

## **Session 41660: Using Hyperion Data Integration Management with Hyperion Planning and Hyperion Essbase**

## Presenter Information



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## Agenda

- Introduction / Functionality
- Example with Planning Metadata
- Example with a Transformation
- Scheduling and Automation
- Gotcha's
- Q&A
- Additional Slides for more detailed and future reference

## **What is Data Integration Management (DIM)**

- DIM is an Extract, Transform, and Load (ETL) tool which works with data and metadata between Hyperion System 9 applications and/or other systems such as SAP, PeopleSoft, Siebel, and Oracle.
- DIM includes bi-directional Hyperion EPM adapters for future use when EPMA is more seasoned.

## What does DIM do?

- DIM supports many different sources and destinations.
  - Essbase Analytic Services
  - Performance Scorecard
  - Financial Management (Metadata via HFM or EPMA Interface)
  - Planning (Metadata via Planning or EPMA Interface and data via Analytic Services Adapter)
  - Relational Sources (Oracle, Sybase, IBM DB2, MS SQL Server, Teradata)
  - SAP/R3
  - SAP BW
  - PeopleSoft
  - Siebel
  - Flat File
- DIM has its own optimization parameters
- DIM has process flow representation functionality
- DIM can not support Analytic Services drill through
- DIM can not support Analytic Services Hybrid Analysis

## **DIM (PowerCenter) and System 9**

- Hyperion System 9.3.0.X uses version 7.1.4 of Informatica PowerCenter.
  - This version of PowerCenter has been integrated with Shared Services
  - User ID's can be imported from Shared Services or created native to Powercenter
- Hyperion System 9.3.1 uses version 7.1.4 or 7.1.5 of Informatica PowerCenter
  - This version of PowerCenter has been integrated with Shared Services
  - User ID's can be imported from Shared Services or created native to Powercenter
- Hyperion System 9.3.1.1 uses version 8.1.1 SP3 of Informatica PowerCenter, which is the latest version of Powercenter as of March 2008.
  - This version and all future versions of PowerCenter will NOT be integrated with Shared Services.
  - All User ID's must be native to Powercenter.
- An existing Informatica Powercenter installation of the appropriate version should be able to be used with the corresponding version of System 9 mentioned above. The adapters for Planning/Essbase would need to be installed on the Powercenter server.
- What does the integration of PowerCenter with Shared Services give you? For most clients it would not matter that it is integrated since 99% of the time only administrators or the internal PowerCenter scheduler would be running the Workflows. The administrators could just have user ID's created natively within PowerCenter.

## **PowerCenter Interfaces**

- Repository Server Administration Console
- Repository Manager
- Designer
- Workflow Manager
- Workflow Monitor

## Repositories

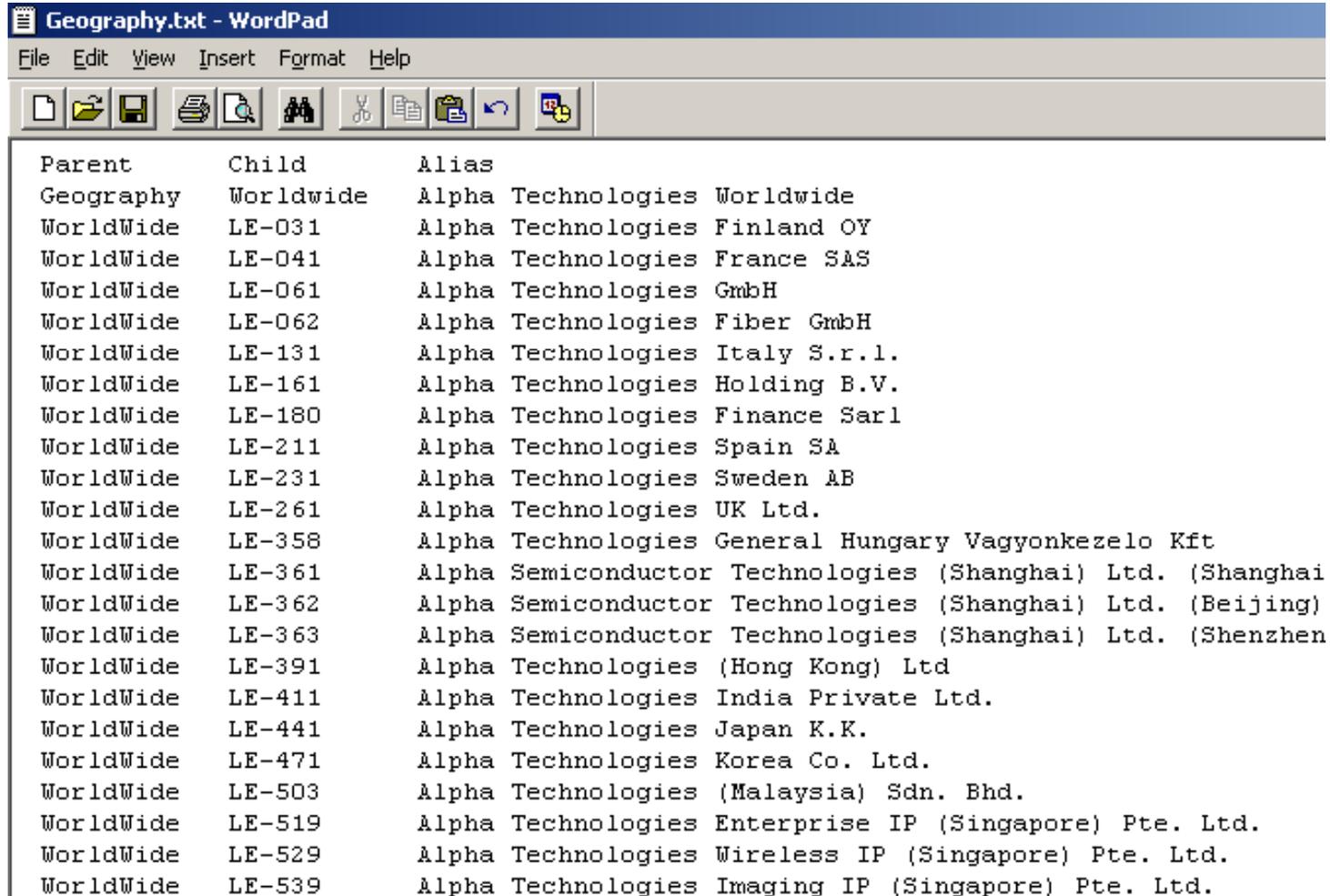
- Repositories are relational databases used by PowerCenter to organize and store objects for ETL use.
- There are two types of Repositories
  - Local
  - Global
- Repositories are Local and do not have Versioning enabled when they are initially created.
- Keeping Repositories Local for Hyperion System 9 should be adequate.
- Global Repositories are usable by all other Local Repositories and should contain any reusable and generic mappings or transformations.
- You can change a Repository to Global or enable Versioning at any time, but these changes will be irreversible.
- When creating a repository on Dev and Prod, do not name the repositories with the exact same name. Doing so would prevent migrating objects via drag and drop.

## Objects Typically Used

- Workflows
  - Session Tasks
    - Mappings
      - Sources
      - Transformations
      - Targets

## **Example with Planning Metadata**

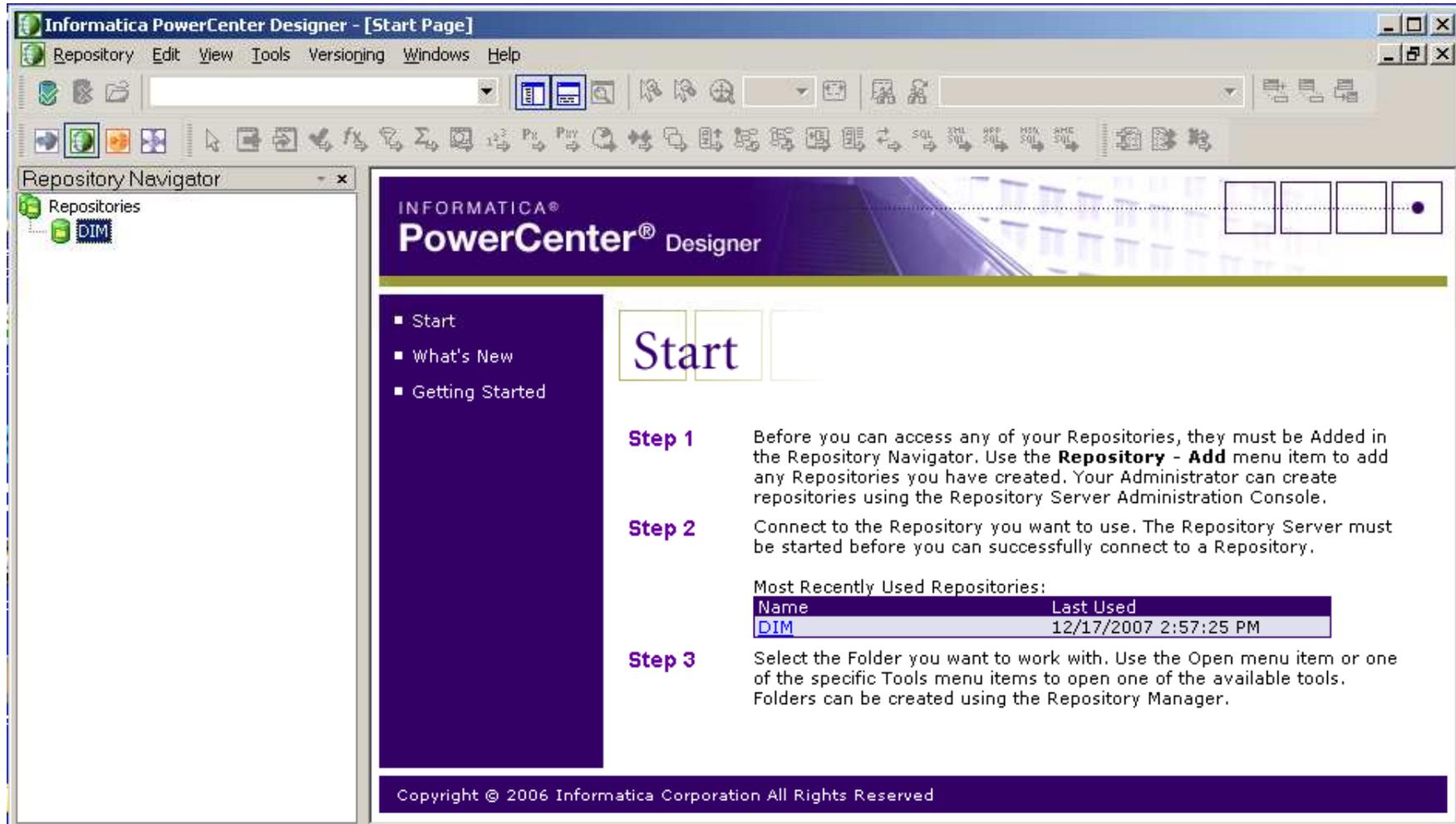
## ERP Hierarchy



The screenshot shows a WordPad window with a menu bar (File, Edit, View, Insert, Format, Help) and a toolbar. The main content area displays a table with three columns: Parent, Child, and Alias. The data is as follows:

Parent	Child	Alias
Geography	Worldwide	Alpha Technologies Worldwide
WorldWide	LE-031	Alpha Technologies Finland OY
WorldWide	LE-041	Alpha Technologies France SAS
WorldWide	LE-061	Alpha Technologies GmbH
WorldWide	LE-062	Alpha Technologies Fiber GmbH
WorldWide	LE-131	Alpha Technologies Italy S.r.l.
WorldWide	LE-161	Alpha Technologies Holding B.V.
WorldWide	LE-180	Alpha Technologies Finance Sarl
WorldWide	LE-211	Alpha Technologies Spain SA
WorldWide	LE-231	Alpha Technologies Sweden AB
WorldWide	LE-261	Alpha Technologies UK Ltd.
WorldWide	LE-358	Alpha Technologies General Hungary Vagyonkezekelo Kft
WorldWide	LE-361	Alpha Semiconductor Technologies (Shanghai) Ltd. (Shanghai)
WorldWide	LE-362	Alpha Semiconductor Technologies (Shanghai) Ltd. (Beijing)
WorldWide	LE-363	Alpha Semiconductor Technologies (Shanghai) Ltd. (Shenzhen)
WorldWide	LE-391	Alpha Technologies (Hong Kong) Ltd
WorldWide	LE-411	Alpha Technologies India Private Ltd.
WorldWide	LE-441	Alpha Technologies Japan K.K.
WorldWide	LE-471	Alpha Technologies Korea Co. Ltd.
WorldWide	LE-503	Alpha Technologies (Malaysia) Sdn. Bhd.
WorldWide	LE-519	Alpha Technologies Enterprise IP (Singapore) Pte. Ltd.
WorldWide	LE-529	Alpha Technologies Wireless IP (Singapore) Pte. Ltd.
WorldWide	LE-539	Alpha Technologies Imaging IP (Singapore) Pte. Ltd.

## Open Designer



The screenshot shows the Informatica PowerCenter Designer application window. The title bar reads "Informatica PowerCenter Designer - [Start Page]". The menu bar includes "Repository", "Edit", "View", "Tools", "Versioning", "Windows", and "Help". The toolbar contains various icons for file operations and data management. On the left, the "Repository Navigator" pane shows a tree view with "Repositories" and a sub-entry "DIM". The main workspace features a purple header with the "INFORMatica® PowerCenter® Designer" logo. Below the header, a "Start" button is visible. To the left of the main content is a dark purple sidebar with a menu: "Start", "What's New", and "Getting Started". The main content area contains three steps:

- Step 1**: Before you can access any of your Repositories, they must be Added in the Repository Navigator. Use the **Repository - Add** menu item to add any Repositories you have created. Your Administrator can create repositories using the Repository Server Administration Console.
- Step 2**: Connect to the Repository you want to use. The Repository Server must be started before you can successfully connect to a Repository.

Most Recently Used Repositories:

Name	Last Used
DIM	12/17/2007 2:57:25 PM

- Step 3**: Select the Folder you want to work with. Use the Open menu item or one of the specific Tools menu items to open one of the available tools. Folders can be created using the Repository Manager.

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## **Create Source files**

- Create 1 source from file:
  - Geography
- Use the first record for Field Headers
- Select field delimiters
- Select field data formats

# Hyperion Program

Informatica PowerCenter Designer - [Source Analyzer - Hyperion - [DIM]]

Repository Edit View Tools Layout Versioning Sources Window Help

Hyperion - [DIM]

Repository Navigator

- Repositories
  - DIM
    - BPMA Interface Tables (SQLServer)
    - Hyperion
      - Business Components
      - Sources
      - Targets
      - Cubes
      - Dimensions
      - Transformations
      - Mapplets
      - Mappings

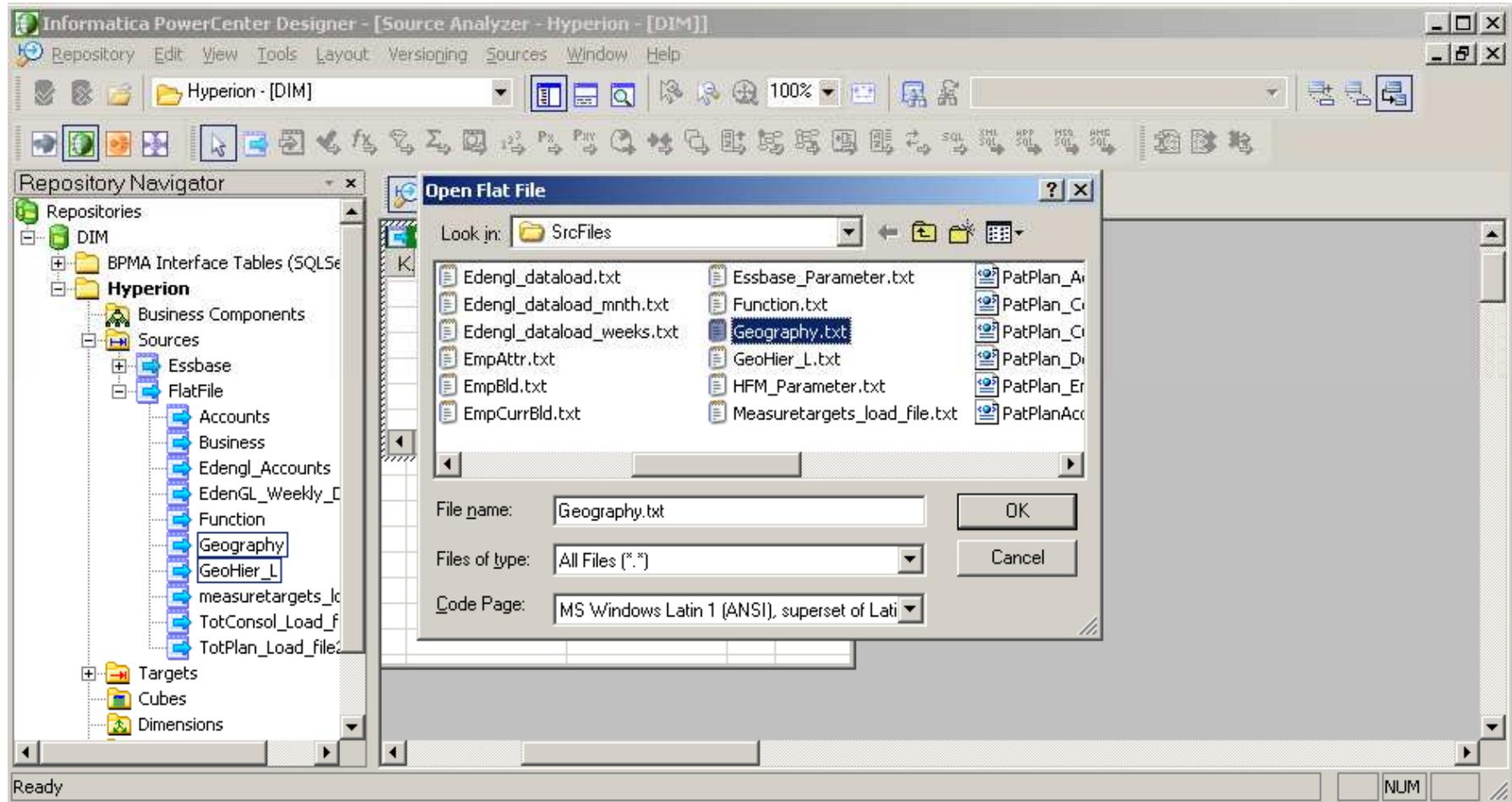
Import from Database...  
Import from File...  
Import from Cgbol File...  
Import XML Definition...  
Profiling  
Import from WSDL (Provider) ...  
Import from Hyperion Performance Scorecard  
Import from Hyperion Analytic Services  
Import from Hyperion Financial Management  
Create...  
Edit...  
Compare...  
Preview Data...

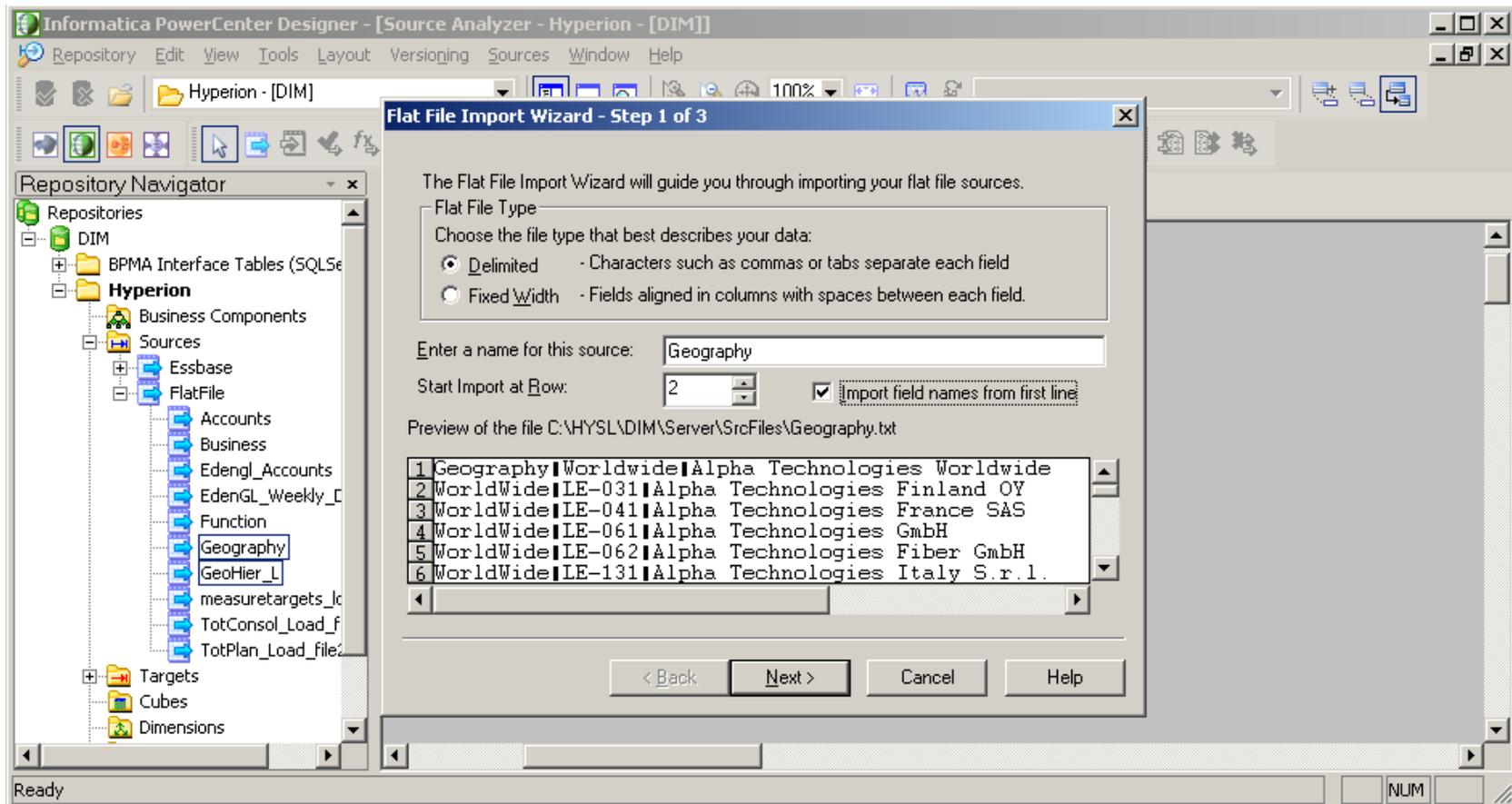
GeoHier\_L (Flat File)

Name	Datatype	L...
Parent	string	43
Child	string	43
		66
		1
		7
		12
		7
Skipvalue	string	7

Import from a Flat File NUM

# Hyperion Program







Informatica PowerCenter Designer - [Source Analyzer - Hyperion - [DIM]]

Repository Edit View Tools Layout Versioning Sources Window Help

Hyperion - [DIM]

100%

**Flat File Import Wizard - Step 3 of 3**

Next, select the name and datatype for each column.

Column Information

Name:

Datatype:

Text Length/Prec.

