

*Trade In your Discoverer F-150
On a OBIEE Lexus*

**Doug Hahn
IT Convergence, Inc.**



Speaker Qualifications

- ▶ Doug Hahn Practice Director Fusion Middleware Services
 - ▶ IT Convergence, Inc.
- ▶ Presenter Collaborate 09 on OBIEE
- ▶ Co-Founder and second president of Nevada OUG
- ▶ Over 14 years Data Warehouse and BI experience
- ▶ Read our blogs at ITConvergence.com

TRUSTY, STRONG DISCOVERER

- ▶ Discoverer – strong, steady, but...
- ▶ Oracle database-centric
- ▶ Slow report runs
- ▶ Java applet has security issues
- ▶ No easy alerting or distribution capability



Along comes that shiny OBIEE

- ▶ OBIEE offers a whole lot of features:
- ▶ Support for multiple, simultaneous heterogeneous data sources.
- ▶ Unified business semantics.
- ▶ A visual metadata design tool
- ▶ A state of the art ad-hoc query and reporting tool
- ▶ A dashboard tool and presentation layer
- ▶ Alerts, distribution tools



You have a lot of investment

- ▶ That good old Discoverer F-150 has a lot invested in it
 - ▶ Reports
 - ▶ Portals
 - ▶ Memories
- ▶ You've seen the new car on the block
- ▶ Can you keep your investment?

