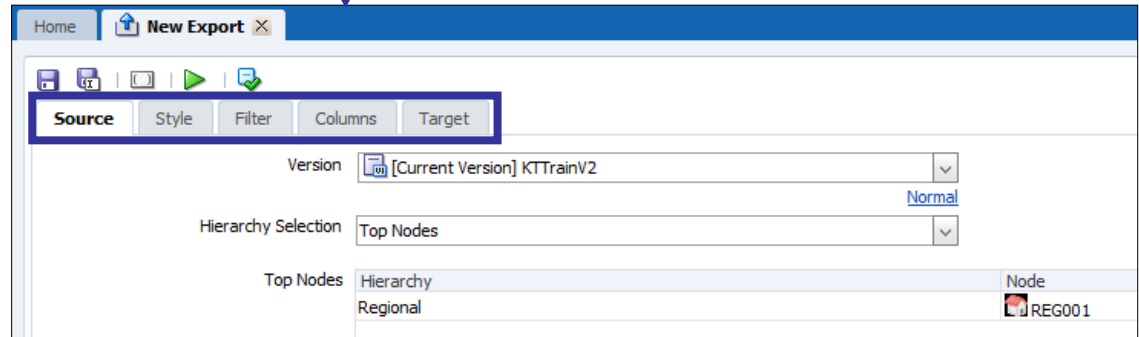
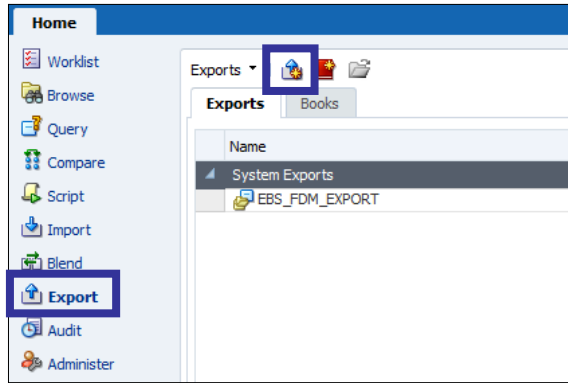
Exporting Data

Purpose:

- To create delimited text files for transfer to external systems
- To create reports for review and audit



Exporting Hierarchies



Selecting Export Columns

Source Style Filter **Columns** Target

Select Columns Column Options

Category
General













Available

Label	Namespace
LoadID	Custom

Selected

Label	Namespace
1 - Name	Core
2 - HFM Description	Custom
3 - Default Currency	Custom
4 - Allow Adj	Custom
5 - Allow Children Adj	Custom
6 - IC Partner	Custom
7 - Security Class	Custom
8 - Holding Company	Custom
9 - Security as IC Partner	Custom
10 - Default Parent	Custom
11 - UDA1	Custom
12 - UDA2	Custom
13 - UDA3	Custom
14 - IsPrimary	Custom

Specifying Column Options

Source	Style	Filter	Columns	Target	
Select Columns		Column Options			
Column Name	Pivot	Skip Defaults	Primary Key	Dynamic Value	Action
[Core] Name	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		 
[Custom] HFM Description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Default Currency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Allow Adj	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Allow Children Adj	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] IC Partner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Security Class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Holding Company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Security as IC Partner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] Default Parent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
[Custom] UDA1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Setting Export Parameters

Source **Style** Filter Columns Target

Node Selection: All Nodes
 Limb Nodes Only
 Leaf Nodes Only

Options: Recurse from Top Node
 Include Inactive Nodes
 Include Implicitly Shared Nodes
 Remove Duplicates Based on Key
 Tabbed Output

Batch Validations

Run Validations Before Export

Repeat Parameters

Repeat Number Property

Bottom Level Property

Bottom Level Value

Repeat Nodes to Enforce Bottom Level
 Repeat Bottom Limb Node
 Repeat Bottom Leaf Node

Defining Filters and Validations

Source Style **Filter** Columns Target

Validation

Inclusion Filter

Query ...

Description

Descendants File

Use text file to include/exclude descendant nodes.