Numeric Scale

Datetime Width

Source definition:

Name	Type	Len...	Scale	W
Parent	Text	9	-	-
Child	Text	9	-	-
Alias	Text	64	-	-

Parent	Child	Alias
1 GeographyWorldwide	Alpha Technologies Worldwide	
2 WorldWideLE-031	Alpha Technologies Finland OY	
3 WorldWideLE-041	Alpha Technologies France SAS	
4 WorldWideLE-061	Alpha Technologies GmbH	
5 WorldWideLE-062	Alpha Technologies Fiber GmbH	
6 WorldWideLE-131	Alpha Technologies Italy S.r.l.	

< Back Finish Cancel Help

Ready NUM

# Hyperion Program

The screenshot displays the Informatica PowerCenter Designer interface. The title bar reads "Informatica PowerCenter Designer - [Source Analyzer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Sources", "Window", and "Help". The toolbar shows various icons for file operations and data manipulation. The "Repository Navigator" on the left shows a tree structure with "Hyperion" expanded to "Sources" > "FlatFile" > "Geography". The main workspace shows a table for "Geography (Flat File)" with the following data:

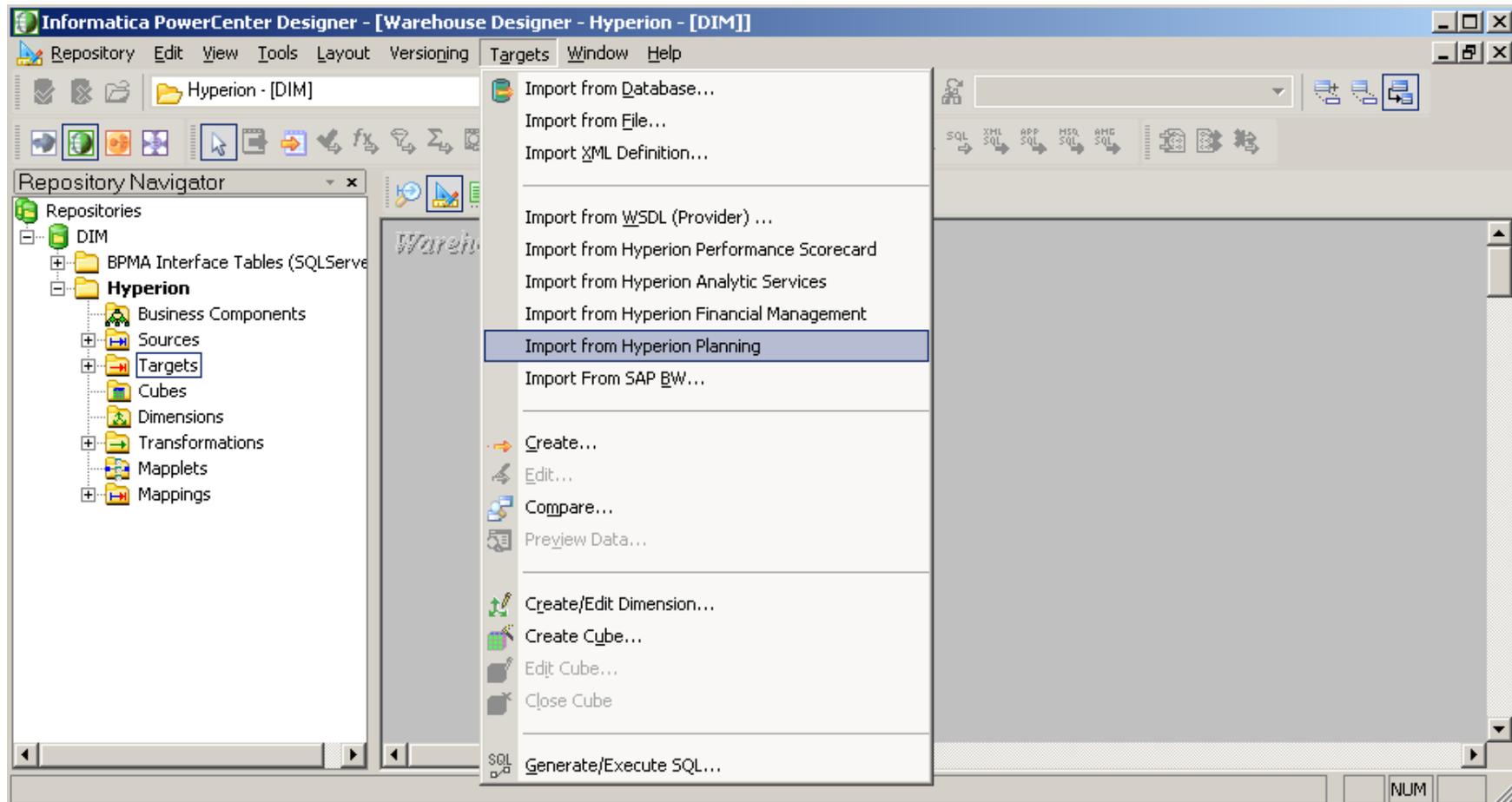
Name	Datatype	Length
Parent	string	43
Child	string	43
Alias	string	66
		1
		7
		12
		7
Skipvalue	string	7

The status bar at the bottom shows "Ready" and "NUM".

## **Create Target**

- Import from Hyperion Planning
- Create DSN
- Connect
- Select Dimension
  - Geography

# Hyperion Program



# Hyperion Program

The screenshot displays the Informatica PowerCenter Desktop interface. The main window is titled "Import Hyperion Planning Targets". On the left, the "Repository Navigator" shows a tree structure with "Hyperion" selected under "Targets". The main area contains a "DSN Information" section with fields for "DSN" (DIMTrain), "Description" (Connection to zDIMDemo App), "Server" (Demodrive), and "RMI port" (11333). Below this is an "Application Information" section with "Application" (DIMTrain), "Username" (demoadmin), and "Password" fields. A "Targets" table is visible with a "Dimension" column. A "Define DSN" sub-dialog is open, mirroring the DSN information fields. The status bar at the bottom shows "Ready" and a "NUM" button. A context menu is open over the "Dimension" column, listing options: "Create/Edit Dimension...", "Create Cube...", "Edit Cube...", "Close Cube", and "Generate/Execute SQL...".

Informatica PowerCenter Desktop

Repository Edit View Tools

Hyperion - [DIT]

Repository Navigator

Repositories

- DIM
  - BPMA Interface Tables (C)
  - Hyperion
    - Business Component
    - Sources
    - Targets
    - Cubes
    - Dimensions
    - Transformations
    - Mapplets
    - Mappings

DSN Information

DSN

Server

Application

Username

Password

Targets

Dimension
-----------

Select All

Create UDA Target

Define DSN

DSN Information

DSN: DIMTrain

Description: Connection to zDIMDemo App

Server Information

Server: Demodrive

RMI port: 11333

Get applications

Application Information

Application: DIMTrain

Username: demoadmin

Password:

Test connectivity

OK Cancel Help About

Order by Input

Ready

NUM

- Create/Edit Dimension...
- Create Cube...
- Edit Cube...
- Close Cube
- Generate/Execute SQL...

NUM

Informatica PowerCenter De

Repository Edit View Tools

Hyperion - [DI

Repository Navigator

Repositories

- DIM
  - BPMA Interface Tables (
  - Hyperion**
    - Business Component
    - Sources
    - Targets**
    - Cubes
    - Dimensions
    - Transformations
    - Mapplets
    - Mappings

Ready

### Import Hyperion Planning Targets

DSN Information

DSN: DIMTrain

Server: Demodrive

Application: DIMTrain

Username: demoadmin

Password: \*\*\*\*\*

Connect

OK

Cancel

Help

About

Targets

	Dimension	Table Name	Sort in Parent/Child Order	Load Order by Input
<input type="checkbox"/>	Accounts	DIMTrain:Accounts	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Business	DIMTrain:Business	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Geography	DIMTrain:Geography	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Function	DIMTrain:Function	<input type="checkbox"/>	<input type="checkbox"/>

Select All

Clear All

Create UDA Target

NUM

# Hyperion Program

Informatica PowerCenter Designer - [Warehouse Designer - Hyperion - [DIM]]

Repository Edit View Tools Layout Versioning Targets Window Help

Hyperion - [DIM]

Repository Navigator

- Repositories
  - DIM
    - BPMA Interface Tables (SQLSe
    - Hyperion
      - Business Components
      - Sources
      - Targets
        - AcctBldTarget
        - CoCodeBld
        - DIMTrain:Accounts
        - DIMTrain:Business
        - DIMTrain:Function
        - DIMTrain:Geography**
        - EdenGL\_Accounts\_File
        - EdenGL\_Accounts\_loa
        - EdenGL\_Data\_load
        - EdenGL\_file
        - MeasureTargetsValues
        - TotConsol
      - Cubes
      - Dimensions

Warehouse Designer

DIMTrain:Geography (HyperionPlanning)

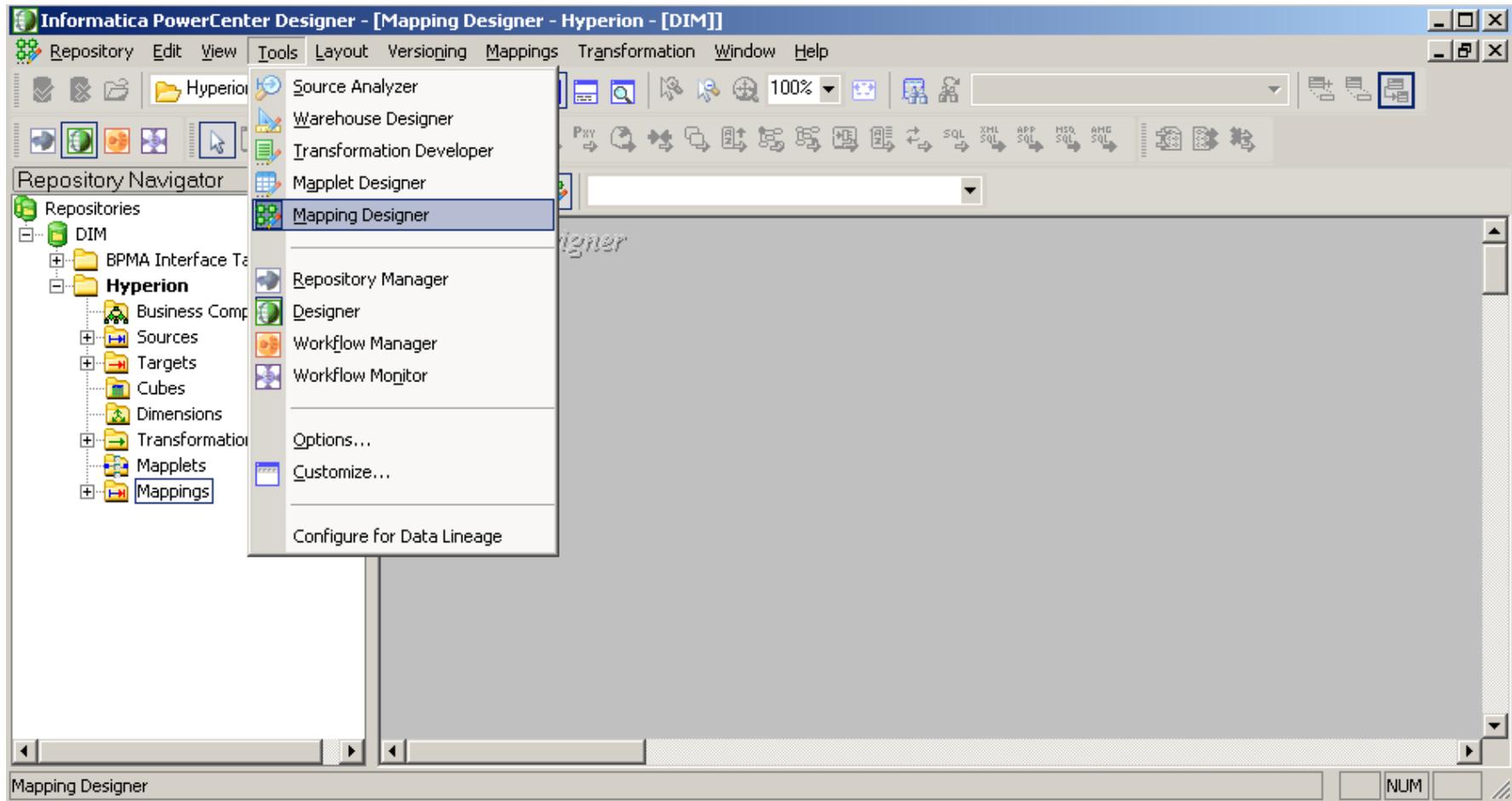
Name	Datatype	Length...
Geography	Text	255
Parent	Text	255
Alias: Default	Text	255
Valid For Consolidations	Text	255
Data Storage	Text	255
Two Pass Calculation	Text	255
Description	Text	255
Formula	Text	255
UDA	Text	255
Smart List	Text	255
Data Type	Text	255
Operation	Text	255
Aggregation (FinStmt)	Text	255
Aggregation (Plan2)	Text	255
Aggregation (Plan3)	Text	255

Ready NUM

## **Create Mapping**

- Go to Mapping Designer
- Create DIMTrain\_GeoBld
- Drag Geography Source
- Drag DIMTrain\_Geography Target
- Make sure field data types match
- Link data fields to targets

# Hyperion Program



The screenshot displays the Informatica PowerCenter Designer interface for a mapping design. The main workspace is titled "Mapping Designer" and shows a source definition for "Geography (Flat File)" with columns: Name, Parent (string), Child (string), and Alias. A "SQL SQ\_Geography Source Qualifier" is also visible, containing columns: Name, Parent (string), Child (string), and Alias (string). The "Repository Navigator" on the left shows a tree structure with "Targets" expanded, listing various targets such as "AcctBldTarget", "CoCodeBld", "DIMTrain:Accounts", "DIMTrain:Business", "DIMTrain:Function", "DIMTrain:Geography", "EdenGL\_Accounts\_File", "EdenGL\_Accounts\_loa", "EdenGL\_Data\_load", "EdenGL\_file", "MeasureTargetsValue:", and "TotConsol".

On the right side, the "Target Definition" table for "DIMTrain\_Geography (Hy...)" is shown, listing various attributes and their data types:

Name	Datatype
Geography	Text
Parent	Text
Alias: Default	Text
Valid For Co...	Text
Data Storage	Text
Two Pass C...	Text
Description	Text
Formula	Text
UDA	Text
Smart List	Text
Data Type	Text
Operation	Text
Aggregation ...	Text
Aggregation ...	Text

The screenshot displays the Informatica PowerCenter Designer interface, specifically the Mapping Designer window. The interface is titled "Informatica PowerCenter Designer - [Mapping Designer - Hyperion - [DIM]]". The menu bar includes Repository, Edit, View, Tools, Layout, Versioning, Mappings, Transformation, Window, and Help. The toolbar contains various icons for navigation and tool execution. The Repository Navigator on the left shows a tree structure with folders like "EdenGL\_Accounts", "Geography", and "Targets". The main workspace is titled "Mapping Designer" and shows a mapping between a source and a target.

**Source Definition: Geography (Flat File)**

K	Name	Datatype
	Parent	string
	Child	string
	Alias	

**Source Qualifier: SQ\_Geography (SQL)**

Name	Datatype
Parent	string
Child	string
Alias	string

**Target Definition: DIMTrain\_Geography (Hy...)**

Name	Datatype
Geography	Text
Parent	Text
Alias: Default	Text
Valid For Co...	Text
Data Storage	Text
Two Pass C...	Text
Description	Text
Formula	Text
UDA	Text
Smart List	Text
Data Type	Text
Operation	Text
Aggregation ...	Text
Aggregation ...	Text

Blue arrows indicate the mapping from the source fields to the target fields: Parent to Parent, Child to Child, and Alias to Alias. The status bar at the bottom shows "Ready" and "NUM".

## **Create a Workflow**

- Go to Workflow Manager
- Create w\_DIMTrain\_GeoBld workflow
  - Use Wizard
  - Name workflow
  - Select DIMTrain\_GeoBld mapping

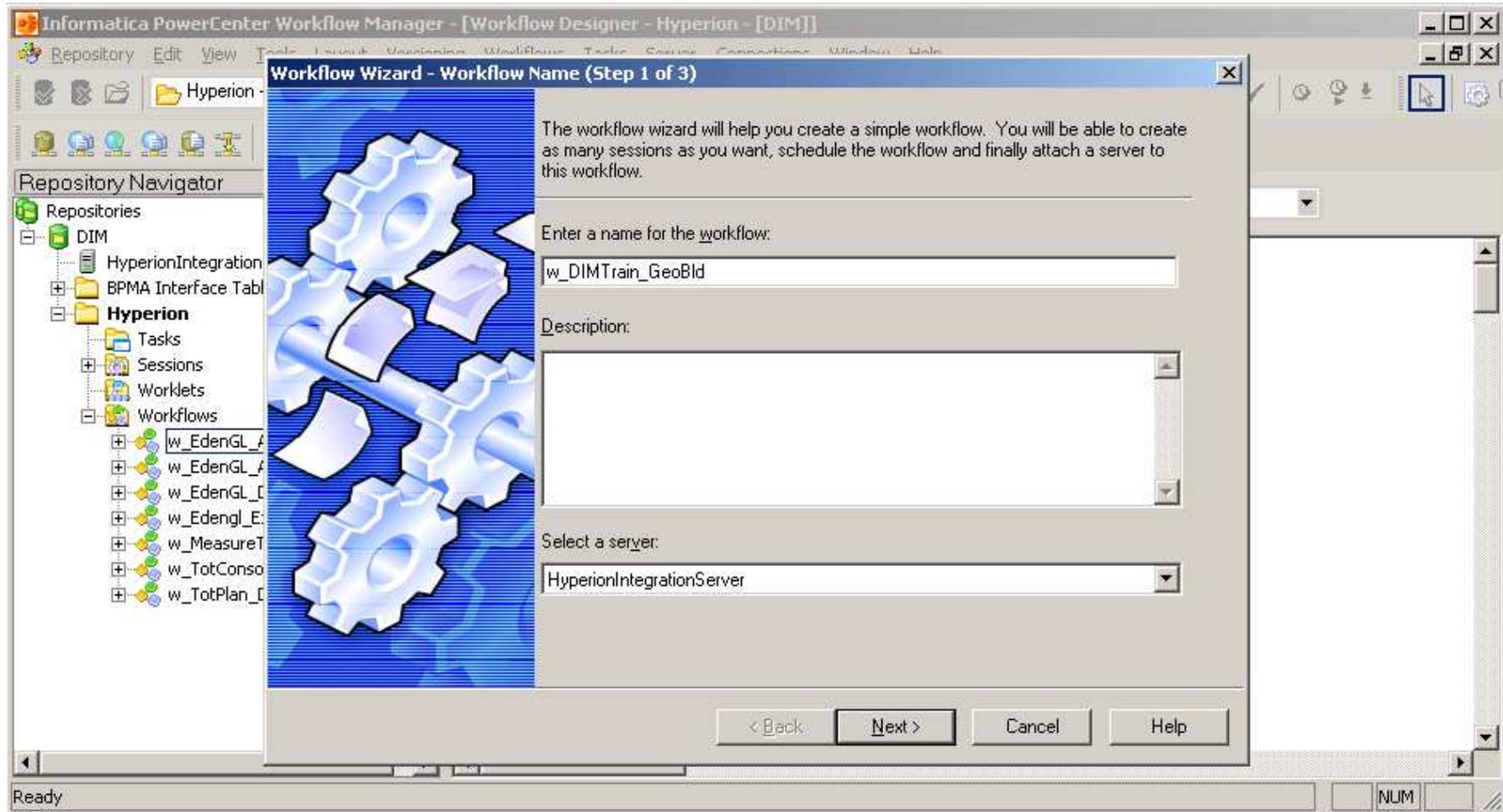
# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The main window shows a workflow diagram in the "Workflow Designer" view. The diagram consists of a green arrow labeled "Start" connected by a blue arrow to a task node labeled "s\_DIMTrain\_Geo...". The task node icon depicts a document with a gear. On the left, the "Repository Navigator" shows a tree structure with "Hyperion" selected. The status bar at the bottom indicates "Ready" and "NUM".

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The "Workflows" menu is open, showing options: "Create...", "Edit...", "Close", "Delete", "Start Workflow", "Validate", "Schedulers...", "Compare...", "Dependencies...", and "Wizard". The "Repository Navigator" on the left shows a tree structure with "Hyperion" selected. The main workspace shows a workflow diagram with a "Start" node and a task node "s\_DIMTrain\_Geo...". A green arrow points from the "Start" node to the task node. The status bar at the bottom contains the text "Create a workflow using the workflow wizard" and a "NUM" button.

# Hyperion Program



**Workflow Wizard - Create Sessions (Step 2 of 3)**

**Sessions**  
Select the mappings that you want to create sessions for.  
Use the arrows on the right to specify the order of the sessions in the workflow.

Select the mappings:

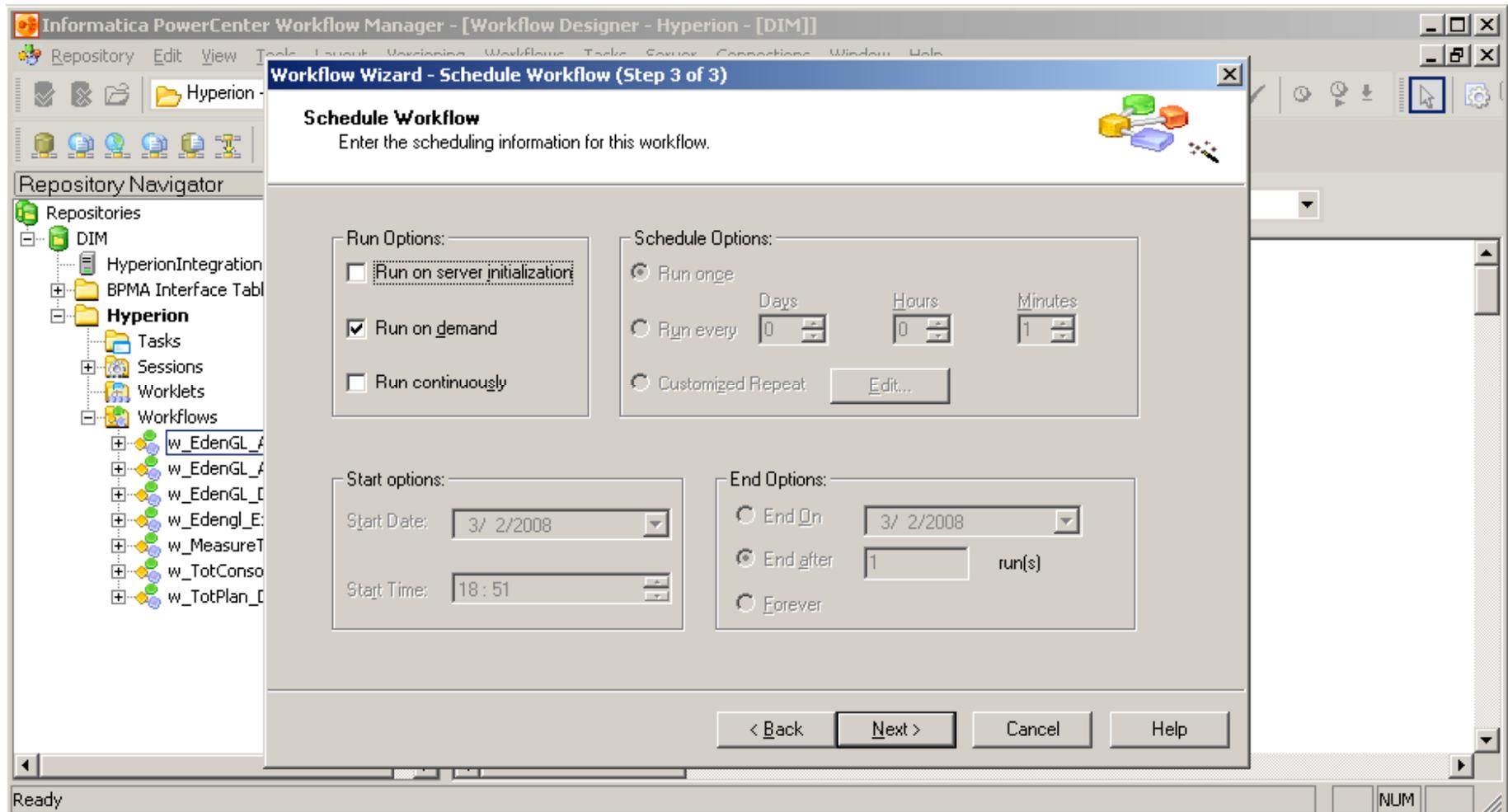
- DIMTrain\_GeoBld
- m\_EdenGL\_Accounts\_Metadata\_Extract
- m\_EdenGL\_Accounts\_Metadata\_Load
- m\_EdenGL\_Data\_Extract
- m\_EdenGL\_Dataload\_Transform
- m\_MeasureTargets\_dataload
- m\_Totconso\_dataload\_Transform
- m\_TotPlan\_Dataload\_Transform

Sessions to be created:

Name	Reusable
s_DIMTrain_GeoBld	<input type="checkbox"/>

Run a session only if the previous session completed successfully.