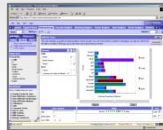


Comprehensive, Integrated BI Suite *Enables single enterprise BI architecture*

Reporting & Publishing



Ad-hoc Analysis



Interactive Dashboards



Essbase



Desktop Gadgets



Proactive Detection and Alerts



Disconnected & Mobile Analytics



MS Office & Outlook Integration



Common Enterprise Information Model

Integrated Security, User Management, Personalization

Multidimensional Calculation and Integration Engine

Intelligent Request Generation and Optimized Data Access Services



OLTP & ODS
Systems



Data Warehouse
Data Mart



OLAP



SAP, Oracle
PeopleSoft, Siebel,
Custom Apps

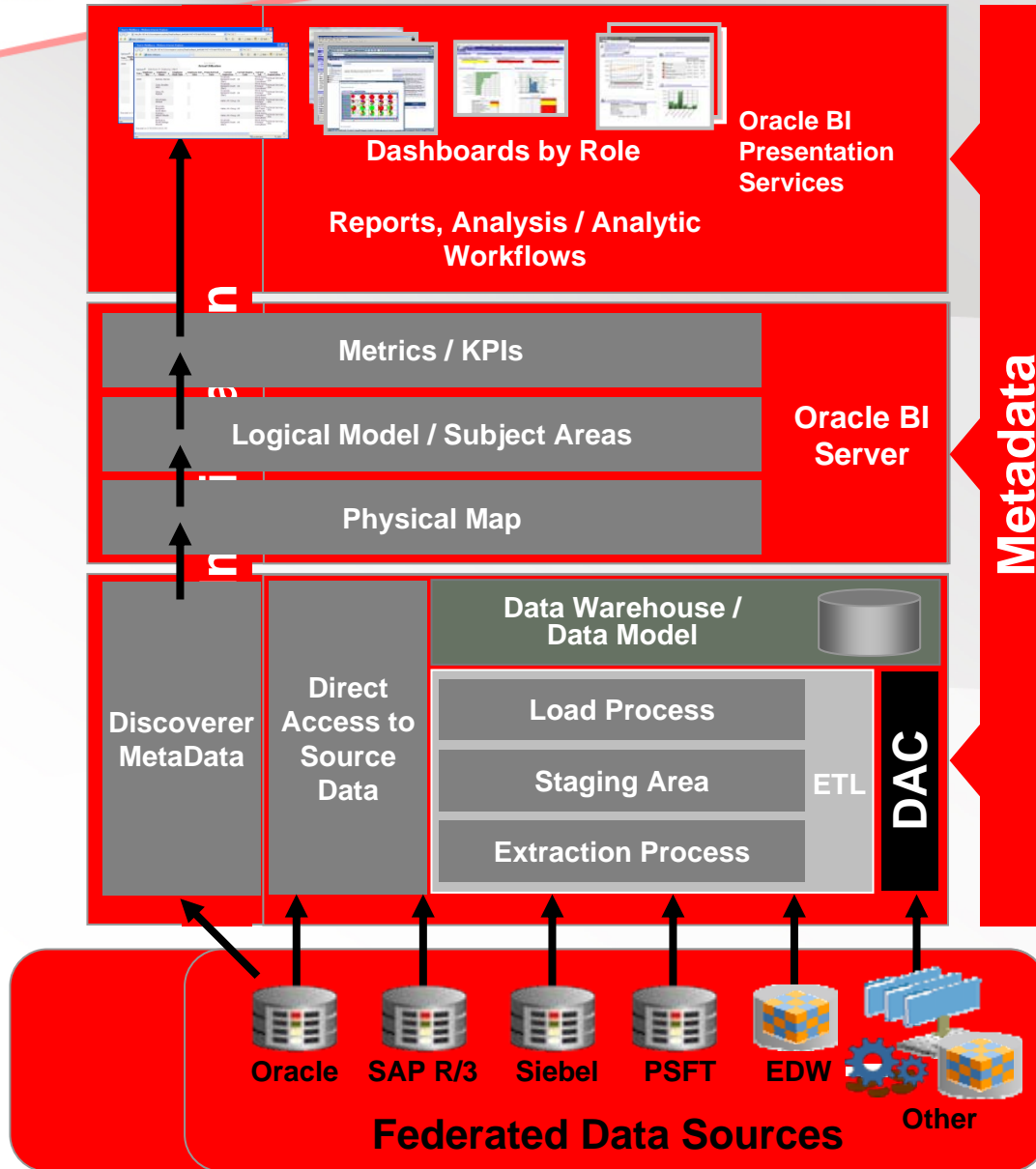


Files Excel
XML



Business
Process

Where does Discoverer fit in?



Comprehensive, Integrated BI Suite

Enables single enterprise BI architecture

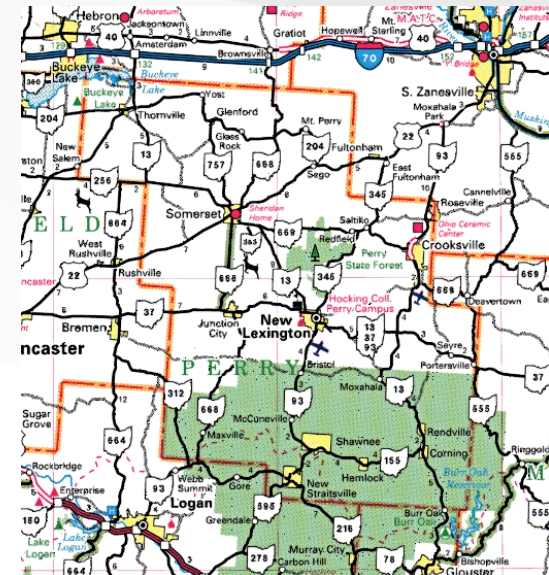
Oracle BI Suite Enterprise Edition

Advantages:

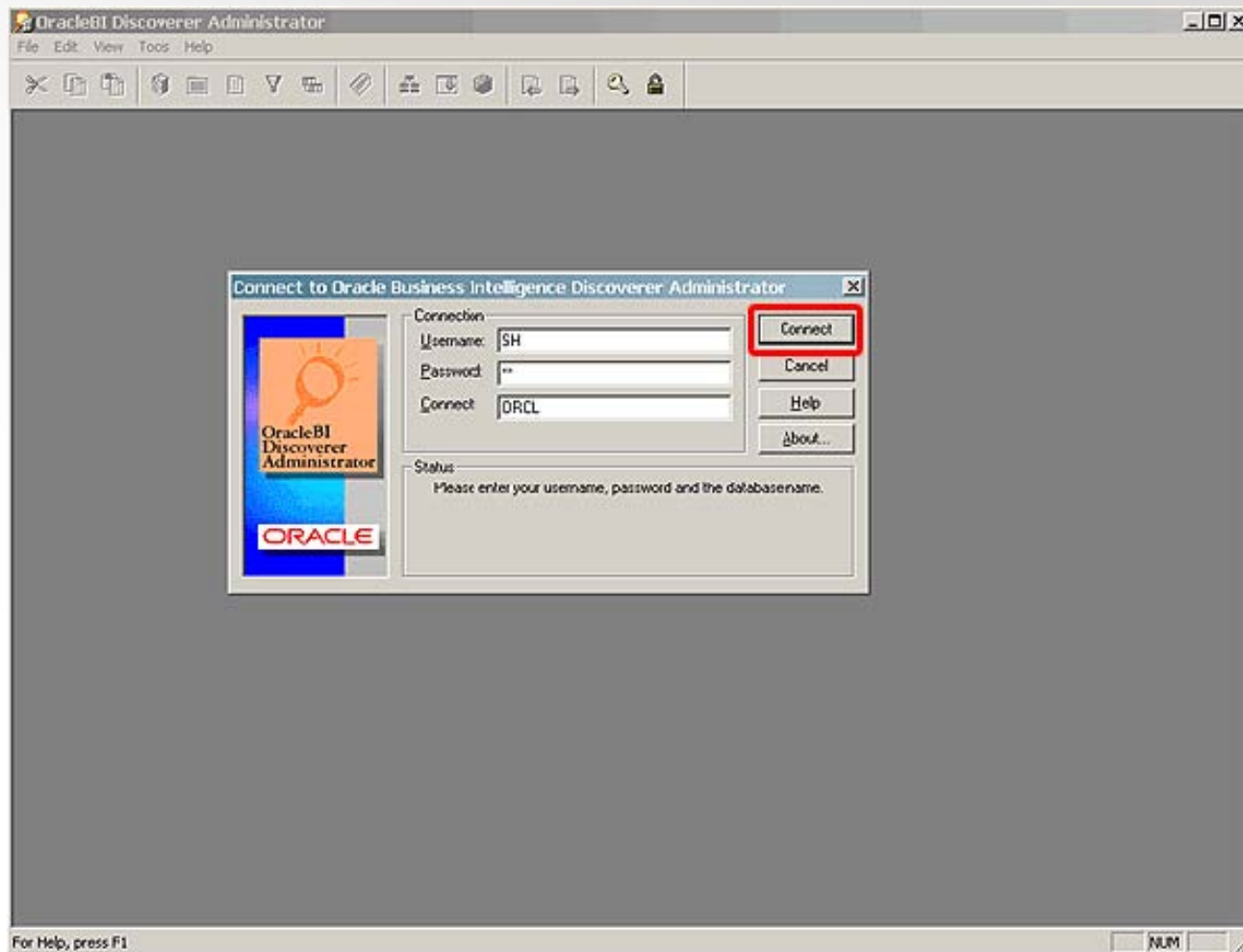
- ✓ **Consolidate and standardize BI tools**
- ✓ **Unified BI metadata and infrastructure**
- ✓ **Seamless BI user experience**

Sound good? Here's how to get there.

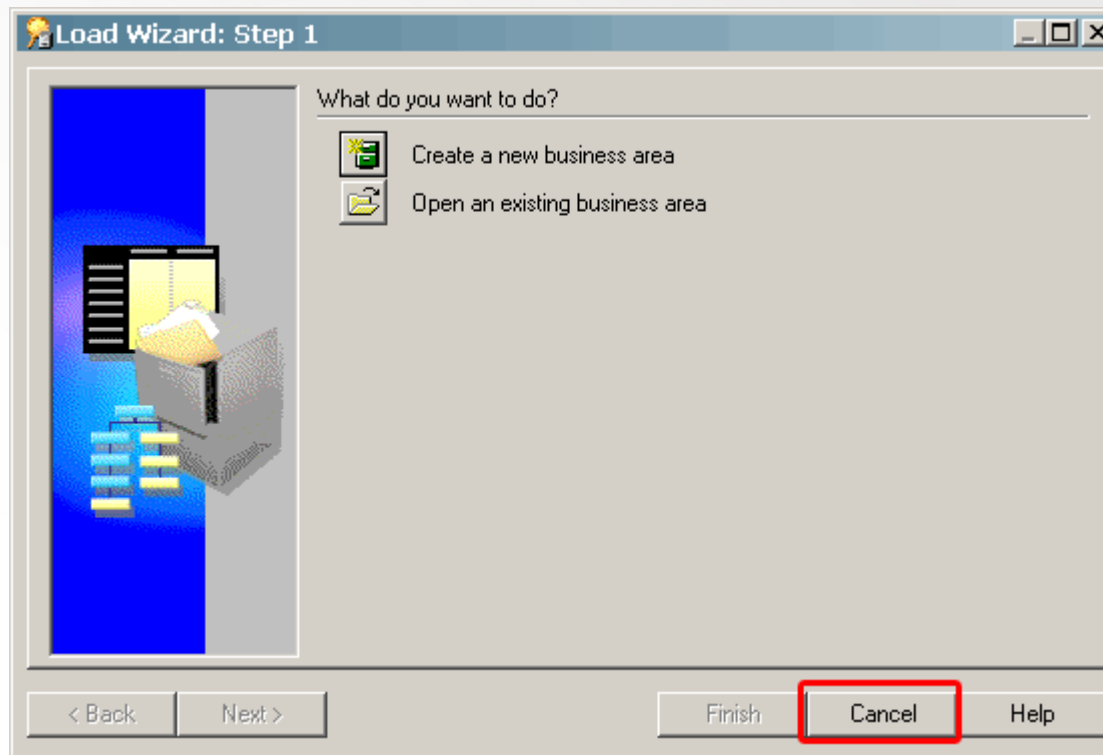
- ▶ Extract the Discoverer Metadata
- ▶ CREATE A NEW RPD FILE
 - OBIEE USES REPOSITORY DATA FILE
- ▶ USE THE OBIEE MIGRATION TOOL
 - MigrateEUL.exe
- ▶ Verify connectivity in new RPD file
- ▶ View the new OBIEE data
- ▶ Let's see how it works....