* Connection

* File Name

File Description

Include mode

Exclude mode

Configuring Output Formats

Source Style Filter Columns **Target**

Device: Client File

Format: Column Headings
 Quoted Strings
 Fixed Width

Character Encoding: Unicode (UTF-8)

Header / Footer: Blank line between Header/Footer and Body

Header: !Members=Entity

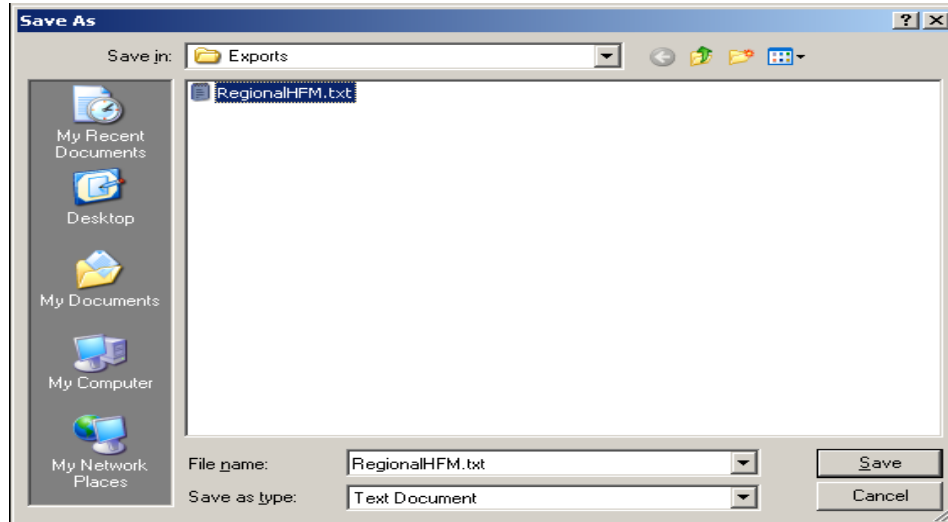
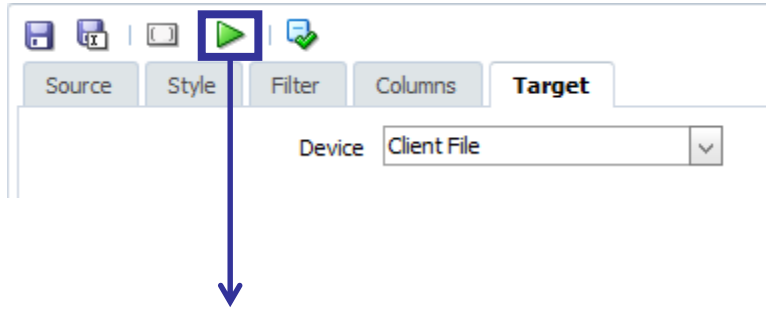
Footer:

Replace: (None) with (None)
(None) with (None)
(None) with (None)

Field Delimiter: (Comma)

Record Delimiter: (CRLF)

Specifying the Output Destination



Saving and Deleting Exports

Save Export As

* Name:

Description:

Object Access Group:
Standard

OK Cancel

Source Style Filter Columns Target


Version: [Normal](#)


Hierarchy Selection:

Top Nodes	Hierarchy	Node	Move	Delete
Regional		REG001	▲ ▼	✖

Confirm Delete

Delete Export 'SimpleExport'?