< Back   Next >   Cancel   Help



Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]

Repository Edit View Tools Layout Utilities Workflow Tools Server Properties Window Help

Hyperion

Repository Navigator

- Repositories
  - DIM
    - HyperionIntegration
    - BPMA Interface Tabl
    - Hyperion**
      - Tasks
      - Sessions
      - Worklets
      - Workflows
        - w\_EdenGL\_f
        - w\_EdenGL\_f
        - w\_EdenGL\_I
        - w\_Edengl\_E:
        - w\_MeasureT
        - w\_TotConso
        - w\_TotPlan\_I

**Workflow Wizard - Finish**

The workflow will be created with the following details:

Property	Value
Name	w_DIMTrain_GeoBld
Server	HyperionIntegrationServer
Sessions	s_DIMTrain_GeoBld
Scheduler	
Run Options	Run on demand

< Back Finish Cancel Help

Ready NUM

# Hyperion Program

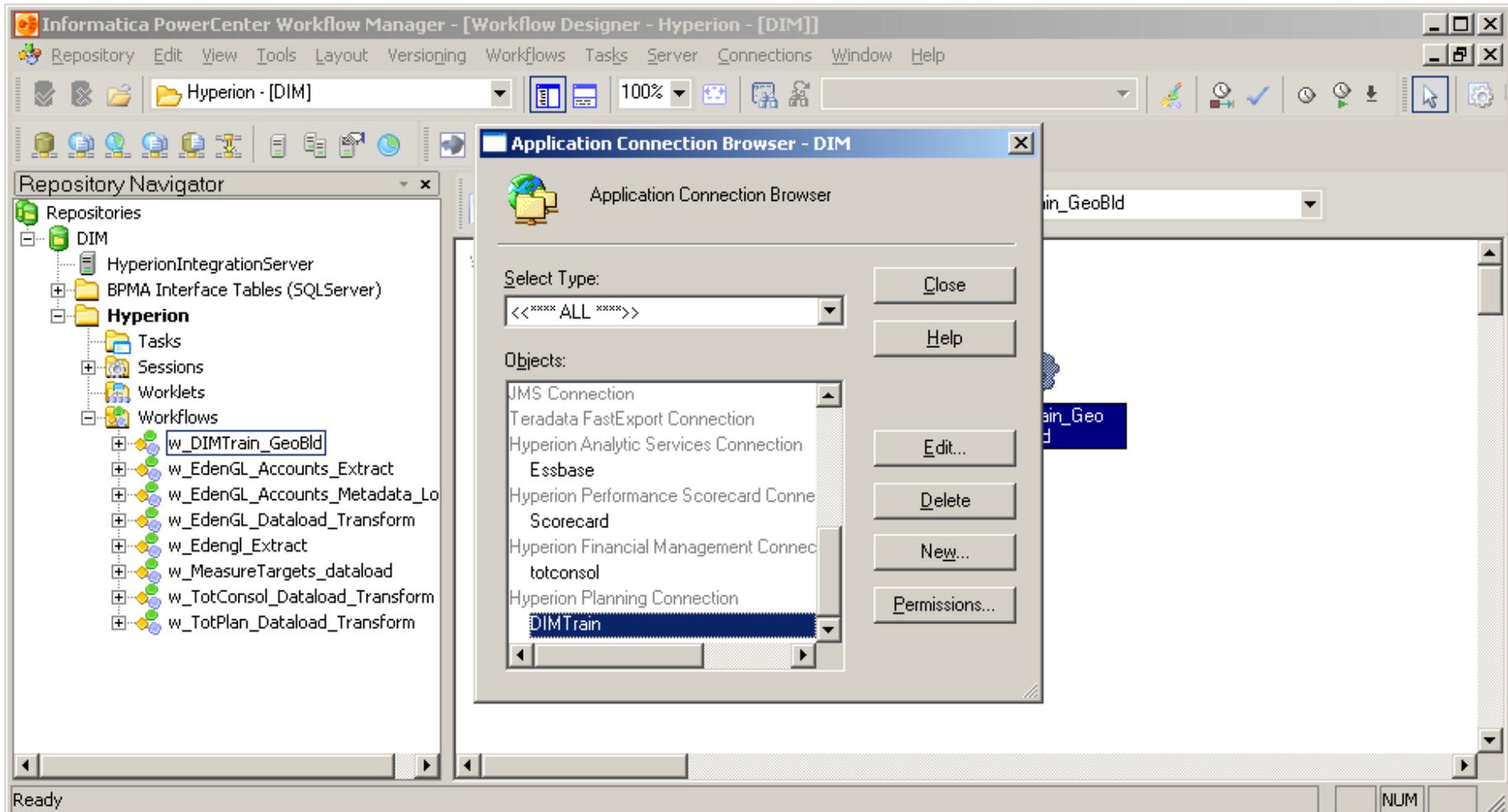
The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The toolbar shows various icons for file operations and workflow management. The "Repository Navigator" on the left shows a tree structure with "Hyperion" expanded to "Workflows", where "w\_DIMTrain\_GeoBld" is selected. The "Workflow Designer" pane shows a workflow diagram with a "Start" node (a green arrow) connected to a task node "s\_DIMTrain\_GeoBld" (a blue box with a gear icon). The status bar at the bottom indicates "Ready" and "NUM".

## **Set Connections**

- Go to the Application Connections
- Make sure the Planning application selected is DIMTrain

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The toolbar shows various icons for workflow management. The "Repository Navigator" on the left shows a tree structure with "Hyperion" selected, and "w\_DIMTrain\_GeoBld" highlighted under "Workflows". The "Workflow Designer" area shows a workflow with a "Start" node (green arrow) connected to a task node "s\_DIMTrain\_GeoBld" (blue box). A context menu is open over the task node, listing options: "Relational...", "Queue...", "ETP...", "Application...", "Loader...", and "Replace...". The status bar at the bottom indicates "Create/Edit Application Connection" and "NUM".



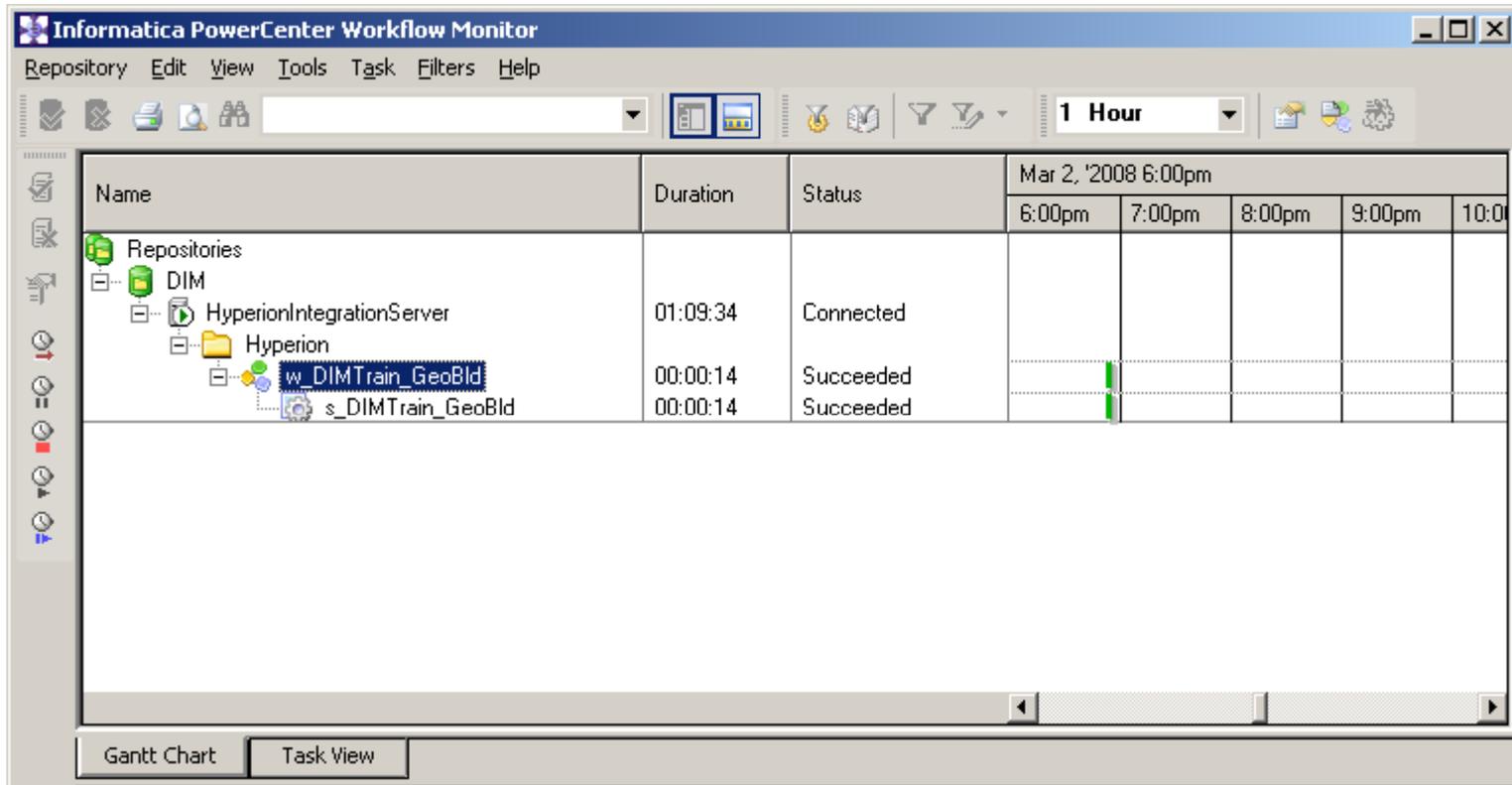
## Run the Workflow

- Start the w\_DIMTrain\_GeoBld workflow
- Check Planning to see the metadata build
- Refresh Essbase
- Check the Essbase outline for outline updates

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The main window shows a workflow diagram with a "Start" node (green arrow) and a task node "s\_DIMTrain\_GeoBld" (blue box). A context menu is open over the workflow, listing options such as "Allow Docking", "Hide", "Open", "Start Workflow", "Schedule Workflow", "UnSchedule Workflow", "Properties", "Dependencies...", "Export Objects...", "Duplicate", "View Persistent Values...", and "Validate". The "Start Workflow" option is highlighted. The Repository Navigator on the left shows a tree structure with "Hyperion" expanded, containing "Tasks", "Sessions", "Worklets", and "Workflows". The "Workflows" folder is expanded, showing a list of workflow objects including "w\_DIMTrain\_GeoBld".

# Hyperion Program



File Edit View Administration Tools Help

Dimensions

Folders

- Forms

Geography Add Dimension Edit Dimension Sort: Descendants

Expand Collapse Add Child Add Sibling Cut Paste Edit Delete Custom

Name (283 Total)	Alias (Default)
Geography	
Worldwide	Alpha Technologies Worldwide
LE-031	Alpha Technologies Finland OY
LE-041	Alpha Technologies France SAS
LE-061	Alpha Technologies GmbH
LE-062	Alpha Technologies Fiber GmbH
LE-131	Alpha Technologies Italy S.r.l.
LE-161	Alpha Technologies Holding B.V.
LE-180	Alpha Technologies Finance Sarl
LE-211	Alpha Technologies Spain SA
LE-231	Alpha Technologies Sweden AB
LE-261	Alpha Technologies UK Ltd.
LE-358	Alpha Technologies General Hungary Vagyonkezeslo Kft
LE-361	Alpha Semiconductor Technologies (Shanghai) Ltd. (Shanghai)

Data Forms in Forms

- No forms available

Page: 1 of 4 Go Start Prev Next End

# Hyperion Program

Hyperion System 9 BI+ Analytic Administration Services 9.3.0 - demoadmin connected on demodrive

File Edit View Outline Organize Actions Tools Help

Outline Editor: [demodrive.DIMTrain.FinStmt]

Outline Properties Modifications

- [-] Geography <1> (Never Share)
  - [-] Worldwide (+) <47> (Alias: Alpha Technologies Worldwide) (Never Share)
    - [+] LE-031 (+) <4> (Alias: Alpha Technologies Finland OY) (Never Share)
    - [+] LE-041 (+) <5> (Alias: Alpha Technologies France SAS) (Never Share)
    - [+] LE-061 (+) <5> (Alias: Alpha Technologies GmbH) (Never Share)
    - [+] LE-062 (+) <5> (Alias: Alpha Technologies Fiber GmbH) (Never Share)
    - [+] LE-131 (+) <5> (Alias: Alpha Technologies Italy S.r.l.) (Never Share)
    - [+] LE-161 (+) <5> (Alias: Alpha Technologies Holding B.V.) (Never Share)
    - [+] LE-180 (+) <5> (Alias: Alpha Technologies Finance Sarl) (Never Share)
    - [+] LE-211 (+) <5> (Alias: Alpha Technologies Spain SA) (Never Share)
    - [+] LE-231 (+) <5> (Alias: Alpha Technologies Sweden AB) (Never Share)
    - [+] LE-261 (+) <5> (Alias: Alpha Technologies UK Ltd.) (Never Share)
    - [+] LE-358 (+) <5> (Alias: Alpha Technologies General Hungary Vagyonkezekelo Kft) (Never Share)
    - [+] LE-361 (+) <5> (Alias: Alpha Semiconductor Technologies (Shanghai) Ltd. (Shanghai)) (Never Share)
    - [+] LE-362 (+) <5> (Alias: Alpha Semiconductor Technologies (Shanghai) Ltd. (Beijing)) (Never Share)
    - [+] LE-363 (+) <5> (Alias: Alpha Semiconductor Technologies (Shanghai) Ltd. (Shenzhen)) (Never Share)
    - [+] LE-391 (+) <5> (Alias: Alpha Technologies (Hong Kong) Ltd) (Never Share)
    - [+] LE-411 (+) <5> (Alias: Alpha Technologies India Private Ltd.) (Never Share)
    - [+] LE-441 (+) <5> (Alias: Alpha Technologies Japan K.K.) (Never Share)

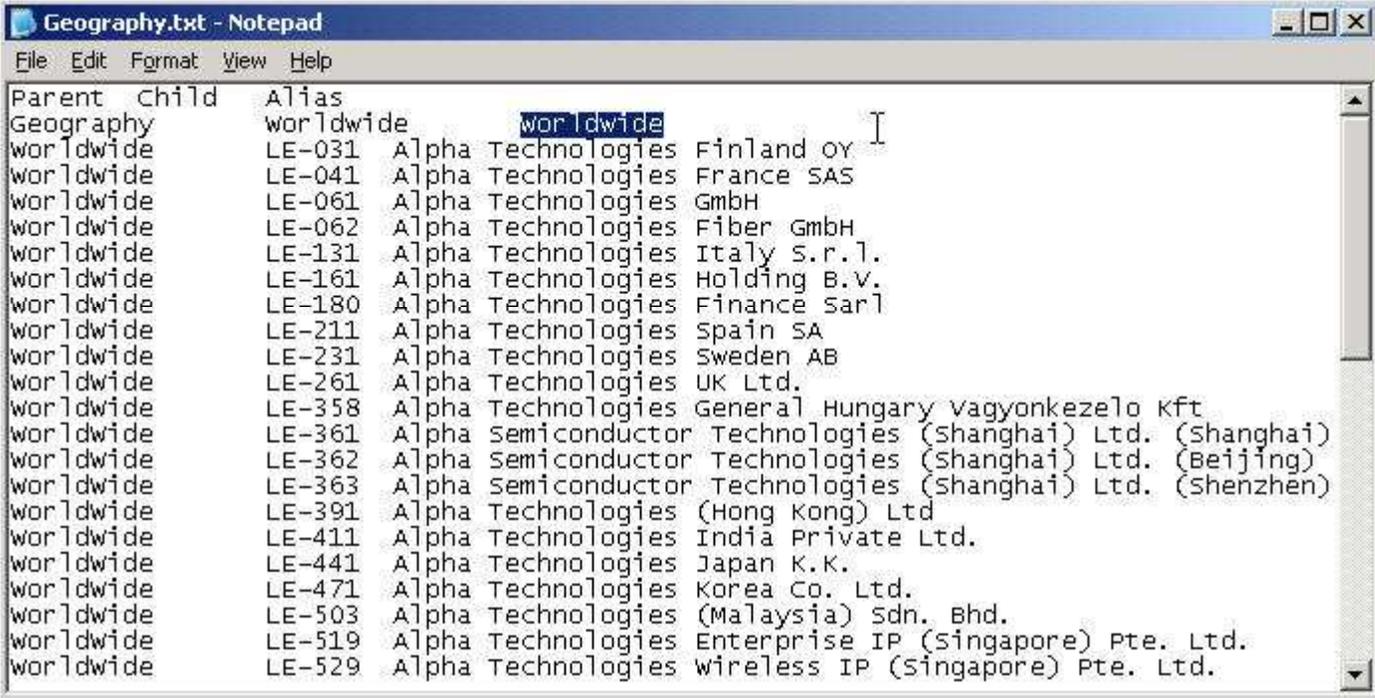
Enterprise  
BR Lang  
BR Out

Save Verify Help Close

## Example with Transformation

- Delete the members underneath the Geography dimension in Planning
- Change the Alias to “worldwide” for the Child “Worldwide”
- Create an Expression Transformation called ValidateAlias
- Add the Transformation to the Dimtrain Mapping
- Refresh the wf\_Dimtrain Workflow

## After changing the record in the file



```
Geography.txt - Notepad
File Edit Format View Help
Parent Child Alias
worldwide worldwide worldwide Finland oy
worldwide LE-041 Alpha Technologies France SAS
worldwide LE-061 Alpha Technologies GmbH
worldwide LE-062 Alpha Technologies Fiber GmbH
worldwide LE-131 Alpha Technologies Italy S.r.l.
worldwide LE-161 Alpha Technologies Holding B.V.
worldwide LE-180 Alpha Technologies Finance sarl
worldwide LE-211 Alpha Technologies Spain SA
worldwide LE-231 Alpha Technologies Sweden AB
worldwide LE-261 Alpha Technologies UK Ltd.
worldwide LE-358 Alpha Technologies General Hungary Vagyonkezele Kft
worldwide LE-361 Alpha semiconductor Technologies (Shanghai) Ltd. (Shanghai)
worldwide LE-362 Alpha semiconductor Technologies (Shanghai) Ltd. (Beijing)
worldwide LE-363 Alpha semiconductor Technologies (Shanghai) Ltd. (Shenzhen)
worldwide LE-391 Alpha Technologies (Hong Kong) Ltd
worldwide LE-411 Alpha Technologies India Private Ltd.
worldwide LE-441 Alpha Technologies Japan K.K.
worldwide LE-471 Alpha Technologies Korea Co. Ltd.
worldwide LE-503 Alpha Technologies (Malaysia) Sdn. Bhd.
worldwide LE-519 Alpha Technologies Enterprise IP (Singapore) Pte. Ltd.
worldwide LE-529 Alpha Technologies wireless IP (Singapore) Pte. Ltd.
```

## After deleting members from Planning

The screenshot displays the Hyperion Planning interface. At the top, there are tabs for 'Dimensions', 'Performance Settings', and 'Evaluation Order'. Below these, there is a search bar with 'Geography' selected, and buttons for 'Add Dimension' and 'Edit Dimension'. To the right, there is a 'Sort' dropdown set to 'Descendants' and a 'Search' dropdown set to 'Name'. Below the search bar, there are several action buttons: 'Expand', 'Collapse', 'Add Child', 'Add Sibling', 'Cut', 'Paste', 'Edit', 'Delete', 'Custom Attributes', 'Show Ancestors', and 'Show Usage'. The main area contains a table with the following columns: 'Name (1 Total)', 'Alias (Default)', 'Data Storage', 'Security', 'Attributes', and 'Plan Type'. The table has one row with the following values: 'Geography', 'Never Share', and '1'. A mouse cursor is visible over the table.