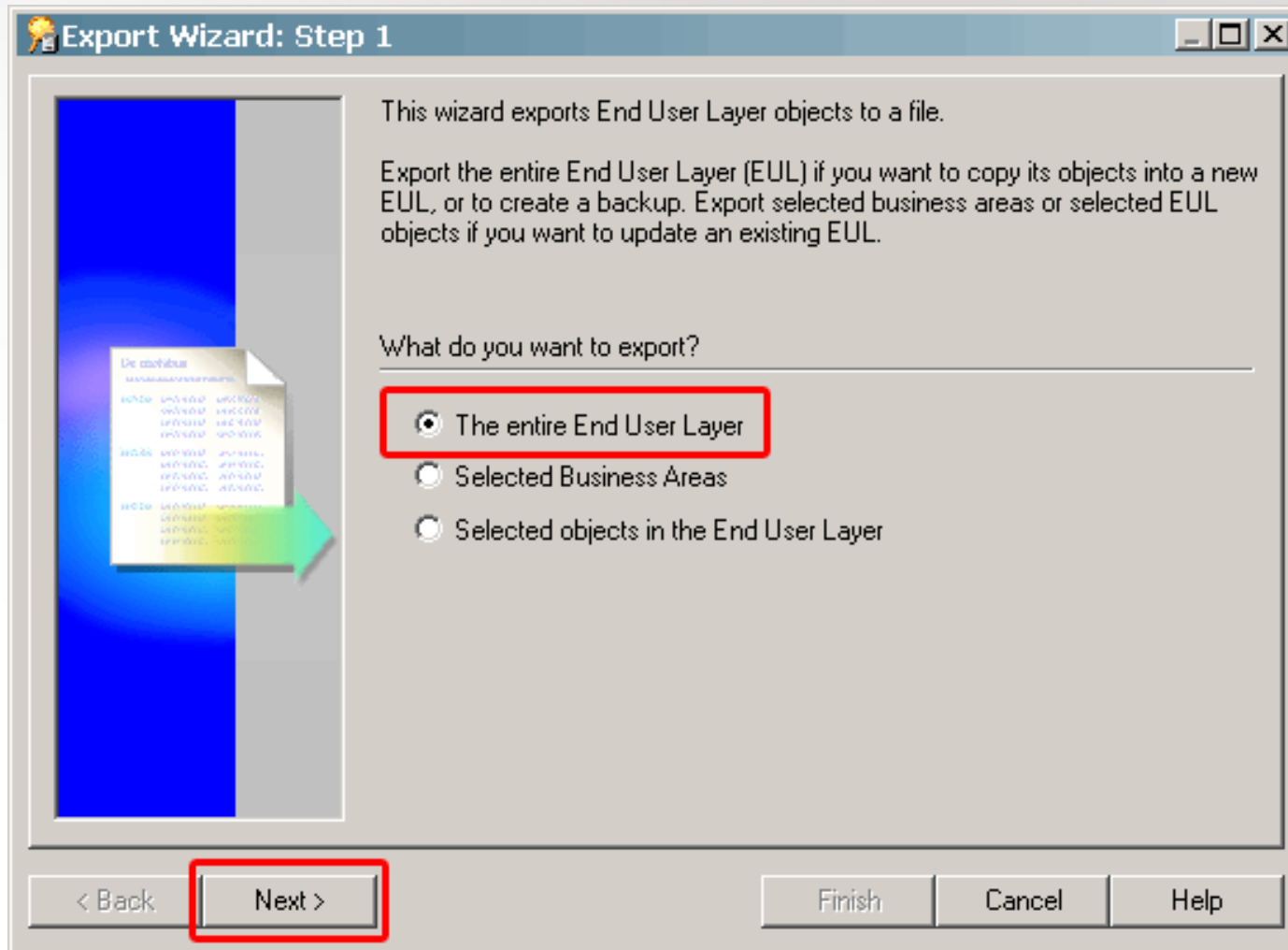
Discoverer Administrator



