

## Creating Classic Rules in Oracle Hyperion Financial Management

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#### Course Description

**Course Name:** Creating Classic Rules in Oracle Hyperion Financial Management  
**Course Number:** O-HFM-RULES-C  
**Duration:** 4 Days

The Creating Classic Rules in Oracle Hyperion Financial Management (HFM) course is designed to guide seasoned HFM Administrators and Power Users through an in-depth and practical approach to building new rules, from the basic to the advanced, and to understanding and enhancing current rule sets within applications.

Starting with a classic rules introduction, students will extract, backup and perform basic rules editing from within an existing application. Once these basic concepts are understood, the student will learn specific techniques for rules creation, such as utilizing Member Lists, dynamic rules creation, and utilizing variables.

The student will then be introduced to advanced rules writing techniques. Topics such as Beginning Retained Earnings roll forward, transferring Current Net Income to the Balance Sheet, Translation – dollar override, forecasting, and ratios. After completing these topics, student will work through an in depth case study enabling them to apply their newly acquired skills to developing a basic cash flow.

The course wraps up with a demonstration of how to convert classic rules to EPM and a walkthrough of the Calculation Manager. This course is very intense and not intended for the new HFM user or Administrator.

#### Who Should Attend

- System Administrators
- Application Developers
- Power Users

#### Prerequisites

- Basic Microsoft Windows skills
- Knowledge of spreadsheets
- Working knowledge of accounting
- Working knowledge of Hyperion Financial Management

#### Course Information

**Advance Preparation:** None

**Program Level:** Advanced

**Delivery Method:** Group – Live

**CPE Credit:** 34 credits in Specialized Knowledge and Applications

**Course Registration:** 203-941-0714 or

online at <http://www.compintelligence.com>

**Policies:** For information regarding cancellations, refunds, or other questions, contact us

at 203-941-0714 or [education@compintelligence.com](mailto:education@compintelligence.com)



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## Creating Rules in Oracle Hyperion Financial Management

### Course Outline

#### 1 Introduction to HFM Rules

##### Lesson 1. Oracle Hyperion Financial Management

HFM Overview

HFM Task Flow

Enterprise Performance Management Overview

Oracle Hyperion EPM Workspace

Foundation Tier

Product Tier

Application Tier

Web Tier

Help Information

Summary

##### Lesson 2. HFM Dimensions

Dimensions Overview

Entity Dimension Hierarchy

Period Dimension Hierarchy

Account Dimension Hierarchies

Fixed Dimensions

Custom Dimensions (1-4)

Leading Practices

Define Dimension Hierarchies

Define Dimension Labels

Define Labels without Spaces

Define Labels Using Existing Labels

Define a Reasonable Number of Years

Avoid Using the Weeks or a 13th Month Field in the Period Dimension

Define View Labels Using Abbreviations

Summary

##### Lesson 3. HFM Default Calculations

Default Calculations Overview

Consolidation

Value Dimension

Value Adjustment Members

[None] Value Member

Value Dimension Consolidation Process

Translation Process

Account Dimension – FX Rates

Currencies

AppSettings

Intercompany Elimination and Consolidation Process

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

- Intercompany Metadata Setup
  - Intercompany Metadata Setup – Entities
  - Intercompany Metadata Setup – Intercompany Accounts
  - The ISICP Account Flag
  - ISICP Account Flag to Y for account 20300
  - The Plug Account
  - Account 20300 – Plug Account 22200
  - Account Dimension – ICPTopMember
- Intercompany Elimination and Consolidation

### Summary

## Lesson 4. HFM Rules

### Rules Overview

### Leading Practices

- Consolidation Rules
- Translation Process
- Intercompany Elimination – Base Entities

### Summary

## 2 Commonly-used Visual Basic Functions and Commands

### Lesson 1. Functions and Commands

If...Then

For... Next

Case

Sub...End Sub

Call

Function...End Function

Sequence of Execution

Circular Account References, Clearing Mechanisms, and Data Explosion

Summary

## 3 Rules Functions and Methods

### Lesson 1. Routines

#### System Defined Subroutines

Calculate()