Name (1 Total)	Alias (Default)	Data Storage	Security	Attributes	Plan Type
Geography	Never Share				1

## After Running wf\_Dimtrain with the updated file

The screenshot displays the Dimensions tool interface. At the top, there are tabs for 'Dimensions', 'Performance Settings', and 'Evaluation Order'. Below the tabs, there is a search bar with 'Geography' entered, and buttons for 'Add Dimension' and 'Edit Dimension'. To the right, there is a 'Sort' dropdown set to 'Descendants' and a 'Search' dropdown set to 'Name'. Below the search bar, there are several action buttons: 'Expand', 'Collapse', 'Add Child', 'Add Sibling', 'Cut', 'Paste', 'Edit', 'Delete', 'Custom Attributes', 'Show Ancestors', and 'Show Usage'. The main area shows a table with the following data:

Name (1 Total)	Alias (Default)	Data Storage	Security	Attributes	Plan Type
Geography		Never Share			1

## Session Log with the Errors using the updated file

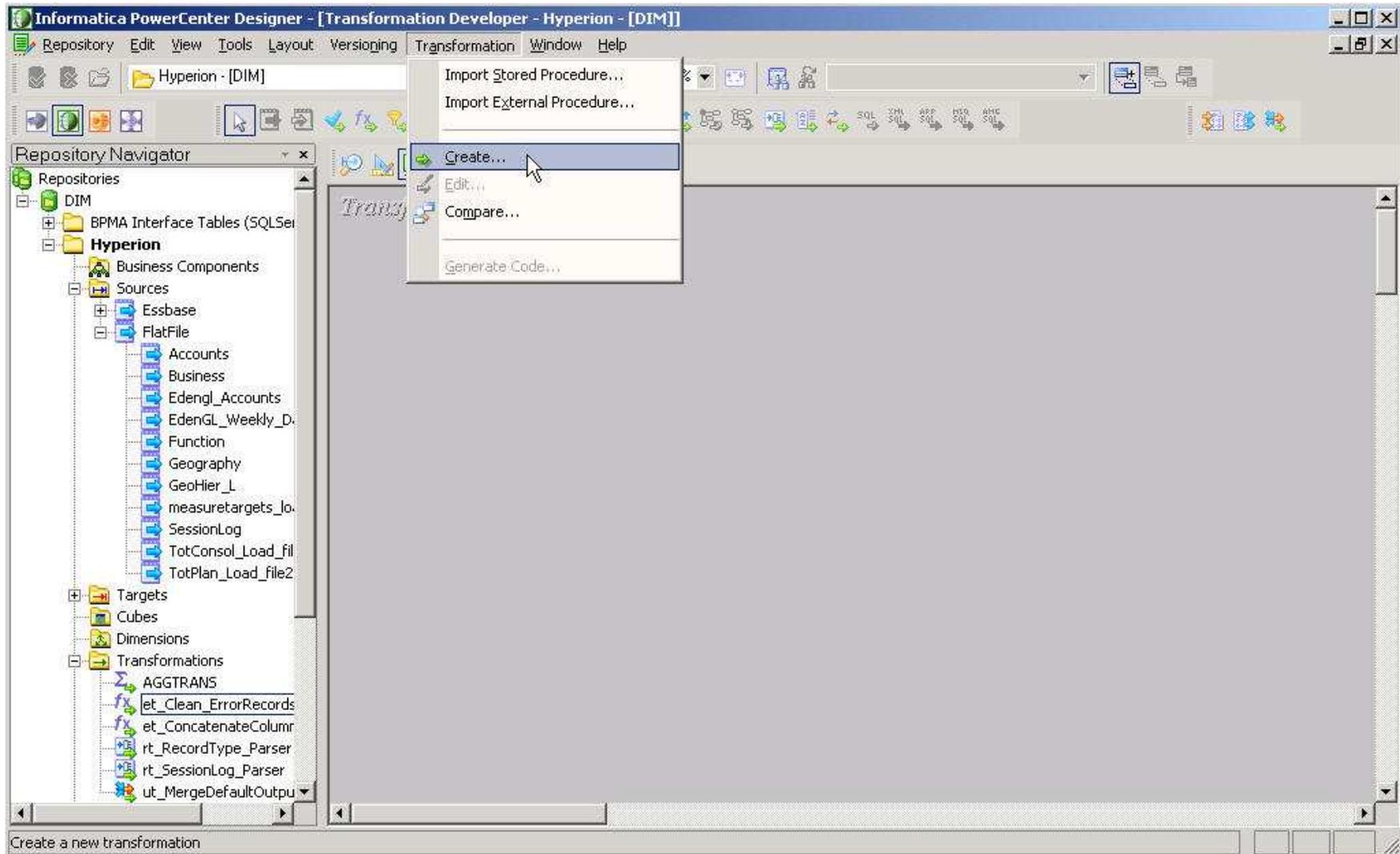
```
SampleFailure.log - Notepad
File Edit Format View Help
WRITER_1_*_1> [Planning writer] [DEBUG] Loading values: [[worldwide, Geography,
worldwide, null, null, null, null, null, null, null, null, null]]
WRITER_1_*_1> wed Mar 05 17:42:30 2008
WRITER_1_*_1> [Planning writer] [ERROR] Record [[worldwide, Geography, worldwide,
null, null, null, null, null, null, null, null, null]] was rejected by the
Planning Server.
WRITER_1_*_1> wed Mar 05 17:42:30 2008
WRITER_1_*_1> [Planning writer] [ERROR] Error occurred during load process. Cannot
load dimension member, error message is: java.lang.RuntimeException:
com.hyperion.planning.DuplicateObjectException: An object with the name worldwide
already exists.
WRITER_1_*_1> [Planning writer] [DEBUG] Loading values: [[LE-031, worldwide, Alpha
Technologies Finland OY, null, null, null, null, null, null, null, null,
```

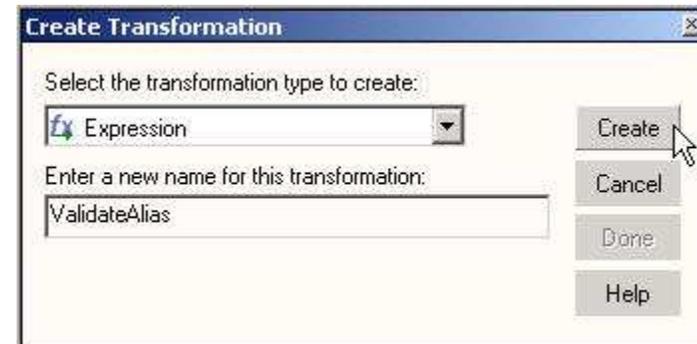
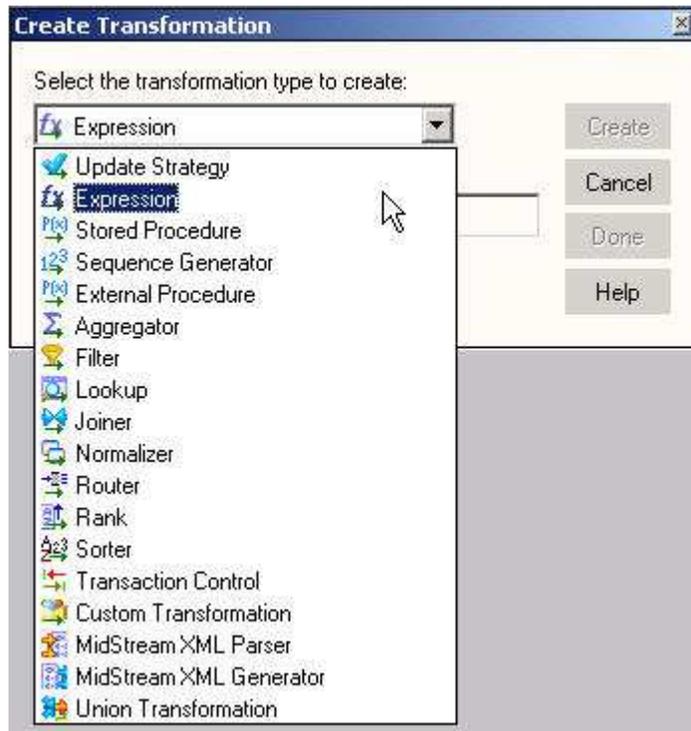
```
SampleFailure.log - Notepad
File Edit Format View Help
SESSION LOAD SUMMARY
=====
MAPPING> TM_6252 Source Load Summary.
MAPPING> CMN_1740 Table: [SQ_Geography] (Instance Name: [SQ_Geography])
Output Rows [48], Affected Rows [48], Applied Rows [48], Rejected Rows [0]
MAPPING> TM_6253 Target Load Summary.
MAPPING> CMN_1740 Table: [DimTrain:Geography] (Instance Name: [DimTrain_Geography])
Output Rows [0], Affected Rows [0], Applied Rows [0], Rejected Rows [48]
MAPPING> TM_6023
=====
MASTER> PETL_24002 Parallel Pipeline Engine finished.
MASTER> PETL_24012 Session run completed successfully.
```

## **Create a Expression Transformation**

- Create and name Expression Transformation Object
- Add Input and Output ports with appropriate data types and precisions
- Add the expression (formula) to the appropriate Output ports
- Add and/or link the transformation in the mapping

# Hyperion Program





## Example of a reusable Transformation

The screenshot displays the Informatica PowerCenter Designer interface. The Repository Navigator on the left shows a tree structure with 'Hyperion' expanded to 'Transformations', where 'ValidateAlias' is highlighted. The main workspace, titled 'Transformation Developer', shows a table for the 'ValidateAlias' transformation. The table has columns for Name, Description, and Length. The 'ValidateAlias' transformation is listed with a description of '<None>' and a length of 80. A tooltip is visible over the 'ValidateAlias' row, showing the 'Name' and 'Description' fields.

Name	Description	Length
Child		80
AliasInput	<None>	80
AliasOutput	IIF(UPPER(C... string	80

“Add Port” button

Transformation Ports Properties Metadata Extensions

Select transformation:

Transformation type:

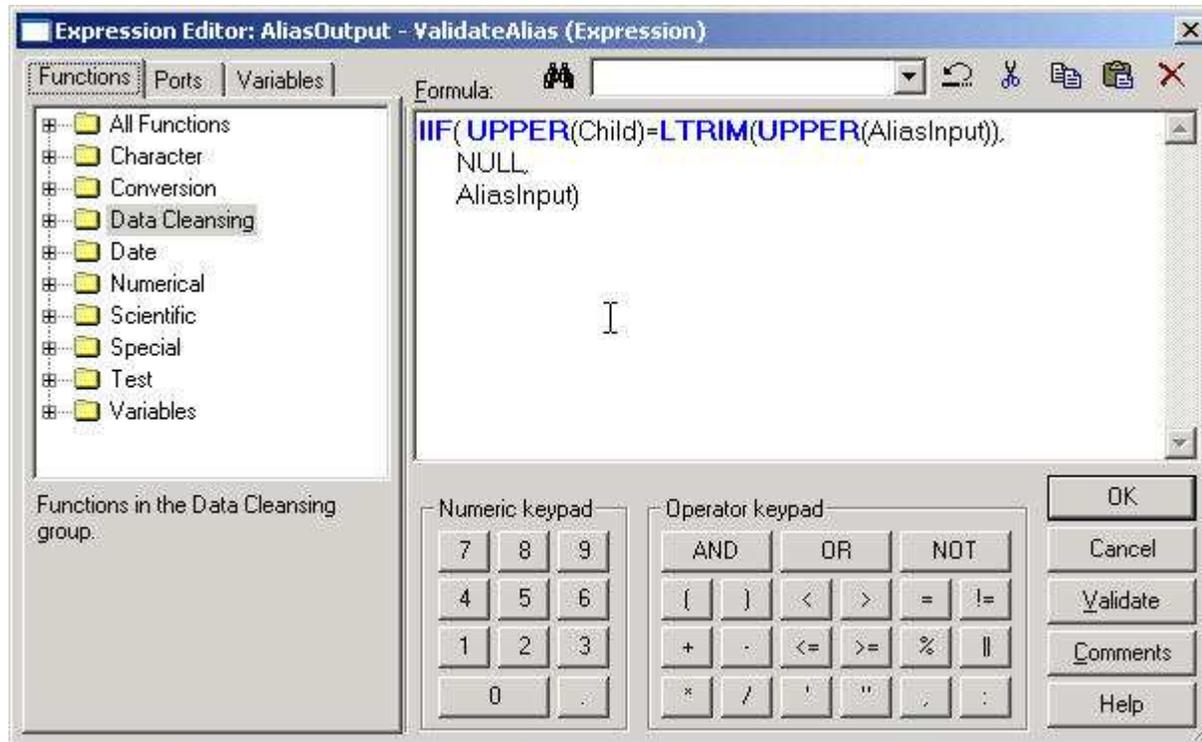
	Port Name	Datatype	Prec	Scale	I	O	V	Expression
1	Child	string	80	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child
2	AliasInput	string	80	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	AliasOutput	string	80	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AliasOutput

Default value:

Description:

OK Cancel Apply Help

“Edit Expression” button



# Hyperion Program

The screenshot displays the Informatica PowerCenter Designer interface for a mapping design. The main workspace shows a mapping from a source table to a target table, connected by a transformation.

**Source Table: SQL\_Geography**

Name	Datatype
Parent	string
Child	string
Alias	string

**Transformation: ValidateAlias**

Name	Description
Child	
AliasInput	
AliasOutput	IIF( (

**Target Table: DimTrain\_Geography**

Name	Datatype
Geography	Text
Parent	Text
Alias: Default	Text
Child For Co...	Text
ta Storage	Text

**Output Window:**

```
Parsing expression IIF( UPPER(Child)=LTRIM(UPPER(AliasInput)),  
NULL,  
AliasInput)  
-----  
Field:Child found  
Field:AliasInput found  
Field:AliasInput found
```

# Hyperion Program

The screenshot displays the Informatica PowerCenter Designer interface for a mapping project. The main workspace shows a mapping design with three components: a source table, a transformation, and a target table.

**Source Table: SQ\_Geography**

Name	Datatype
Parent	string
Child	string
Alias	string

**Transformation: ValidateAlias**

Name	Expr
Child	Child
AliasInput	
AliasOutput	IIF(UPPER(Child)=LTRIM(UPPER(AliasInput)), NULL, AliasInput)

**Target Table: DimTrain\_Geography**

Name	Datatype
Geography	Text
Parent	Text
Alias: Default	Text
Valid For Co...	Text
Data Storage	Text

**Output Window:**

```
Parsing expression IIF(UPPER(Child)=LTRIM(UPPER(AliasInput)),  
NULL,  
AliasInput)  
-----  
Field:Child found  
Field:AliasInput found  
Field:AliasInput found
```

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The interface includes a menu bar (Repository, Edit, View, Tools, Layout, Versioning, Workflows, Tasks, Server, Connections, Window, Help), a toolbar, and a Repository Navigator on the left. The Repository Navigator shows a tree structure with "Hyperion" expanded to show "Workflows", where "wf\_Dimtrain" is selected. The main workspace, labeled "Workflow Designer", shows a workflow diagram with a "Start" task and a task named "s\_Di". A context menu is open over the "s\_Di" task, listing various actions such as "Edit...", "Open Task", "Export...", "Refresh Mapping", "Validate", and "Start Task". The "Refresh Mapping" option is highlighted by the mouse cursor. At the bottom, an "Output Window" displays a message: "Refresh has been completed successfully! The following objects have been reverted: Session s\_DimTrain".

## After running wf\_DimTrain with the Transformation

Dimensions Performance Settings Evaluation Order

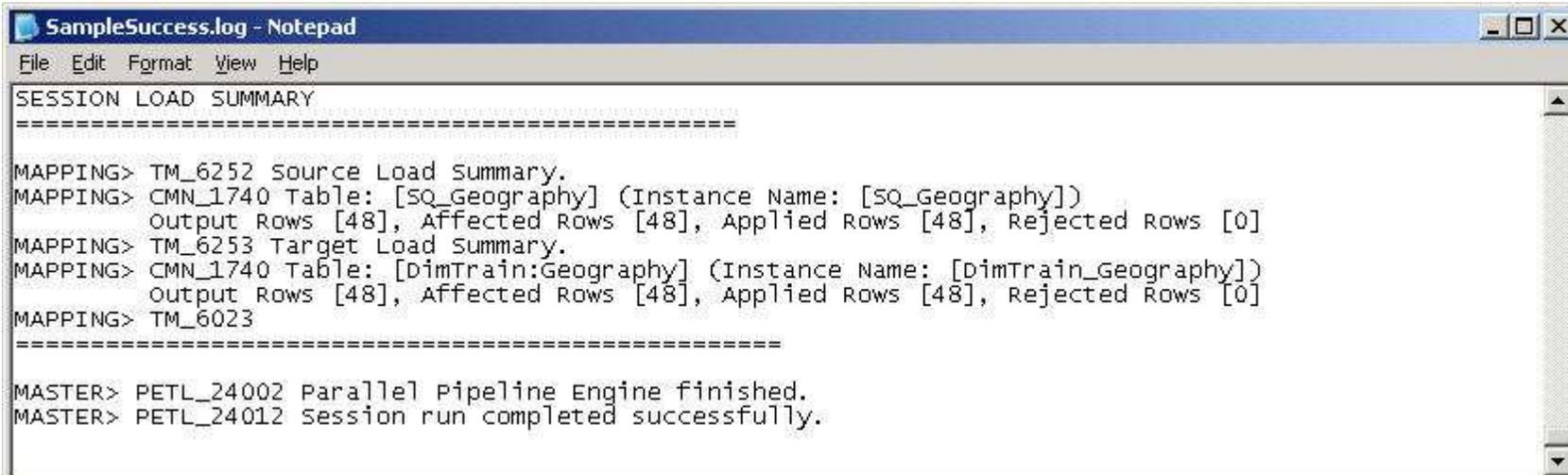
Geography Add Dimension Edit Dimension

Sort: Descendants Search: Name

Expand Collapse Add Child Add Sibling Cut Paste Edit Delete Custom Attributes Show Ancestors Show Usage

Name (49 Total)	Alias (Default)	Data Storage	Security	Attributes	Plan Type
Geography		Never Share			1
Worldwide		Never Share			1
LE-031	Alpha Technologies Finland OY	Never Share			1
LE-041	Alpha Technologies France SAS	Never Share			1
LE-061	Alpha Technologies GmbH	Never Share			1
LE-062	Alpha Technologies Fiber GmbH	Never Share			1
LE-131	Alpha Technologies Italy S.r.l.	Never Share			1
LE-161	Alpha Technologies Holding B.V.	Never Share			1
LE-180	Alpha Technologies Finance Sarl	Never Share			1
LE-211	Alpha Technologies Spain SA	Never Share			1
LE-231	Alpha Technologies Sweden AB	Never Share			1
LE-261	Alpha Technologies UK Ltd.	Never Share			1
LE-358	Alpha Technologies General Hungary Vagyonkezele Kft	Never Share			1
LE-361	Alpha Semiconductor Technologies (Shanghai) Ltd. (Shanghai)	Never Share			1

## Session Log with no Errors using the updated file



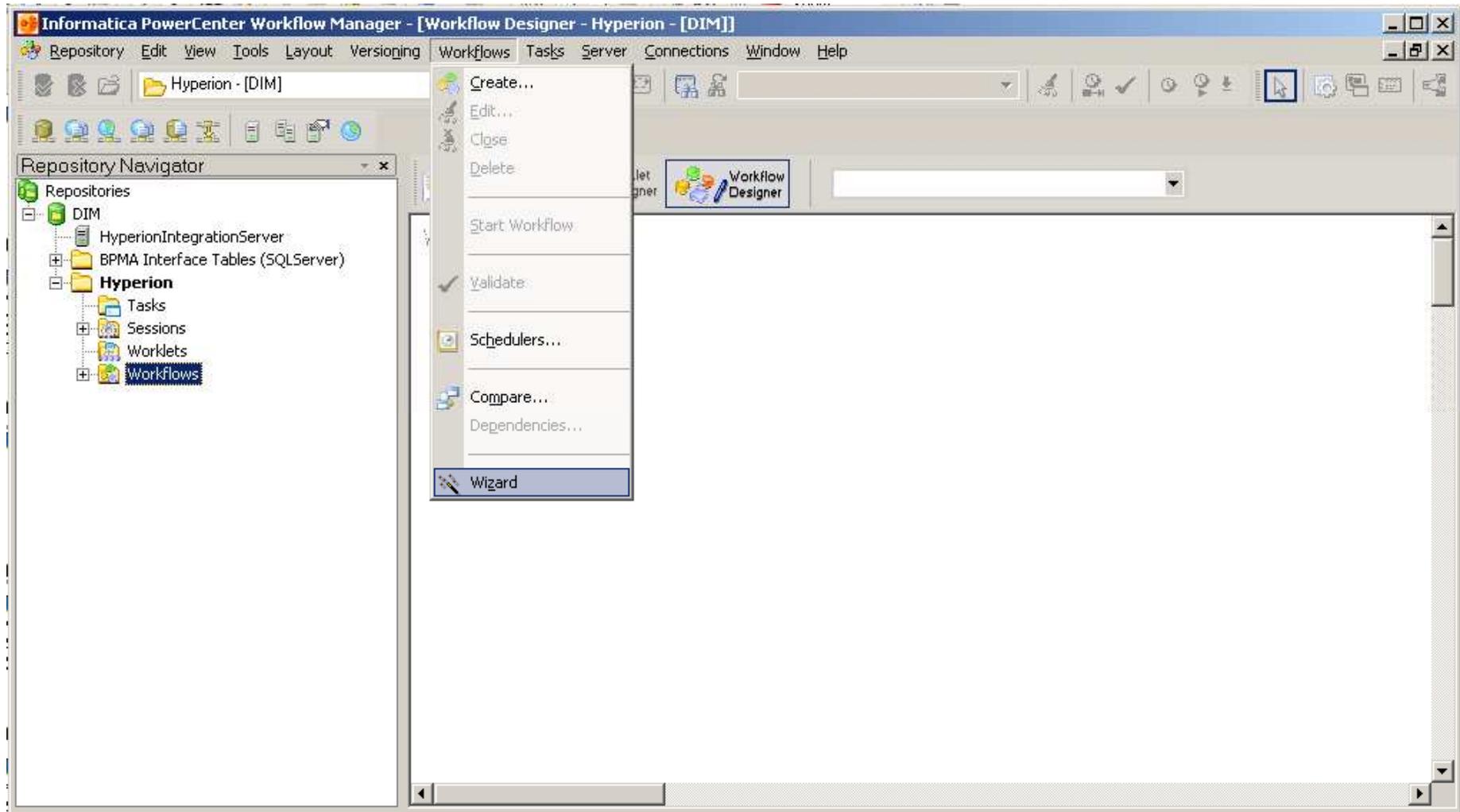
```
SampleSuccess.log - Notepad
File Edit Format View Help
SESSION LOAD SUMMARY
=====
MAPPING> TM_6252 Source Load Summary.
MAPPING> CMN_1740 Table: [SQ_Geography] (Instance Name: [SQ_Geography])
Output Rows [48], Affected Rows [48], Applied Rows [48], Rejected Rows [0]
MAPPING> TM_6253 Target Load Summary.
MAPPING> CMN_1740 Table: [DimTrain:Geography] (Instance Name: [DimTrain_Geography])
Output Rows [48], Affected Rows [48], Applied Rows [48], Rejected Rows [0]
MAPPING> TM_6023
=====
MASTER> PETL_24002 Parallel Pipeline Engine finished.
MASTER> PETL_24012 Session run completed successfully.
```

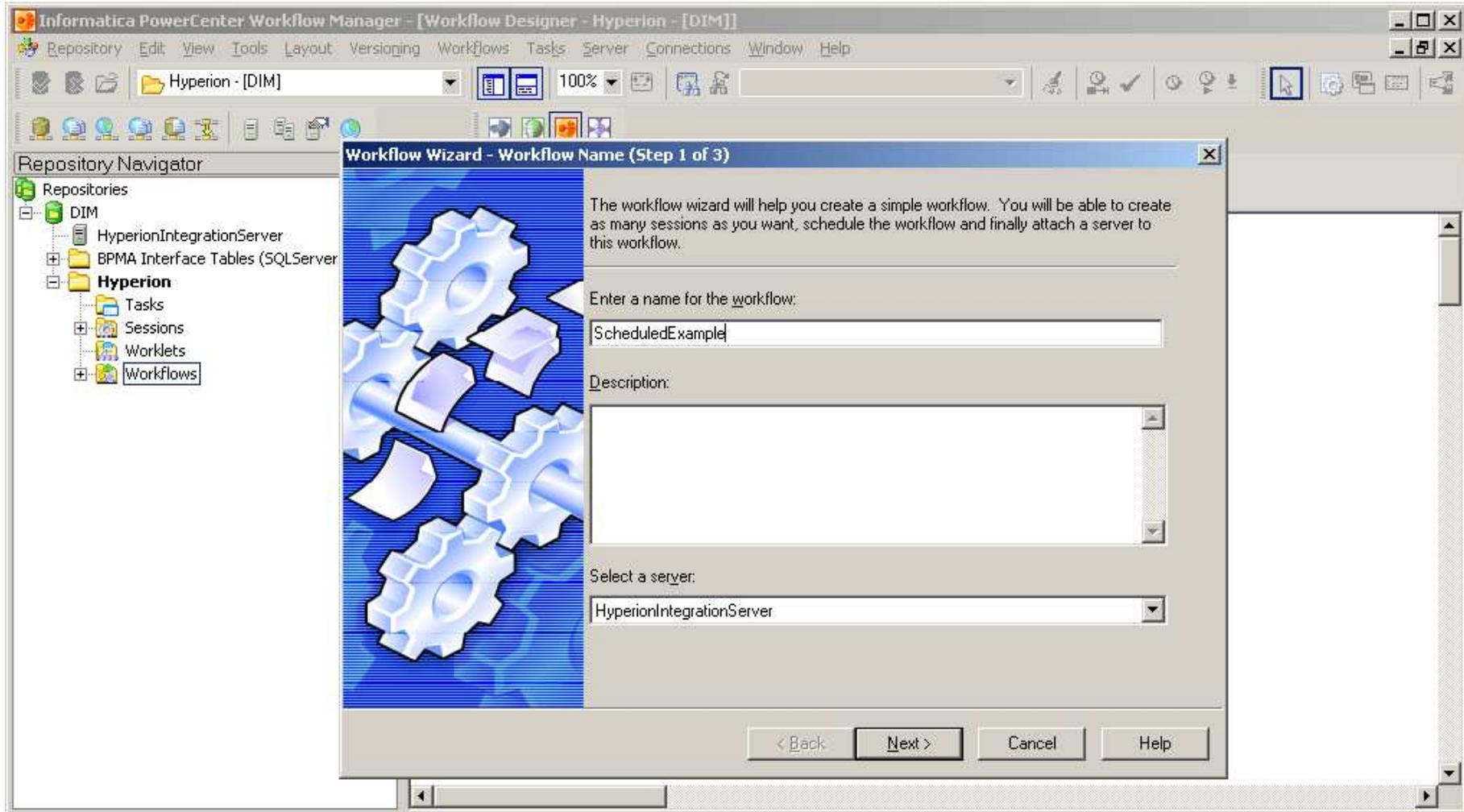
## **Scheduling and Automation**

- Scheduling
  - Workflows can be scheduled during creation or edited at a later time.
- Automation
  - Triggering an Event

## **Creating a Scheduled Workflow**

# Hyperion Program





Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]

Repository Edit View Tools Layout Versioning Workflows Tasks Server Connections Window Help

Hyperion - [DIM] 100%

Repository Navigator

- Repositories
  - DIM
    - HyperionIntegrationServer
    - BPMA Interface Tables (SQLServer)
    - Hyperion**
      - Tasks
      - Sessions
      - Worklets
      - Workflows

**Workflow Wizard - Create Sessions (Step 2 of 3)**

**Sessions**  
Select the mappings that you want to create sessions for.  
Use the arrows on the right to specify the order of the sessions in the workflow.