 **Delete the Export**
This operation cannot be undone.

 **Cancel**
Return to the previous screen

Exports

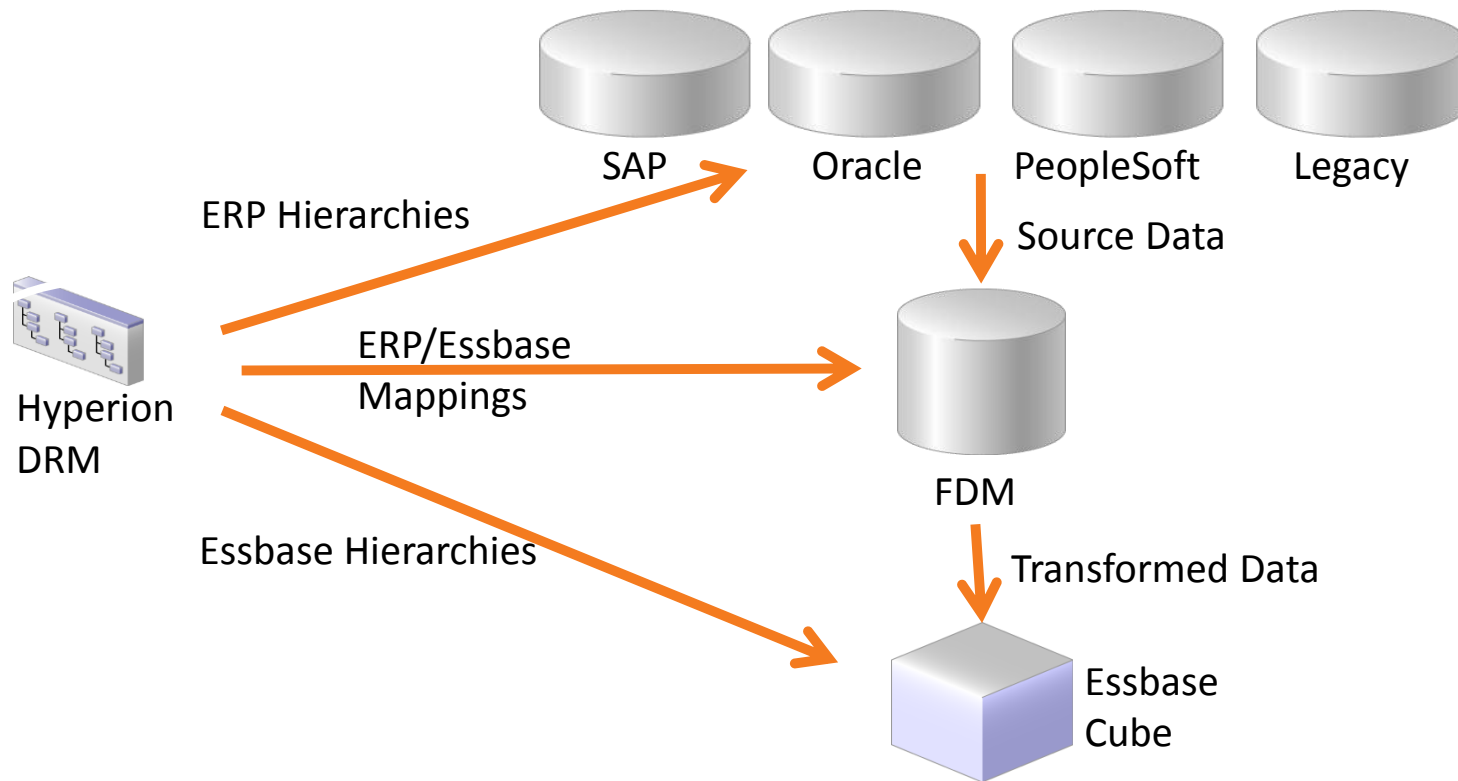
- Open
- Copy...
- Move...
- Delete**

	Description
Standard Exports	
<input type="checkbox"/> HFMRegional	HFM Entity Nodes
<input type="checkbox"/> SimpleExport	



Workshop 2: DRM Export to EPMA

Mapping Management with DRM





Workshop 3: DRM Export to FDMEE



Making It Real

Implementation Considerations

What Business Challenges can DRM Help to Solve?

- Data Quality issues resulting in expensive reconciliation
- Critical Period Failures due to changes in Master Data
- Multiple mapping tables moving independently of one another
- Report definitions maintained independently in multiple applications leading to reconciliation issues
- Enterprise Dimensions moving independently of one another
- Difficult to standardise Enterprise Dimensions definitions
- High costs associated with maintenance



Key Objectives of a Data Management Solution

Efficient

- **Optimise Month-End Close** - Through pro-active governance process
- **Empower Master Data Owners** – To make their changes within defined boundaries.
- **Standardise and Optimise Processes** – reduce complexity and clarify master data management processes
- **Coherence Across Multiple Reporting Views** - Enforce coherence of multiple, complex views (financial, management, operational etc.)

Transparent

- **Standardised Reports** - Standard reports across multiple entities | charts | platforms
- **Modeling** - Understand changes before implementation
- **Data Transparency** - the ability to understand the transactions that underpin reported numbers
- **Compliance** - Meet audit & regulatory requirements

Robust

- **Embedded controls** - Reduce business risk by improving master data controls
- **Change Management** – control business change
- **Minimise Failure Points** – through enforcing consistency across platforms and interfaces
- **Automation** - “Zero Touch” or “Lights out” ETL process



Suggested Next Steps

- Initial internal discussions re business challenges
- Consider engaging an implementation partner with key competency in DRM, such as Seismi
 - Look out for the ‘Oracle Specialized’ Accreditation
- Learn more about DRM
 - DRM: Administrator course (4 days)
 - Details on [keyteach.com](https://www.keyteach.com)





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Thank you!