Translate()

Allocate()

NoInput()

Consolidate()

Dynamic()

Input()

Eliminate()

Basic Rules – HS.EXP and General Syntax

Other Common Functions

HS.CLEAR

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

- HS.VALUE.MEMBER
- HS.ENTITY.MEMBER
- HS.SCENARIO.MEMBER
- HS.VALUE.ISTRANSCUR
- HS.YEAR.MEMBER
- HS.PERIOD.MEMBER
- HS.ENTITY.ISBASE
- HS.GETCELL
- UCASE

- Rules Considerations and Leading Practices
- Summary

### 4 Extract, Edit, Test, and Deploy Rules

- Lesson 1. Use the New Test Application
  - Extract Rules and Other Application Components
  - Summary
- Lesson 2. Quick Rule Editing
  - Edit a Rules File
  - Summary
- Lesson 3. Deploy and Test Rule Changes
  - Determine Fallback Plan
  - Summary

### 5 Member Lists, Variables, and Other Rules Dynamics

- Lesson 1. Create Member List Files
  - Member Lists
  - Create Member List Files
    - EnumMemberLists
    - EnumMembersInList
  - Load and Extract Member Lists
    - Load member lists
    - Extract member lists
  - Summary
- Lesson 2. Variables
  - Create Variables
  - Pass Variables to Subroutines
  - Summary

### 6 Build Rules

- Lesson 1. Build Basic Rules
  - Basic Rules Overview
  - Beginning Balance Roll Forward
  - Net Income Transfer to Balance Sheet
  - Calculate the Balancing Account

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

### Summary

#### Lesson 2. Translation and Dollar Overrides

##### Default Translation Methods

- Application Metadata Settings
- Application Design Considerations
- Default Translation

##### Translation Rules

- Application Design Consideration – Execution Order
- Dollar Override Accounts – Concept
- The GetCell Function
- Dollar Override Example – No Flows
- Dollar Override Example – Opening Balance
- Dollar Override Example – Current Activity
- Currency Translation Adjustment (CTA)

### Summary

#### Lesson 3. Flows

##### Flows Overview

##### PP&E Flow Summary – Input Currency

- Suggested Metadata Setup for PP&E Flows

##### PP&E Flows – PVA Translation Overview

- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
- PP&E Flows – Rules Description
- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
  - Exchange Adjustment – Part One
  - Exchange Adjustment – Part Two
- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
- Opening Balances
- Exchange Impact – Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments

### Summary

#### Lesson 4. Advanced Forecasting

##### Case Study: Rolling Forecast

- Work with Variables
- Set Forecast Equal to Actual
- The NoInput Subroutine
- Forecast Rules – Even Spread
- Forecast Rules – Seasonal Spread

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

### Summary

#### Lesson 5. Ratios

##### Ratios Overview

Return on Assets %

Annualized Net Profit – Account 65001

Average (13-point) Total Assets – Account 65002

Return on Assets (ROA %) – Account 65000

Return on Assets %

Days Sales Outstanding (DSO)

A Simple DSO Example

DSO Rules Description

Logic for Days in Month Account

Logic for DSO Calculation

Days Sales Outstanding

### Summary

## 7 Calculation Manager Demonstration

#### Lesson 1. Calculation Manager

##### Calculation Manager Overview

Calculation Manager Flowcharts

Calculation Manager Views

##### Business Rules Creation Overview

Edit a Business Rule

Edit a Business Rule in Script Mode

##### Business RuleSets Creation Overview

Create a Business RuleSet

Design a Business RuleSet

Add a Business Rule to a RuleSet

### Summary

## 8 Case Study: Create Cash Flow

#### Cash Flow Overview

Cash Flow Accounts

Cash Flow Analysis – Custom 4

Basic DFB Function

Advanced DFB Function

Account by Account Cash Flow Guidelines

#### Local Currency Cash Flow

Write DFB function

Write Cash Flow Rules Using DFB Function

Verify Local Currency Results

#### Translated Cash Flow

Currency Considerations

Translated Currency Cash Flow