Select the mappings:

- Accounts
- m\_EdenGL\_Accounts\_Metadata\_Extract
- m\_EdenGL\_Accounts\_Metadata\_Load
- m\_EdenGL\_Data\_Extract
- m\_EdenGL\_Dataload\_Transform
- m\_MeasureTargets\_dataload
- m\_Totconsol\_dataload\_Transform
- m\_TotPlan\_Dataload\_Transform
- NEWMAPPING33

Sessions to be created:

Name	Reusable
s_m_EdenGL_Accounts_Metadata...	<input checked="" type="checkbox"/>

Run a session only if the previous session completed successfully.

< Back Next > Cancel Help

Workflow Wizard - Schedule Workflow (Step 3 of 3)

Remove check for Run on demand

Run Options:

- Run on server initialization
- Run on demand
- Run continuously

Schedule Options:

- Run once
- Run every: Days: 0, Hours: 0, Minutes: 1
- Customized Repeat: Edit...

Start options:

Start Date: 3/ 4/2008

Start Time: 12 : 26

End Options:

- End On: 3/ 4/2008
- End after: 1 run(s)
- Forever

< Back Next > Cancel

Workflow Wizard - Schedule Workflow (Step 3 of 3)

Schedule Workflow

Enter the scheduling information for this workflow.

Run Options:

- Run on server initialization
- Run on demand
- Run continuously

Schedule Options:

- Run once
- Run every: Days: 1, Hours: 0, Minutes: 0
- Customized Repeat: Edit...

Start options:

Start Date: 3/ 4/2008

Start Time: 12 : 26

End Options:

- End On: 3/ 4/2008
- End after: 1 run(s)
- Forever

< Back Next > Cancel Help

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes Repository, Edit, View, Tools, Layout, Versioning, Workflows, Tasks, Server, Connections, Window, and Help. The toolbar contains various icons for file operations and workflow management. The Repository Navigator on the left shows a tree structure with "Hyperion" selected under "Workflows".

The "Workflow Wizard - Finish" dialog box is open, displaying the following details:

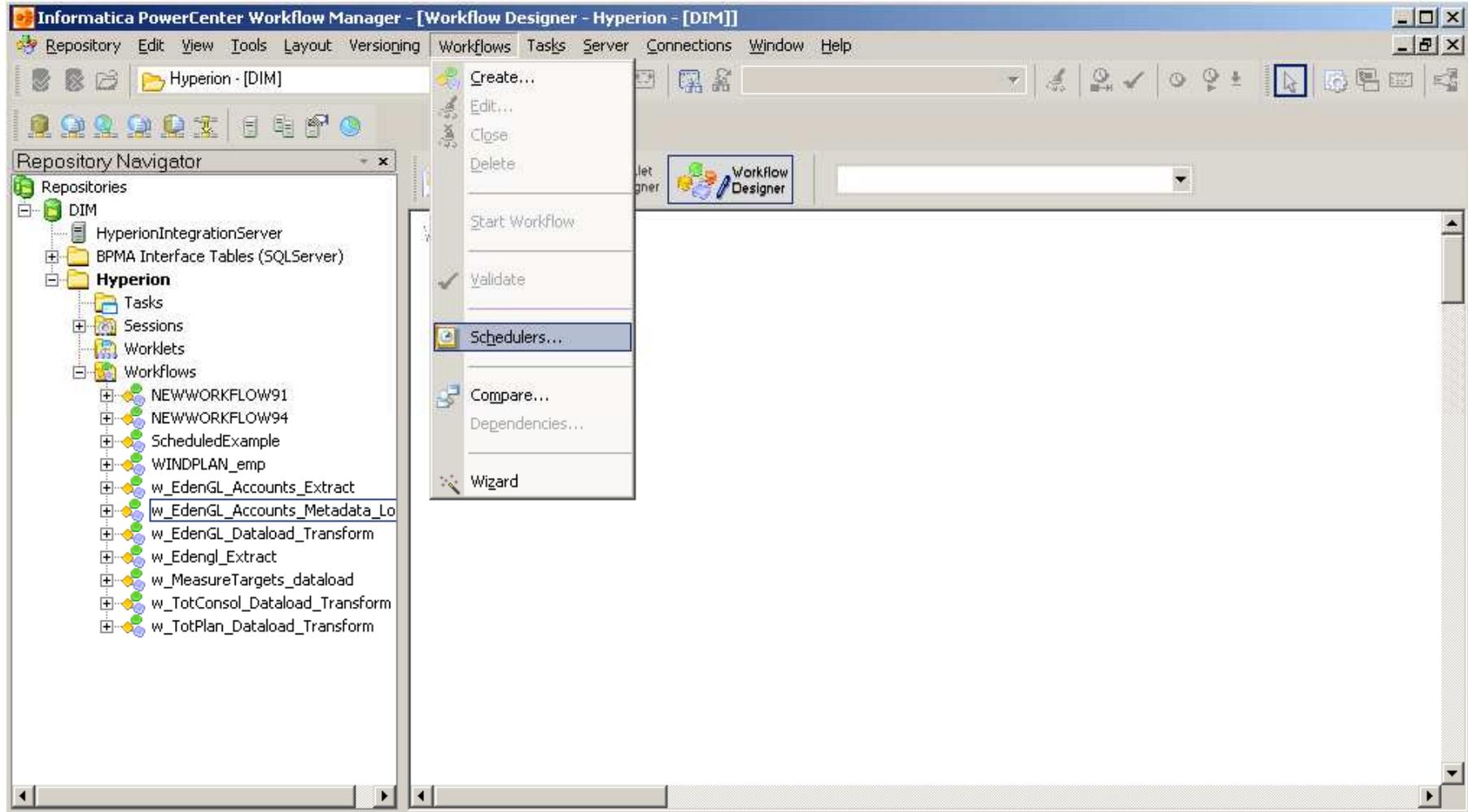
The workflow will be created with the following details.

Property	Value
Name	ScheduledExample
Server	HyperionIntegrationServer
Sessions	s_m_EdenGL_Accounts_Metadata_Extract
Scheduler	
Scheduler Options	Run Every
Days	1
Hours	0
Minutes	0
Start Date	3/4/2008
Start Time	12:26
End Options	Run Forever

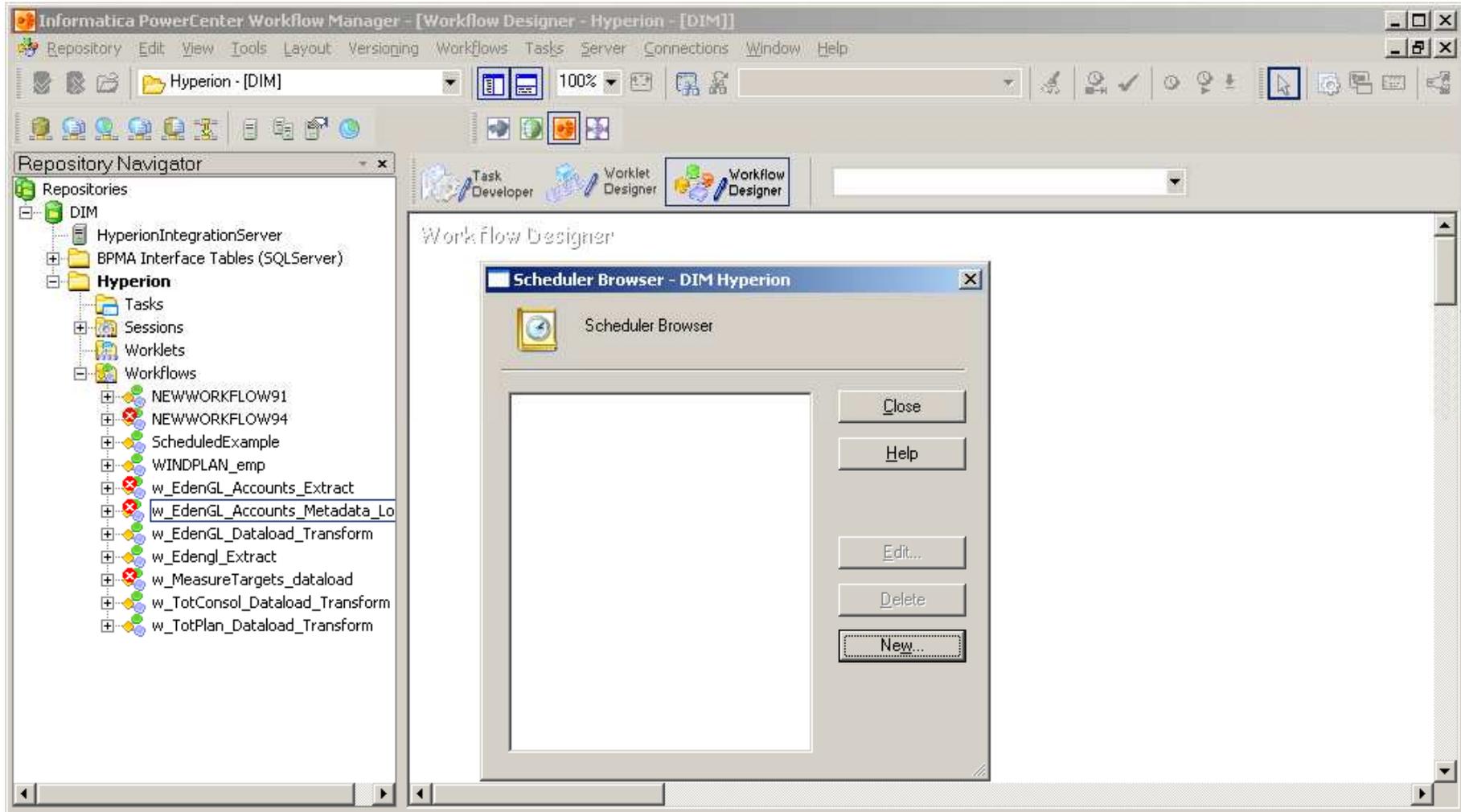
At the bottom of the dialog box, there are four buttons: "< Back", "Finish", "Cancel", and "Help".

## **Using the Scheduler for multiple workflows**

# Hyperion Program



# Hyperion Program



The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window title is "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The toolbar shows various icons for file operations and workflow management. The Repository Navigator on the left shows a tree structure under "DIM":

- Repositories
  - DIM
    - HyperionIntegrationServer
    - BPMA Interface Tables (SQLServe
    - Hyperion**
      - Tasks
      - Sessions
      - Worklets
      - Workflows
        - NEWWORKFLOW91
        - NEWWORKFLOW94
        - ScheduledExample
        - WINDPLAN\_emp
        - w\_EdenGL\_Accounts\_Ext
        - w\_EdenGL\_Accounts\_Met
        - w\_EdenGL\_Dataload\_Trar
        - w\_EdenGL\_Extract
        - w\_MeasureTargets\_data
        - w\_TotConsol\_Dataload\_T
        - w\_TotPlan\_Dataload\_Trar

The "Edit Scheduler" dialog box is open, showing the "Schedule" tab. The "Name" field is "NightlyRun" and the "Type" is "Scheduler". The "Description" field contains the text: "Example of a schedule that can be used on multiple Workflows". The dialog has "OK", "Cancel", "Apply", and "Help" buttons at the bottom.

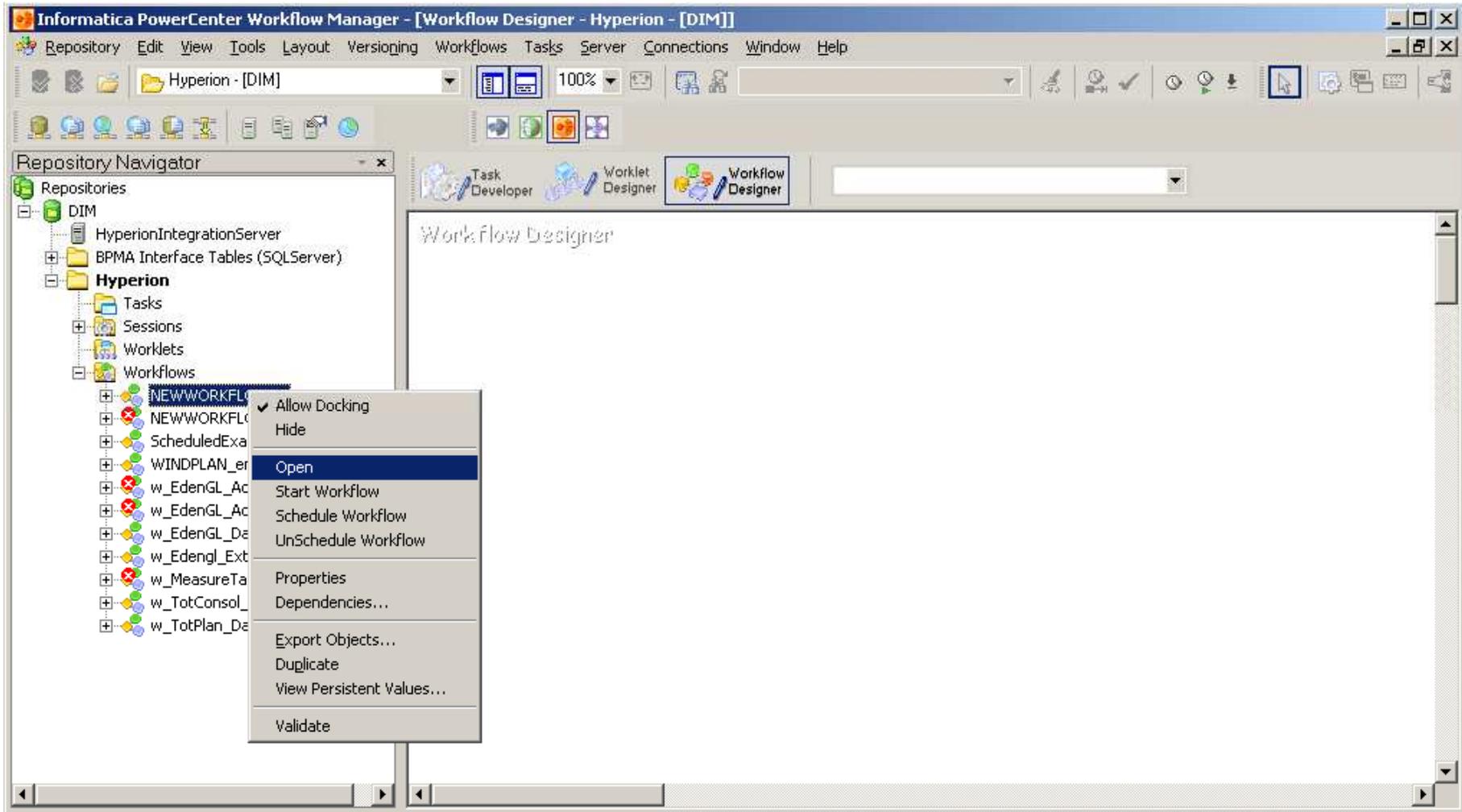
# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The "Repository Navigator" on the left shows a tree structure with "Hyperion" expanded, containing "Tasks", "Sessions", "Worklets", and "Workflows". Under "Workflows", "NEWWORKFLOW94" is selected. The "Workflow Designer" area shows a simple workflow with a "Start" task and a "s\_NEWMAPPIN..." task connected by an arrow. An "Edit Scheduler" dialog box is open, showing the "Schedule" tab. The "Run Options" section has "Run on demand" selected. The "Schedule Options" section has "Run every" selected with "Days" set to 1, "Hours" to 0, and "Minutes" to 0. The "End Options" section has "Forever" selected. The "Start Date" is 3/4/2008 and the "Start Time" is 14:06. Buttons for "OK", "Cancel", "Apply", and "Help" are at the bottom of the dialog.

Repository Navigator

- Repositories
  - DIM
    - HyperionIntegrationServer
    - BPMA Interface Tables (SQLServer)
    - Hyperion
      - Tasks
      - Sessions
      - Worklets
      - Workflows
        - NEWWORKFLOW91
        - NEWWORKFLOW94
        - Test
        - WINDPLAN\_emp
          - Start
          - s\_WindPlan\_VM
          - w\_EdenGL\_Accounts\_Extract
          - w\_EdenGL\_Accounts\_Metadata\_Lo
          - w\_EdenGL\_Dataload\_Transform
          - w\_EdenGL\_Extract
          - w\_MeasureTargets\_dataLoad
          - w\_TotConsol\_Dataload\_Transform
          - w\_TotPlan\_Dataload\_Transform

# Hyperion Program



# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The "Repository Navigator" on the left shows a tree structure under "DIM" with folders for "HyperionIntegrationServer", "BPMA Interface Tables (SQLServer)", "Hyperion", "Sessions", "Worklets", and "Workflows". The "Workflows" folder is expanded, showing a list of workflow names, with "NEWWORKFLOW91" selected. A context menu is open over the workflow list, with "Edit..." highlighted. The main workspace shows a workflow diagram with a "Start" task (green arrow) connected to an "s\_Accounts" task (gear icon). The "Workflow Designer" toolbar is visible above the workspace, and the workflow name "NEWWORKFLOW91" is displayed in the top right corner.

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The "Repository Navigator" on the left shows a tree structure with "Hyperion" expanded to show "Workflows", where "NEWWORKFLOW91" is selected. The "Edit Workflow - NEWWORKFLOW91" dialog is open, showing the "Scheduler" tab. The dialog contains the following text and controls:

A workflow can have a reusable or a non-reusable scheduler attached to it. Choose "reusable" to browse through a list of reusable schedulers and select or edit from the list. Select "non-reusable" to create a new scheduler that cannot be reused.

Non Reusable  Reusable

Scheduler: None

Description:

Summary:

Property	Value
Run Options	Run on demand

Buttons: OK, Cancel, Apply, Help

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled 'Workflow Designer' and shows a workflow named 'NEWWORKFLOW91'. A dialog box titled 'Edit Workflow - NEWWORKFLOW91' is open, showing the 'Scheduler' tab. The dialog includes a 'General' tab, 'Properties', 'Scheduler', 'Variables', 'Events', and 'Metadata Extensions' tabs. The 'Scheduler' tab contains the following information:

A workflow can have a reusable or a non-reusable scheduler attached to it. Choose "reusable" to browse through a list of reusable schedulers and select or edit from the list. Select "non-reusable" to create a new scheduler that cannot be reused.

Non Reusable  Reusable

Scheduler: NightlyRun

Description:

Summary:

Property	Value
Scheduler Options	Run Every
Days	1
Hours	0
Minutes	0
Start Date	3/4/2008
Start Time	14:06
End Options	Run Forever

Buttons: OK, Cancel, Apply, Help

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Monitor interface. The main window shows a tree view of repositories and workflow runs. The 'Hyperion' folder is expanded, showing two workflow runs: 'NEWWORKFLOW91' and 'NEWWORKFLOW94'. Both runs are scheduled and started on 3/5/2008 at 2:06:00 PM. The interface includes a menu bar, a toolbar, and a status bar at the bottom.

Workflow Run	Status Message	Run Type	Worker Server	Start Time
Hyperion				
NEWWORKFLOW91		Schedule		3/5/2008 2:06:00 PM
NEWWORKFLOW94		Schedule		3/5/2008 2:06:00 PM

Log messages in the bottom pane:

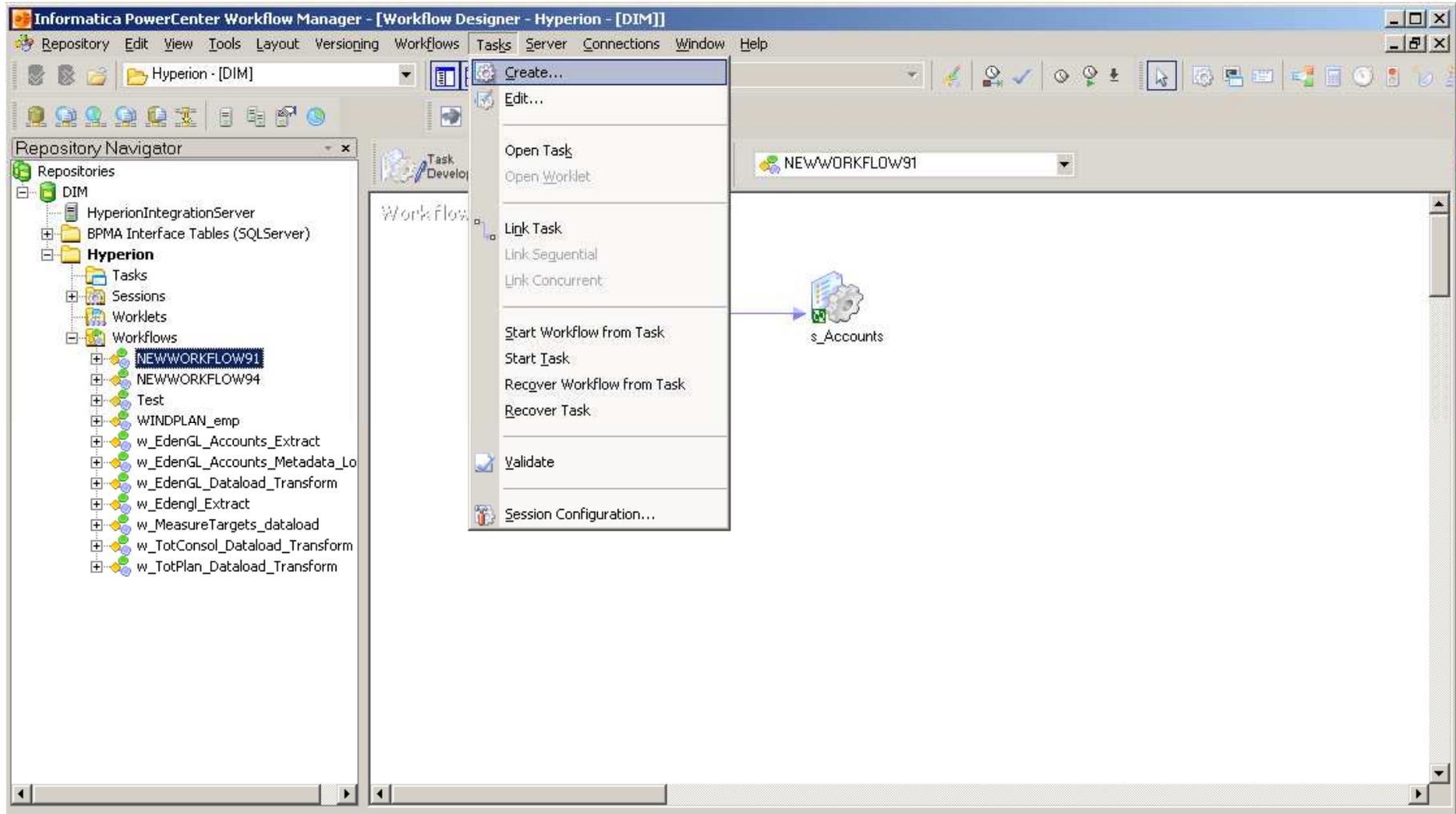
```
() Connected to the repository DIM  
() Connected to the server HyperionIntegrationServer  
(HyperionIntegrationServer 3/4/2008 2:07:02 PM) Task Update: NEWWORKFLOW91 (Scheduled) Start time: 3/5/2008 2:06:00 PM End time: In progress  
(HyperionIntegrationServer 3/4/2008 2:07:02 PM) Task Update: NEWWORKFLOW94 (Scheduled) Start time: 3/5/2008 2:06:00 PM End time: In progress
```

## Automation through Tasks

- **Event-Wait task.** The Event-Wait task waits for an event to occur.
- **Event-Raise task.** Event-Raise task represents a user-defined event.

## **Creating an Event Wait task**

# Hyperion Program



# Hyperion Program

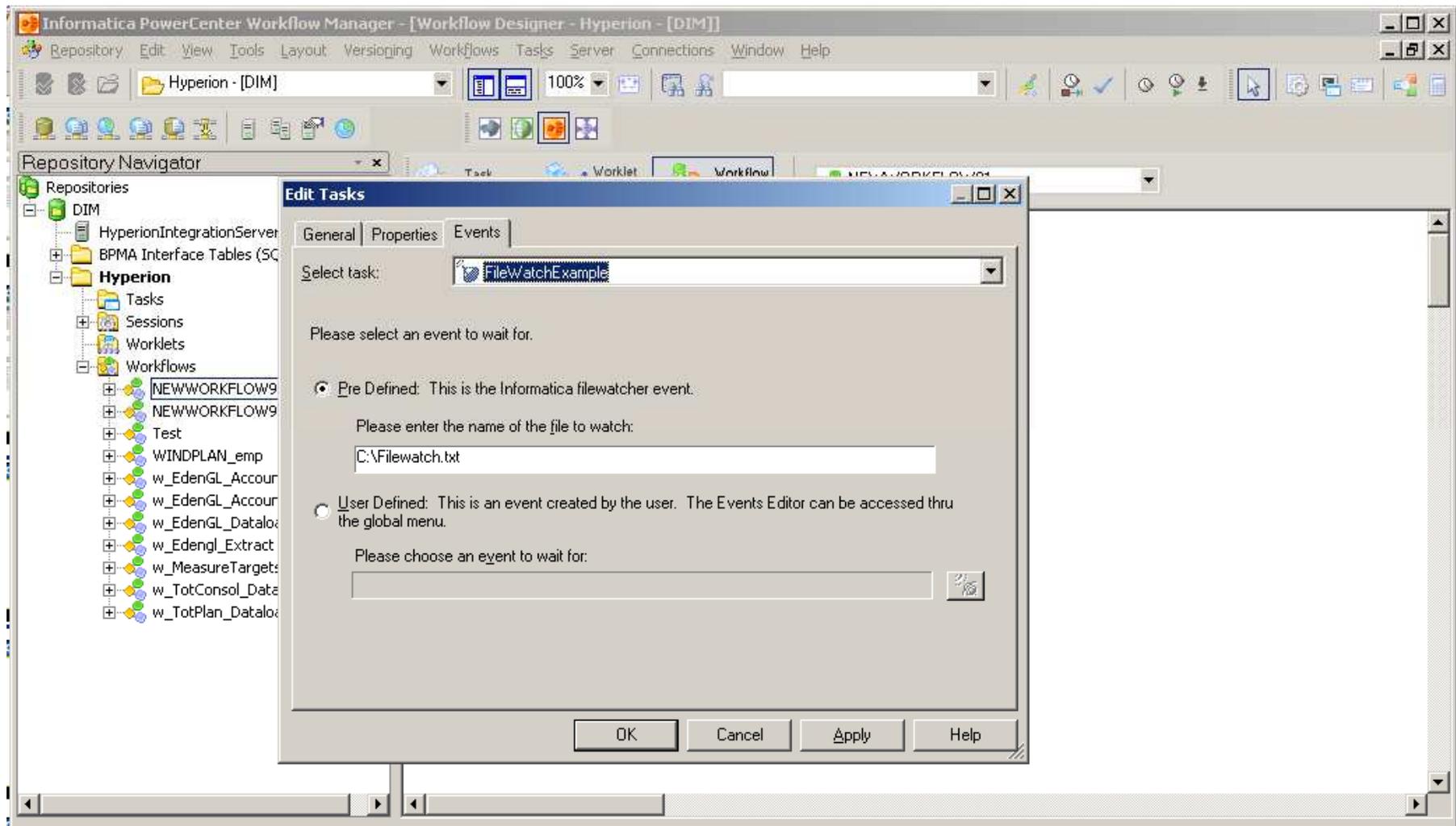
The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Workflow Designer - Hyperion - [DIM]". The left pane shows the "Repository Navigator" with a tree view containing "Hyperion" and "Workflows", where "NEWWORKFLOW91" is selected. The central workspace shows a workflow diagram with a "Start" task (green arrow) connected to an "s\_Accounts" task (gear icon). A "Create Task" dialog box is open in the foreground, prompting the user to "Select the task type to create:" with a dropdown menu showing "Event Wait". Below this, there is a text input field with "FileWatchExample" entered. The dialog includes "Create", "Done", "Cancel", and "Help" buttons.

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The main toolbar shows various icons for workflow management, including a folder icon labeled "Hyperion - [DIM]", a zoom level of "100%", and several action icons.

The interface is divided into several panes:

- Repository Navigator:** Located on the left, it shows a tree view of the repository structure. Under "Hyperion", the "Workflows" folder is expanded, listing several workflow objects, with "NEWWORKFLOW91" selected.
- Workflow Designer:** The central workspace shows a workflow diagram. It starts with a "Start" node (a green arrow) pointing to a task node labeled "FileWatchExamp...". A blue arrow then points from this task to another task node labeled "s\_Accounts".
- Task Designer:** Located at the top right of the main workspace, it shows the selected task "NEWWORKFLOW91".



The screenshot shows the Informatica PowerCenter Workflow Manager interface. The 'Repository Navigator' on the left displays a tree structure with 'Hyperion' selected. The 'Edit Tasks' dialog is open, showing the 'Events' tab for the 'FileWatchExample' task. The task type is 'Event Wait'. A table lists attributes and their values, with 'Delete Filewatch file' checked. Below the table, there is a section for 'User Defined Event' with a question 'Is this a user defined event?'. Buttons for 'OK', 'Cancel', 'Apply', and 'Help' are at the bottom.

Attribute	Value
User Defined Event	<input type="checkbox"/>
Event Name	
Enable Past Events	<input type="checkbox"/>
Filewatch name	C:\Filewatch.txt
Delete Filewatch file	<input checked="" type="checkbox"/>

**User Defined Event**  
Is this a user defined event?

OK Cancel Apply Help

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The title bar reads "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes "Repository", "Edit", "View", "Tools", "Layout", "Versioning", "Workflows", "Tasks", "Server", "Connections", "Window", and "Help". The toolbar contains various icons for workflow management. The main workspace is titled "Workflow Designer" and shows a workflow named "NEWWORKFLOW91". The workflow diagram consists of a "FileWatchExample" task (represented by a blue box with a printer icon) connected to a "Start" task (represented by a green arrow) via a blue arrow. The "Start" task is further connected to an "s\_Accounts" task (represented by a blue box with a gear icon). On the left side, there is a tree view showing a hierarchy of tasks and workflows, including "s\_WindPlan\_VM", "w\_EdenGL\_Accounts\_Extract", "w\_EdenGL\_Accounts\_Metadata", "Start", "s\_m\_EdenGL\_Metadata\_Load", "w\_EdenGL\_Dataload\_Transform", "w\_EdenGL\_Extract", "w\_MeasureTargets\_dataload", and "w\_TotConsol\_Dataload\_Transform". The "Start" task in the tree view is highlighted with a green arrow. The bottom status bar shows the current workflow name "NEWWORKFLOW91".

# Hyperion Program

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes Repository, Edit, View, Tools, Layout, Versioning, Workflows, Tasks, Server, Connections, Window, and Help. The toolbar shows various icons for navigation and editing. The Repository Navigator on the left shows a tree structure with "Hyperion" expanded to "Workflows", where "NEWWORKFLOW91" is selected. The Workflow Designer pane shows a workflow diagram with a task named "s\_Accounts". A context menu is open over this task, listing actions such as "Select All", "Clear All", "Arrange", "Edit Workflow/Worklet...", "Links", "Zoom", "Export Objects...", "Compare Objects...", "Start Workflow", "Schedule Workflow", "Unschedule Workflow", and "Print...". The "Start Workflow" option is highlighted. The top right of the designer pane shows the workflow name "NEWWORKFLOW91".



## Gotcha's

- Application Connection
- Default File Locations
  - Source files are read from the <DIM\_HOME>\Server\SrcFiles
  - Target files are sent to the <DIM\_HOME>\Server\TgtFiles
  - Session Logs are in <DIM\_HOME>\Server\SessLogs
  - Workflow Logs are in <DIM\_HOME>\Server\WorkflowLogs
  - Lookup files are in <DIM\_HOME>\Server\LkpFiles
- Error Tracking

## **Additional Reference Slides**

## Repository Server Administration Console

The screenshot displays the Informatica Repository Administration Console. The window title is "Repository Server Administration Console - [Console Root\Informatica Repository Servers\DEMODRIVE\Repositories\DIM]". The interface includes a menu bar (File, Action, View, Help) and a toolbar. On the left, a tree view shows the hierarchy: Console Root > Informatica Repository Servers > DEMODRIVE > Repositories > DIM. The main area features the Informatica logo and "Repository Administration" header. A left sidebar lists actions: Stop, Backup, Restore, Upgrade, and Properties. The central pane shows the "DIM" service with a status table.

Status:	Running
Start time:	03/06/2008 22:51:51
Number of Restarts:	1
Process ID:	6784
Database type:	MSSQLServer

Copyright © 2006 Informatica Corporation All Rights Reserved

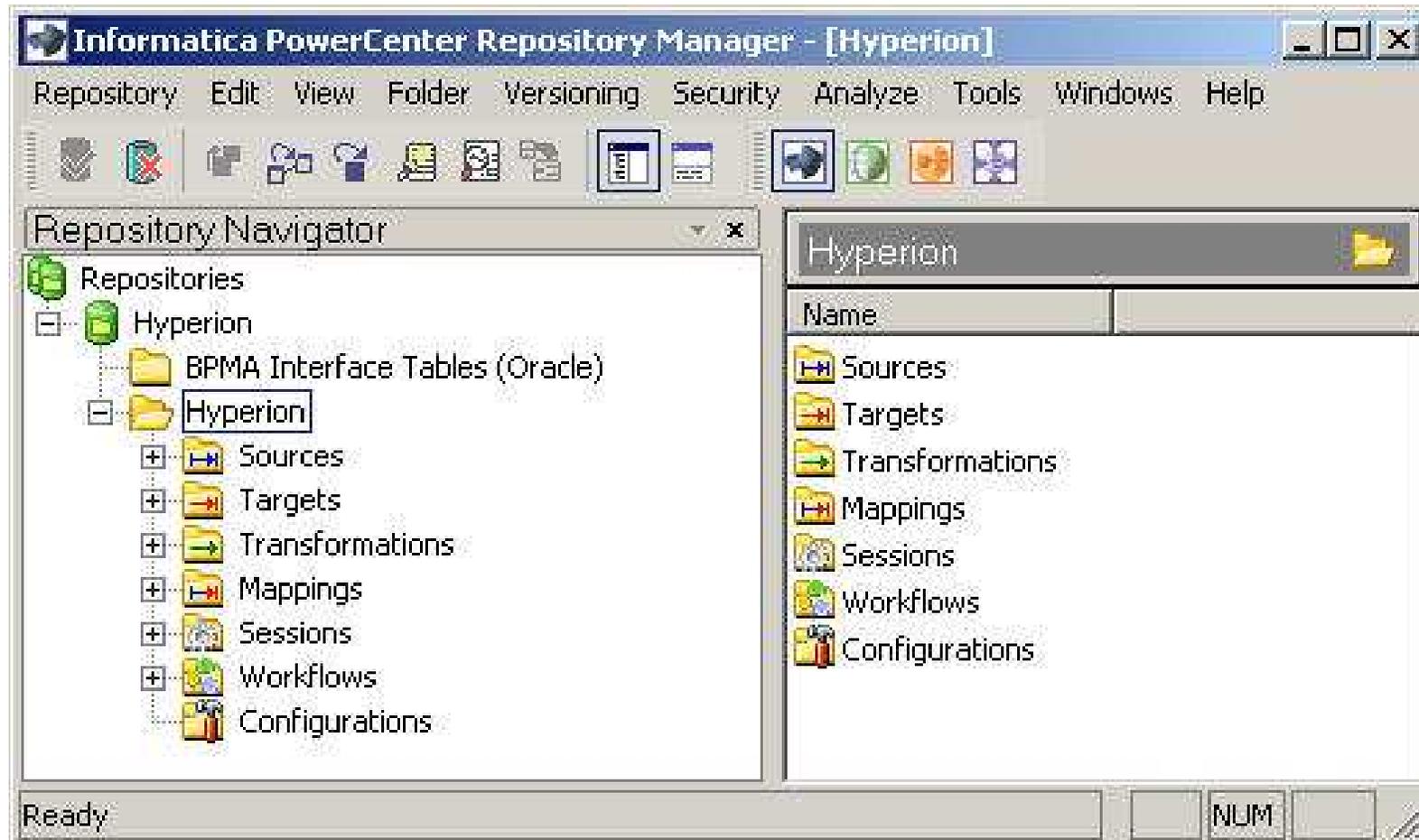
## **Repository Server Administration Console**

- Create Additional Repositories
- Manage Connections/Locks
- Enable Versioning on a specific Repository
- Set a specific Repository to Global
- Enable visibility of a specific Repository with a Global Repository
- Backup/Restore the Repository
- Register Adapters/Modules on Repository Server

## Register Adapters for DIM Server

- HAS.xml (Analytic Services)
  - HFM.xml
  - HPS.xml (Performance Scorecard)
  - Planning.xml
  - dim\_auth.xml
  - ldap\_authen.xml
- NOTE: Adapters must be **installed** on every computer where the PowerCenter Server OR Client will be used. Adapters only must be *registered* on the Repository Server.

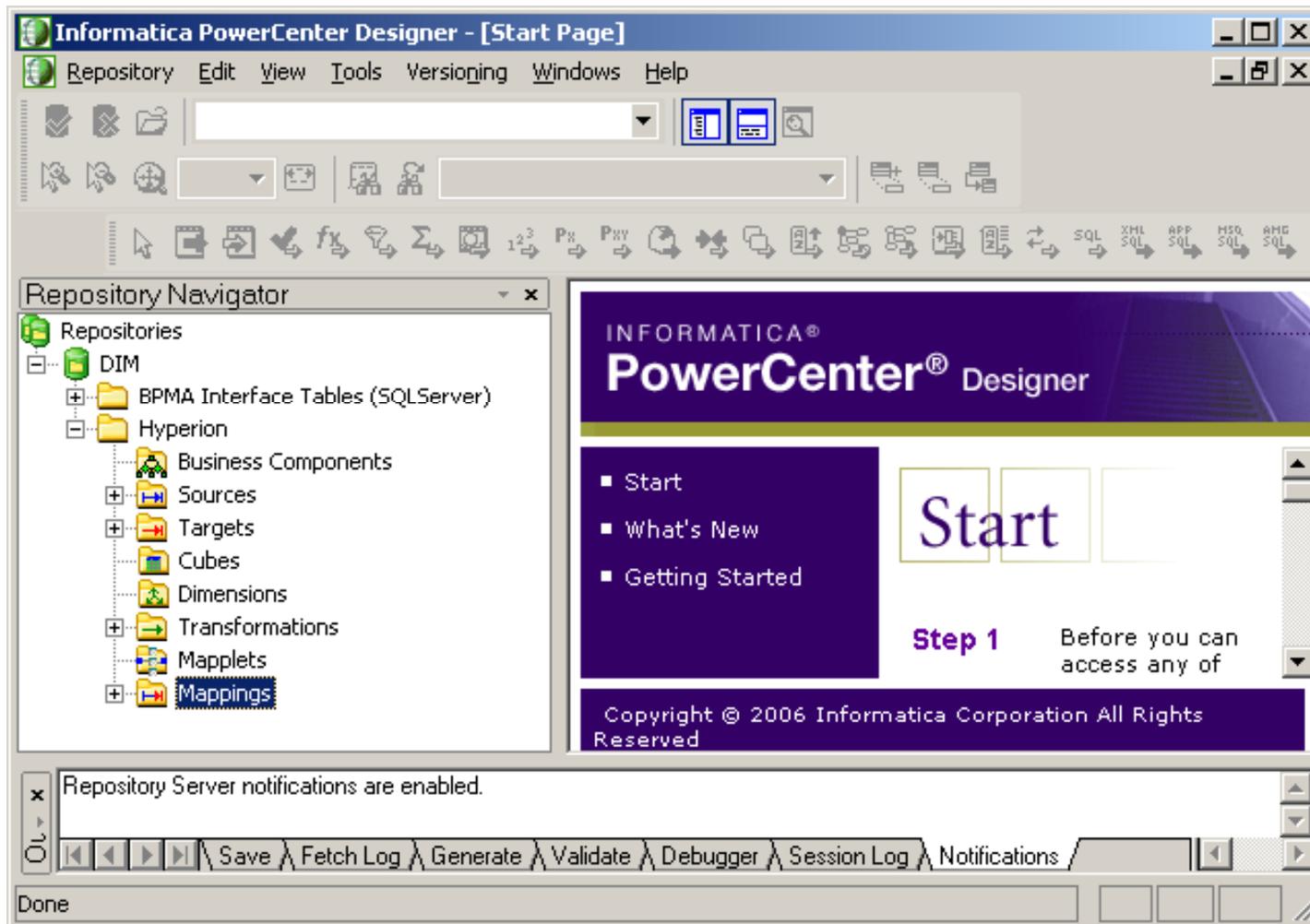
## Repository Manager



## Repository Manager Abilities

- Manage Folders
  - Manage Connections and Locks
  - Versioning
  - Security
  - Analyze Object dependencies
- 
- The default location where source files are read is <DIM HOME>\Server\
  - For Instructions on changing the Source File directory please see the DIM Admin Guide.

## Designer



## **Designer Abilities**

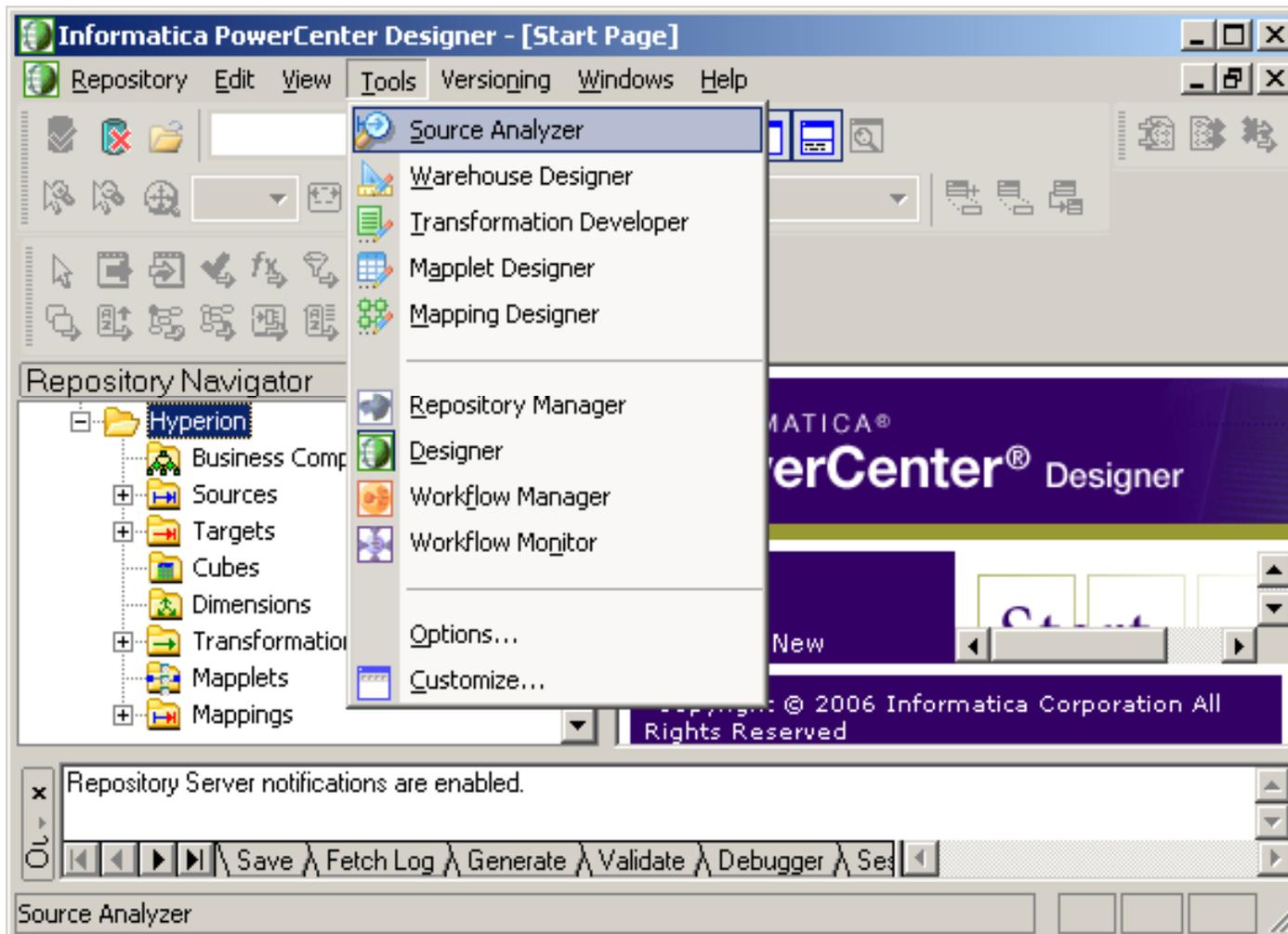
### **Always Used**

- Sources
- Targets
- Transformations
- Mappings

### ***Seldom Used***

- *Mapplets*
- *Business Components*
- *Cubes*
- *Dimensions*

## Tool Menu and Designer Toolbar

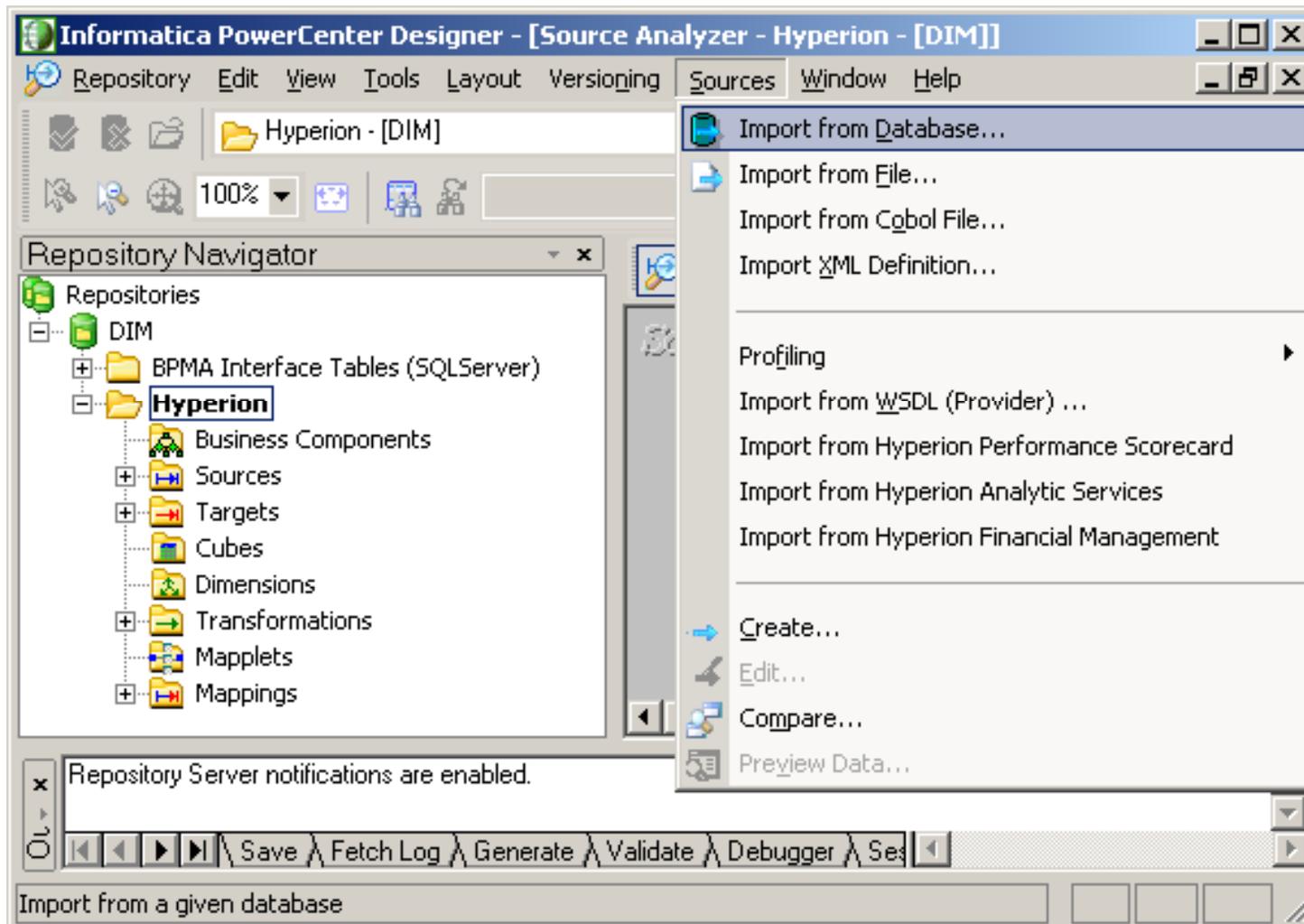


## Tool Menu and Designer Toolbar



- Select which Designer window to use from the Tool Menu.
- Once one of the Designers have been selected, the Designer Toolbar will appear in the current Designer window.
- Each button will correspond to a different Designer window. The Warehouse Designer window is used for building Targets. The other Designer window selections are intuitive.
- The Menu that corresponds to the Active Designer Window will appear at the top and the name of the Designer Window will be in the window itself.

## Sources Menu



## Source Analyzer

- Create and Modify Sources
- Sources Available:
  - Relational Database (including Planning Db)
  - File (Similar to importing a file in Excel)
  - XML Definition
  - WSDL Provider (Custom Web Services)
  - Hyperion Performance Scorecard
  - Hyperion Analytic Services (Essbase)
  - HFM
- Compare Sources
- Preview Data

## Essbase Source Types

Type 1 – Data  
Accts in Columns

Name	Datatype	L...
Market	Text	80
Product	Text	80
Scenario	Text	80
Year	Text	80
YearAlias	Text	80
Cost_of_Go...	Numeric	15
Margin_Per	Numeric	15
Marketing	Numeric	15
Miscellaneous	Numeric	15
Payroll	Numeric	15
Profit_Per	Numeric	15
Sales	Numeric	15

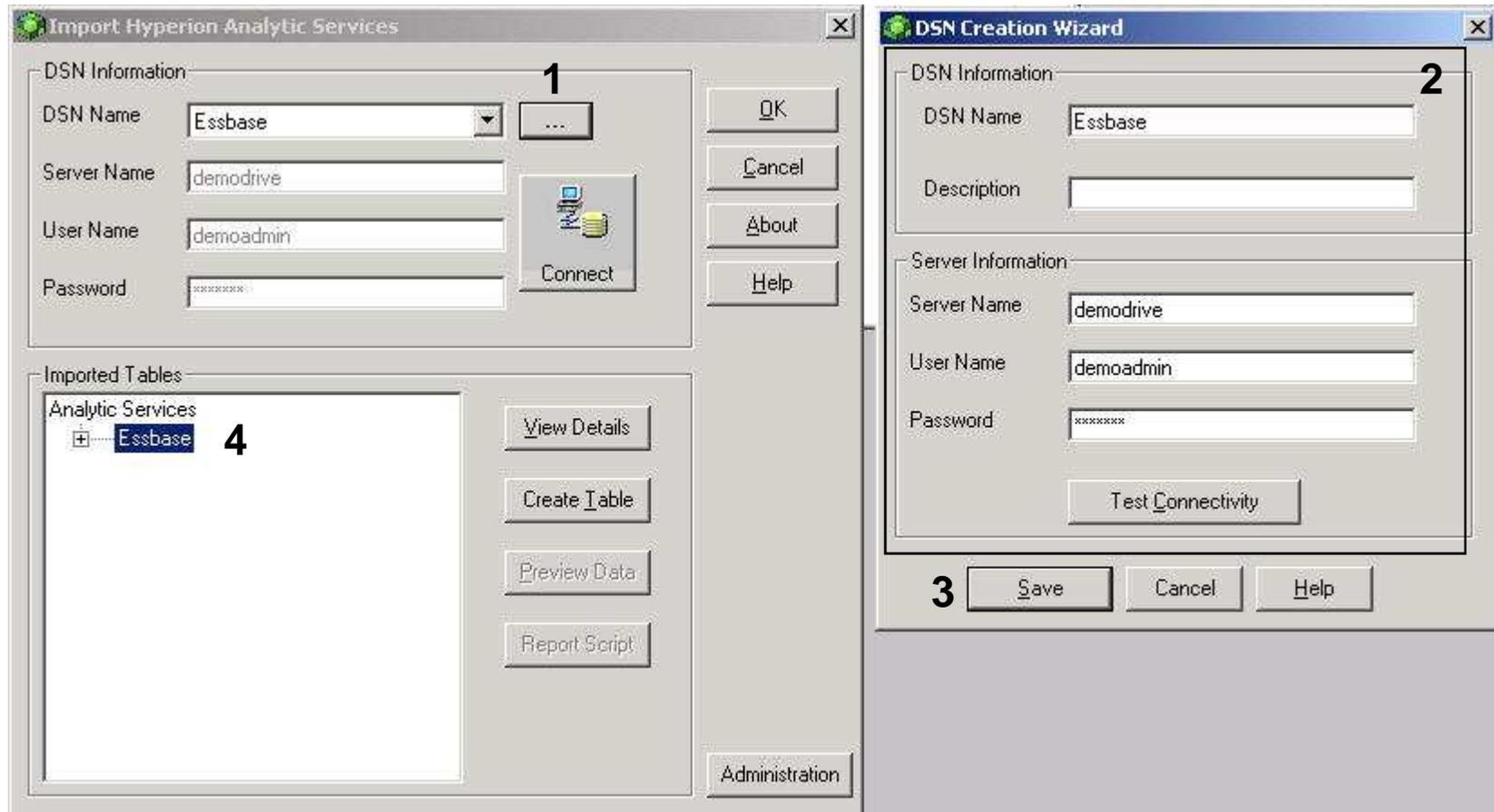
Type 2 – Data  
Accts in Rows

Name	Datatype	L...
Currencies	Text	80
Entities	Text	80
EntitiesAlias	Text	80
Segments	Text	80
SegmentsAli...	Text	80
Years	Text	80
YearsAlias	Text	80
Accounts	Text	80
TimePeriods	Text	80
Scenarios	Text	80
AccountsAlias	Text	80
Data	Numeric	15

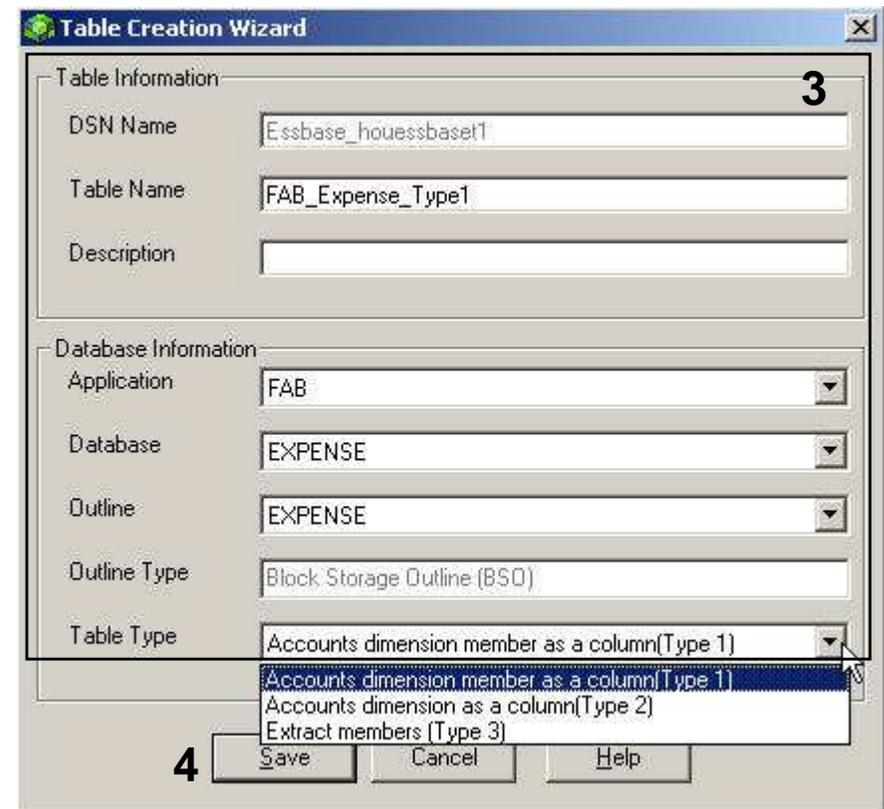
Type 3 –  
Metadata for 1  
Dimension

Name	Datatype	L...
MemberName	Text	80
ParentName	Text	80
Alias	Text	80
DataStorage	Text	80
TwoPassCalc	Text	80
Consolidation	Text	80
UDA	Text	80
Formula	Text	80
Comment	Text	80
TimeBalance	Text	80
TimeBalanc...	Text	80
VarReporting	Text	80
CurrConv	Text	80
CurrConvCat...	Text	80
AttributeMem...	Text	80

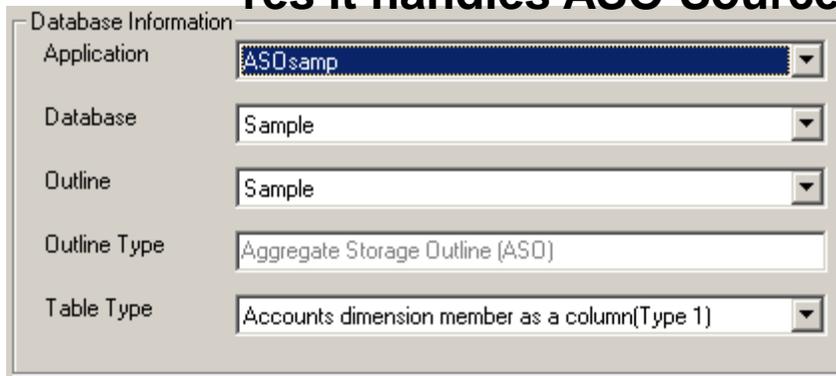
## Essbase DSN Creation



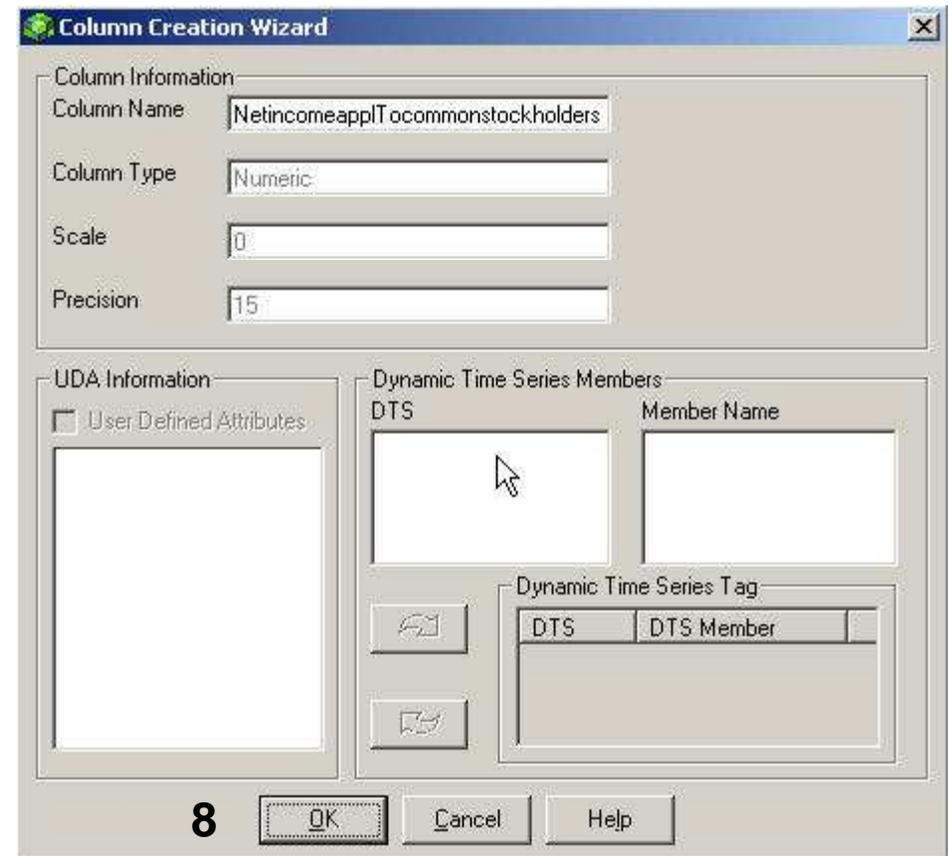
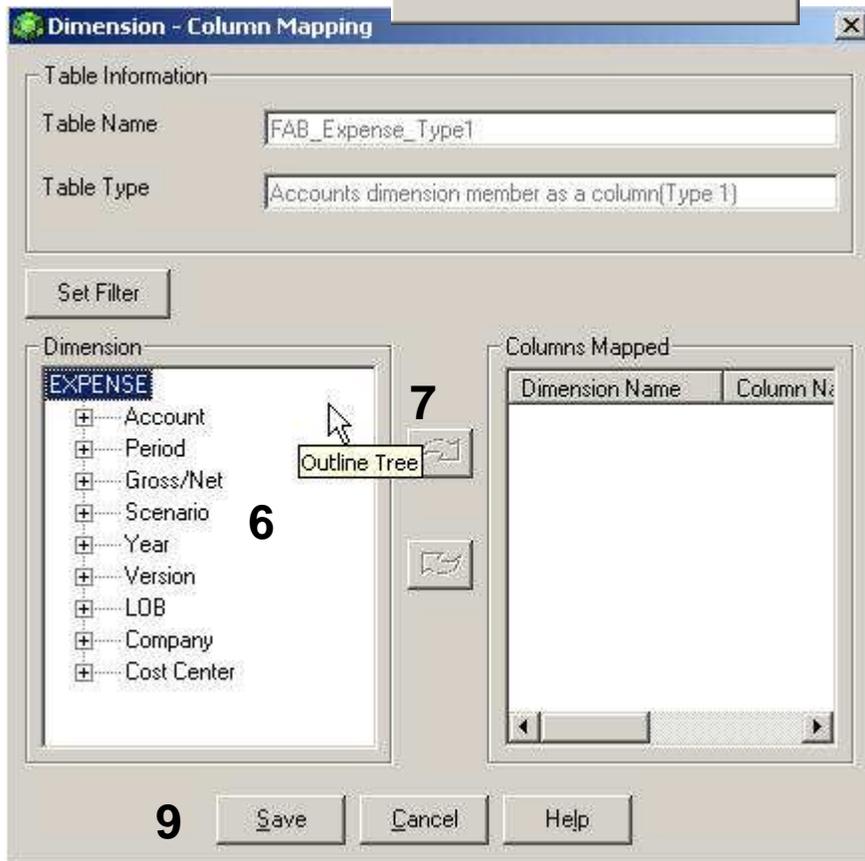
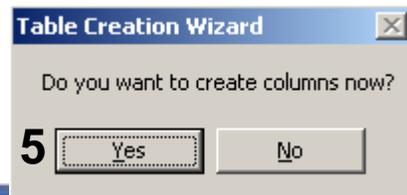
## Essbase Source Creation



**Yes it handles ASO Sources**



## Essbase Source Creation (continued)



## Essbase Source Creation (continued)

**Dimension-Column Mapping**

Columns created successfully.

**11**

**Dimension - Column Mapping**

Table Information

Table Name: FAB\_Expense\_Type1

Table Type: Accounts dimension member as a column(Type 1)

Dimension

- EXPENSE
  - Account
  - Period
  - Gross/Net
  - Scenario
  - Year
  - Version
  - LOB
  - Company
  - Cost Center

Columns Mapped

Dimension Name	Column Name
80030000	ExpAcct_800
80030010	ExpAcct_800
Company	Company
Cost Center	CostCenter
Gross/Net	Gross/Net
LOB	LOB
Period	Period
Scenario	Scenario
Version	Version
Year	Year

**10**

**Import Hyperion Analytic Services**

DSN Information

DSN Name: Essbase\_houessbaset1

Server Name: houessbaset1

User Name: essadmin

Password: \*\*\*\*\*

**12**

Imported Tables

Analytic Services

- Essbase\_houessbaset1
  - FAB\_Expense\_Type1
    - Company
    - CompanyAlias
    - CostCenter
    - CostCenterAlias
    - Gross/Net
    - LOB
    - LOBAlias
    - Scenario
    - Version
    - VersionAlias

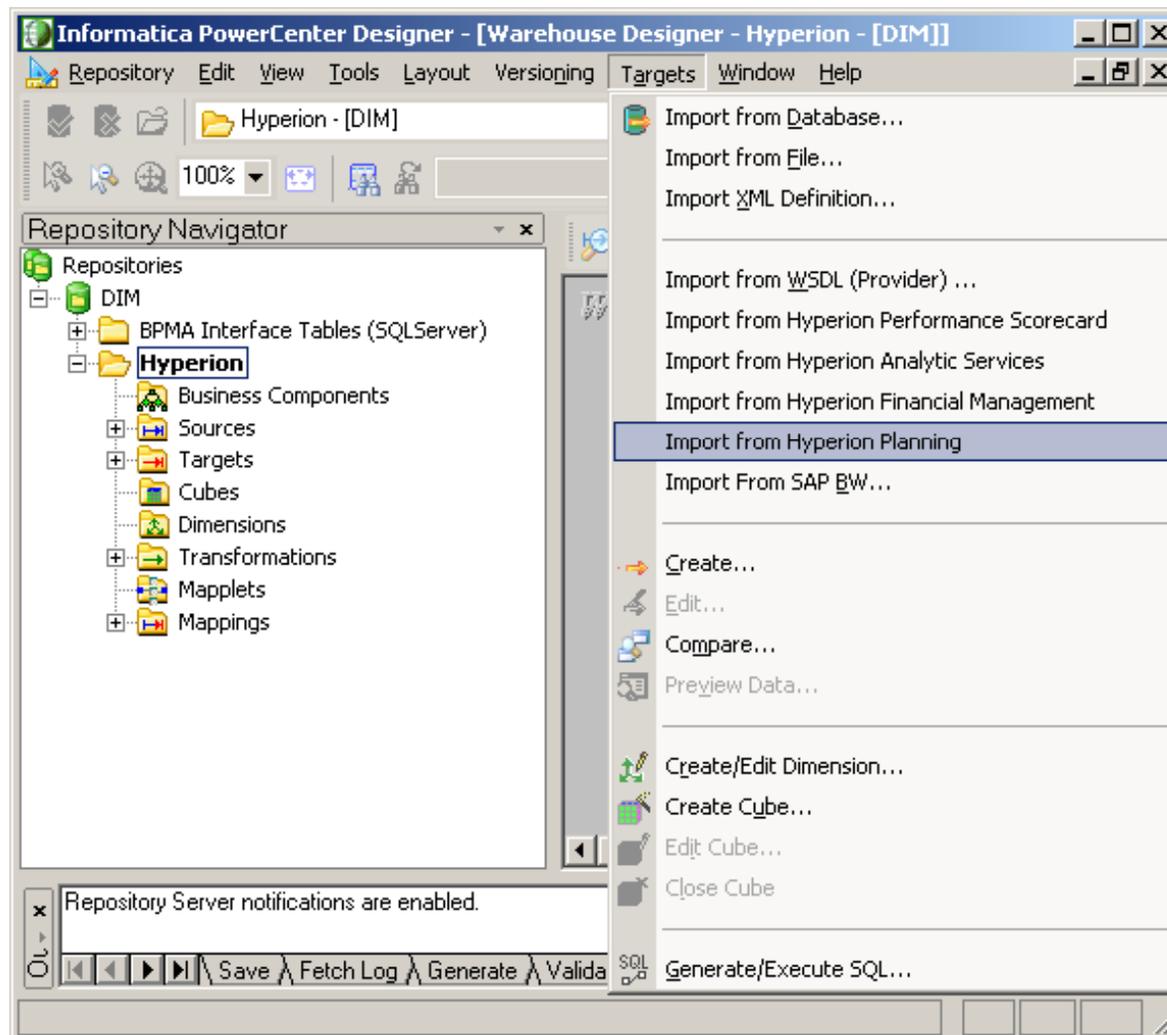
## Essbase Source Creation (Optional)

The screenshot illustrates the steps for creating an Essbase source in Hyperion. It features three main windows:

- Import Hyperion Analytic Services:** Shows DSN Information (DSN Name: Essbase\_houessbaset1, Server Name: houessbaset1, User Name: essadmin) and Imported Tables (Analytic Services: Essbase\_houessbaset1, FAB\_Expense\_Type1). A tree view lists dimensions like Company, CostCenter, and Scenario.
- Preview Data:** A data grid showing columns for dimensions and values. The data is as follows:
 

Comj	Cost	Gros	LOB	Peric	Scer	Versi	Year	0000	0010
Comj	Cost	Gros	LOB	Peric	Scer	Versi	Year	,139	,527
Comj	Cost	Gros	LOB	Peric	Scer	Versi	FY06	,139	,527
Comj	Cost	Gros	LOB	Peric	Scer	Versi	FY07	,022	,868
Comj	Cost	Gros	LOB	Peric	Scer	Versi	FY08	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Versi	FY09	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Versi	No Y	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Final	Year	,139	,527
Comj	Cost	Gros	LOB	Peric	Scer	Final	FY06	,139	,527
Comj	Cost	Gros	LOB	Peric	Scer	Final	FY07	,022	,868
Comj	Cost	Gros	LOB	Peric	Scer	Final	FY08	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Final	FY09	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Final	No Y	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Wort	Year	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Wort	FY06	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Wort	FY07	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Wort	FY08	#Mis	#Mis
Comj	Cost	Gros	LOB	Peric	Scer	Wort	FY09	#Mis	#Mis
- Edit Report Script:** Shows Member Selection (Company, CostCenter, Gross/Net) and Member Sort Order (SORTNONE). It includes fields for Member Selection Command (<CHILDREN) and Data Filter (Data Range Command).

## Targets Menu



## Warehouse Designer

- Create and Modify Targets
- Create and Modify ROLAP Cubes and Dimensions
- Targets Available:
  - Relational Database
  - File (Similar to importing a file in Excel)
  - XML Definition
  - WSDL Provider (Custom Web Services)
  - Hyperion Performance Scorecard
  - Hyperion Analytic Services (Essbase)
  - Hyperion Planning
  - HFM
  - SAP BW
- Compare Sources
- Preview Data

## Essbase Target Creation

- Similar to Essbase Source Creation
- By Defining an Essbase Target of Type 1 or 2 (data) you are implicitly creating a load rule within DIM
  - Type 1 (Accounts in the Columns) - must only choose which Accounts to load
  - Type 2 (Data in last column) - No choices to make and is created by DIM
- Defining a Type 3(Metadata) Essbase Target still requires you to create a Load Rule in AAS to Dynamically build a dimension. This functionality might not be commonly used.

## Planning Target Creation

- Create Planning DSN
- Connect to the Planning Database

**Import Hyperion Planning Targets**

DSN Information:

DSN: FAB\_Prod

Server: houhyplan1

Application: FAB

Username: planadmin

Password:

Connect

Targets

Dimension	Table Name	Sort in Parent/Child Order	Load Order by Input
-----------	------------	----------------------------	---------------------

Select All Clear All

Create UDA Target

**Define DSN**

DSN Information:

DSN: DansTestPlan

Description:

Server Information:

Server: localhost

RMI port: 11333

Get applications

Application Information:

Application: TESTPLAN

Username: Demoadmin

Password:

Test connectivity

OK Cancel Help

## Planning Target Creation (continued)

- Select the Target Dimensions

**Import Hyperion Planning Targets** 10

DSN Information

DSN: FAB\_Dev

Server: houessbase1

Application: FAB

Username: planadmin

Password: xxxxxxxx

Buttons: OK, Cancel, Help, About, Connect

---

Targets

7	Dimension	Table Name	Sort in Parent/Child Order	Load Order by Inpt
<input type="checkbox"/>	Account	FAB:Account	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Cost Center	FAB:Cost Center	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Company	FAB:Company	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	LOB	FAB:LOB	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Gross/Net	FAB:Gross/Net	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Line Item	FAB:Line Item	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Asset Class	FAB:Asset Class	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Approval	FAB:Approval	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Priority	FAB:Priority	<input type="checkbox"/>	<input type="checkbox"/>

Buttons: Select All, Clear All

Create UDA Target

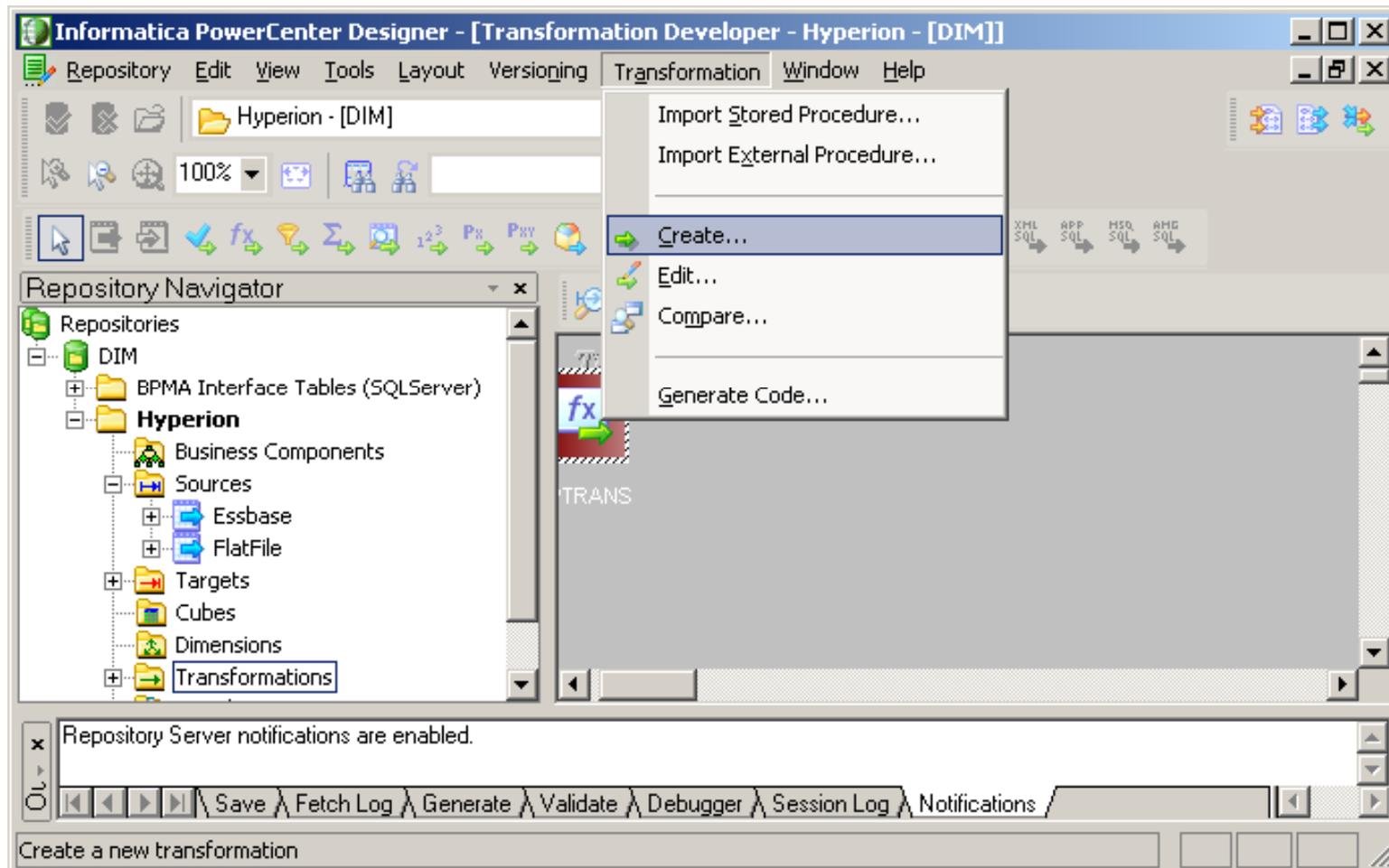
Name	Datatype	Le...
Account	Text	255
Parent	Text	255
Alias: Default	Text	255
Alias: Forms...	Text	255
Valid For Co...	Text	255
Data Storage	Text	255
Two Pass C...	Text	255
Description	Text	255
Formula	Text	255
UDA	Text	255
Smart List	Text	255
Data Type	Text	255
Operation	Text	255
Account Type	Text	255
Time Balance	Text	255
Skip Value	Text	255
Exchange R...	Text	255
Variance Re...	Text	255
Source Plan ...	Text	255
Plan Type (R...	Text	255
Aggregation ...	Text	255
Plan Type (E...	Text	255
Aggregation ...	Text	255
Plan Type (L...	Text	255
Aggregation ...	Text	255
Plan Type (C...	Text	255
Aggregation ...	Text	255
Interest	Text	255
Play	Text	255
Divest_Keep	Text	255
FC_Divest_K...	Text	255

## Planning Target Creation (continued)

- Results

FAB:Account (HyperionPlanni...)			FAB:Company (HyperionPlanni...)			FAB:Cost Center (HyperionPla...)		
Name	Datatype	Le...	Name	Datatype	Le...	Name	Datatype	Le...
Account	Text	255	Company	Text	255	Cost Center	Text	255
Parent	Text	255	Parent	Text	255	Parent	Text	255
Alias: Default	Text	255	Alias: Default	Text	255	Alias: Default	Text	255
Alias: Forms...	Text	255	Alias: Forms...	Text	255	Alias: Forms...	Text	255
Valid For Co...	Text	255	Valid For Co...	Text	255	Valid For Co...	Text	255
Data Storage	Text	255	Data Storage	Text	255	Data Storage	Text	255
Two Pass C...	Text	255	Two Pass C...	Text	255	Two Pass C...	Text	255
Description	Text	255	Description	Text	255	Description	Text	255
Formula	Text	255	Formula	Text	255	Formula	Text	255
UDA	Text	255	UDA	Text	255	UDA	Text	255
Smart List	Text	255	Smart List	Text	255	Smart List	Text	255
Data Type	Text	255	Data Type	Text	255	Data Type	Text	255
Operation	Text	255	Operation	Text	255	Operation	Text	255
Account Type	Text	255	Aggregation ...	Text	255	Plan Type (R...	Text	255
Time Balance	Text	255	Aggregation ...	Text	255	Aggregation ...	Text	255
Skip Value	Text	255	Aggregation ...	Text	255	Plan Type (E...	Text	255
Exchange R...	Text	255	Aggregation ...	Text	255	Aggregation ...	Text	255
Variance Re...	Text	255				Plan Type (I...	Text	255
Source Plan ...	Text	255				Aggregation ...	Text	255
Plan Type (R...	Text	255				Plan Type (C...	Text	255
Aggregation ...	Text	255				Aggregation ...	Text	255
Plan Type (E...	Text	255				Interest	Text	255
Aggregation ...	Text	255				Play	Text	255
Plan Type (I...	Text	255				Divest_Keep	Text	255
Aggregation ...	Text	255				FC_Divest_K...	Text	255
Plan Type (C...	Text	255						
Aggregation ...	Text	255						

## Transformations Menu



# Expression Transformations

- Consists of 3 Types Ports and 1 combination port
  - Input – must have at least one to be valid
  - Output – must have at least one to be valid
  - Input and Output combination
  - Variable – can be used to store values for internal transformation use.
- Ports must manually be created

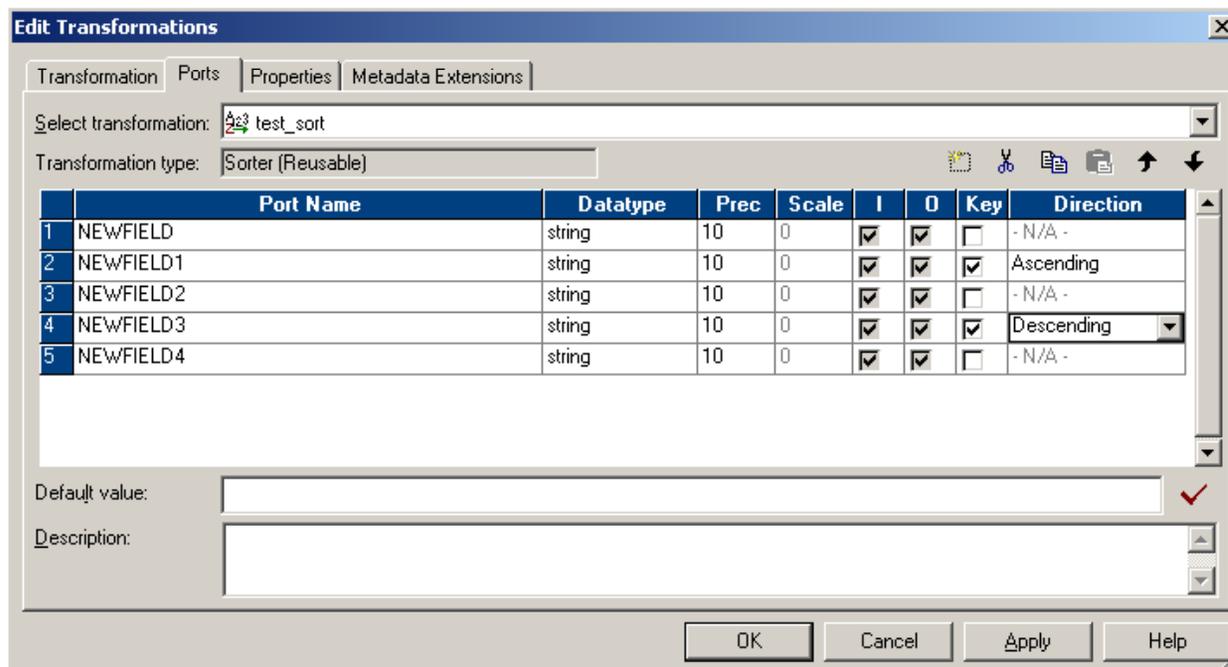
Name	Expression	Datatype	L...
DataStorage	'STORE'	string	80
ParentCCInput		string	80
ParentCCOutput	IIF(ParentCCInput='Hierarchy','TOT_COM_CO',ParentCCInput)	string	80
ChildInput	ChildInput	string	80
AliasInput		string	80
AliasFormsInput		string	80
AliasOutput	IIF(UPPER(ChildInput)=LTRIM(UPPER(AliasInput)),NULL,AliasInput)	string	80
AliasFormsOutput	IIF(UPPER(ChildInput)=LTRIM(UPPER(AliasFormsInput)),NULL,AliasFormsInput)	string	80
AccountType	AccountType	string	80
VarianceReportingInput		string	80
VarianceReportingOutput	IIF(UPPER(AccountType)='EXPENSE','EXPENSE',VarianceReportingInput)	string	80
ParentACCTInput		string	80
ParentACCTOutput	IIF(ParentACCTInput='FAB','Account',ParentACCTInput)	string	80

## Expression Transformations

- Use Output ports with In-Line Expressions to manipulate the data
- There are 66 functions available
- The IIF() is for providing In-Line If...Then...Else statements
- IIF's can be imbedded in IIF statements

# Sorter Transformations

- All ports are Input and Output
- Select on which ports the data to be sorted (Key ports)
- Key Ports can be ascending or descending
- No Sorter Transformations currently exist. This is an example only.



## Creating a Mapping

- Select Create from the Mappings menu
- Drag and drop the desired sources, targets, and transformations into the Mapping Designer window
- Connect the ports between the sources, targets, and transformations
- Select Validate from the Mappings menu
- Select Save from the Repository menu

## Workflow Manager

The screenshot displays the Informatica PowerCenter Workflow Manager interface. The main window is titled "Informatica PowerCenter Workflow Manager - [Workflow Designer - Hyperion - [DIM]]". The menu bar includes Repository, Edit, View, Tools, Layout, Versioning, Workflows, Tasks, Server, Connections, Window, and Help. The toolbar shows various icons for workflow management. The Repository Navigator on the left shows a tree structure with folders for DIM, HyperionIntegrationServer, BPMA Interface Tables (SQLServer), Hyperion, Tasks, Sessions, Worklets, and Workflows. The workflow "wf\_Dimtrain" is selected, showing its tasks: Start, s\_DimTrain, and wf\_FindErrors. The Workflow Designer canvas shows a workflow diagram with a green arrow labeled "Start" pointing to a task icon labeled "s\_DimTrain". The Output Window at the bottom shows the message "3/7/2008 2:36:54 AM \*\*\* Fetching workflow wf\_Dimtrain". The status bar at the bottom indicates "Ready".

## **Workflow Manager (Highlights)**

- The Layout is similar to the Designer
- Tools menu is the starting point
  - Task Developer
  - Worklet Designer
  - Workflow Designer
- Most Workflows can be created using the Workflow Wizard
- Workflows are made up of linked tasks
- Sessions are tasks that are associated with a specific Mapping
- Sessions use a specific Connection
- By default, when a session is created it uses the last used Connection of the same Connection Type
- When copying, creating, or migrating Repository objects between servers always check the Connection of each Session for correctness.

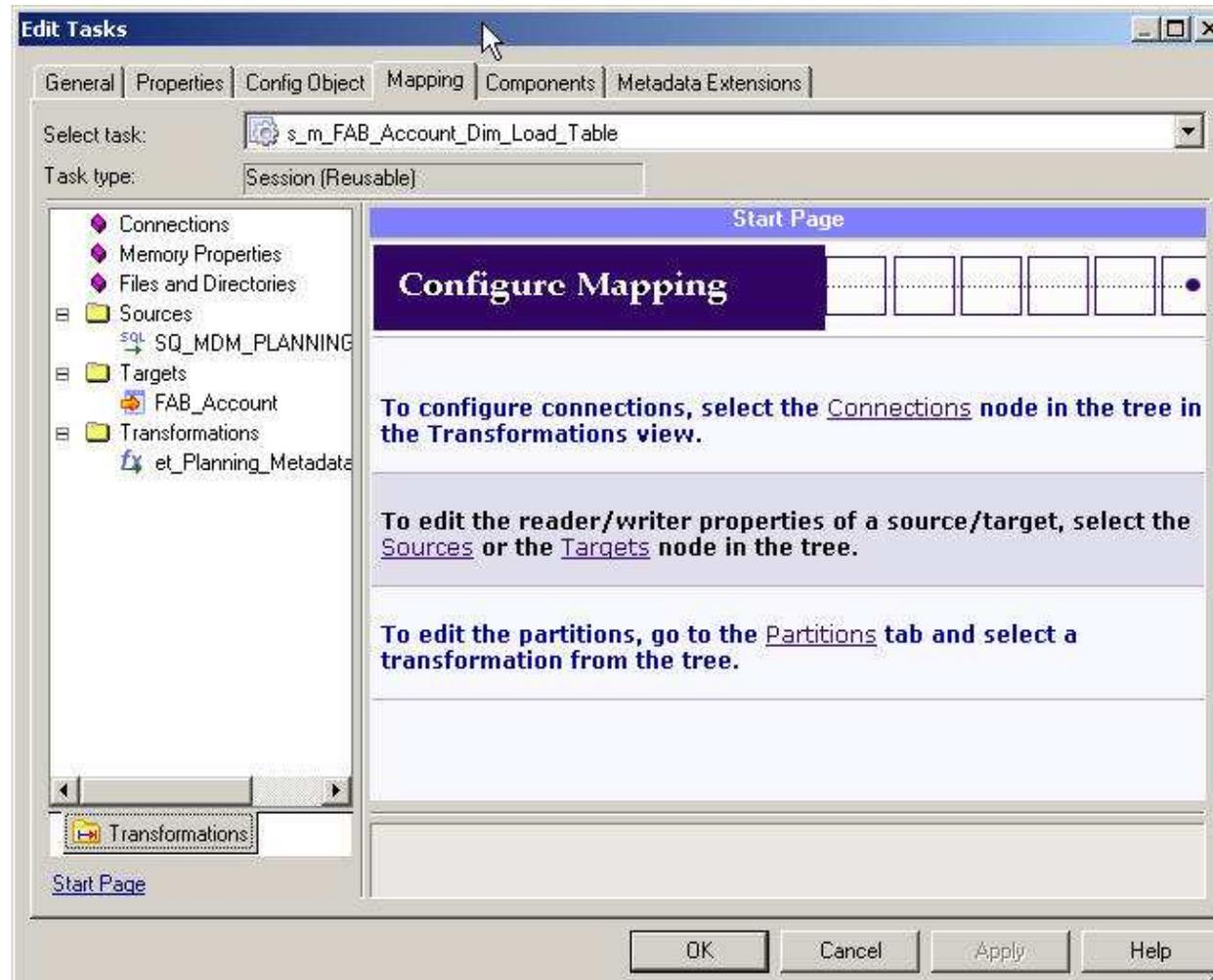
## Task Types

- **Session** – a task tied to a specific mapping
- **Command** – a command line statement
- **Decision**
- **Event Wait**
- **Worklet**
- **Control**
- **Event Raise**
- **Email**
- **Timer**
- **Assignment**

## **Changing a Session's Connection**

- Go into the Task Developer window
- Right Click the Task to edit
- Select Edit from the Menu
- Select the Mapping TAB from the window
- Click the Connections link
- Select a new application or Source and Target

## Session Edit Window



## Session Connections Window

The screenshot shows the 'Edit Tasks' window with the 'Mapping' tab selected. The task 's\_m\_FAB\_Account\_Dim\_Load\_Table' is selected, and its type is 'Session (Reusable)'. The left pane shows a tree view with 'Connections' expanded. The main pane displays a table of connections for the selected task.

Connections		
Type	Value	UnOverr...
<b>FAB_Account - Hyperion Planning Connection</b>		
Application	Hyperion_Planning_Connection_FAB	Revert
<b>SQL_MDM_PLANNING_ACCTHIER - DB Connection</b>		
Relational	edwp	
<b>s_m_FAB_Account_Dim_Load_Table</b>		
\$Source connection val...		
\$Target connection value		

At the bottom of the window, the text 'FAB\_Account - Hyperion Planning Connection' is displayed, along with 'OK', 'Cancel', 'Apply', and 'Help' buttons.

## Selecting another Connection

- Only the same type of Connections as the existing connection will be available for selection