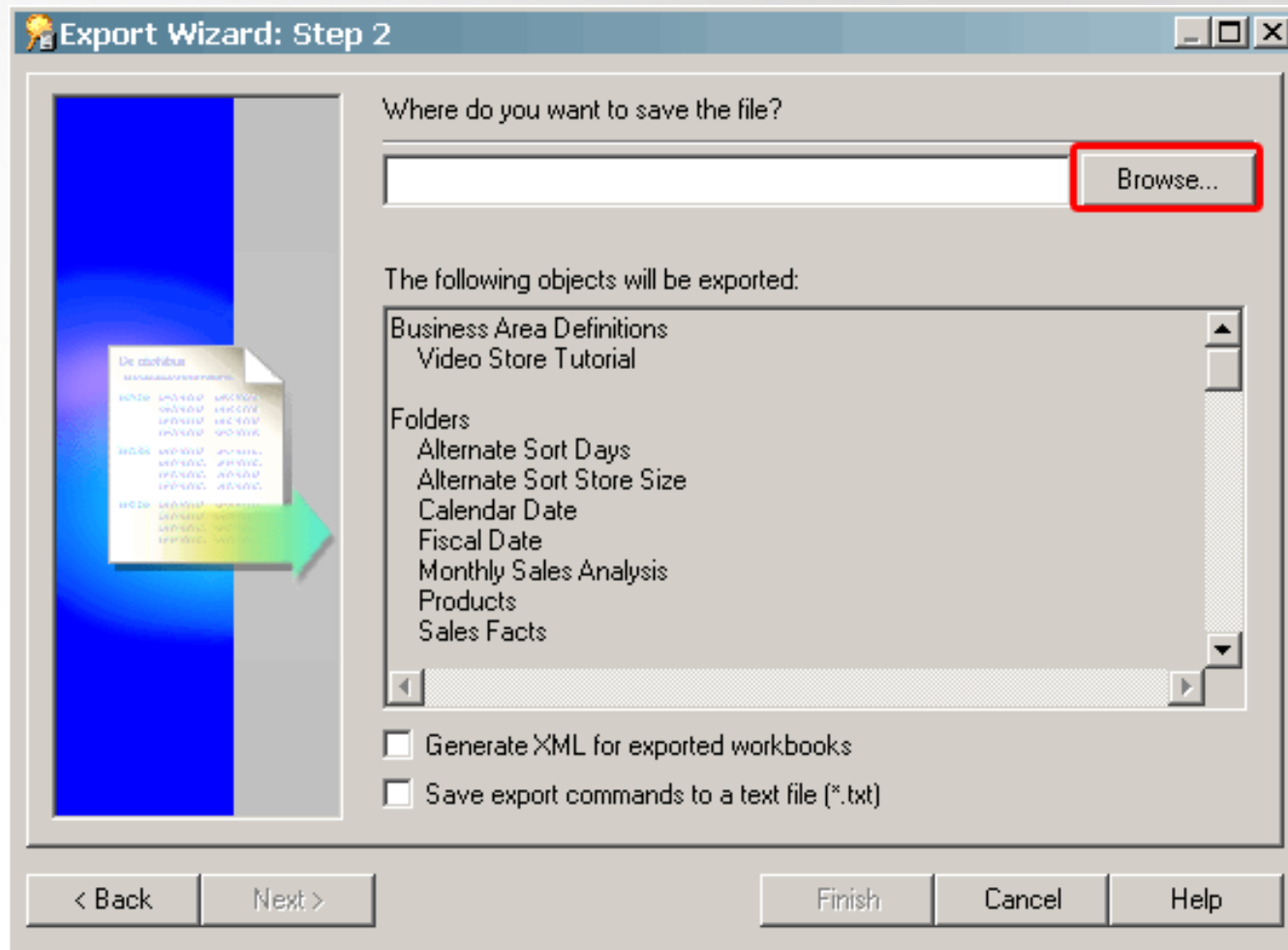
Discoverer Administrator (cont)



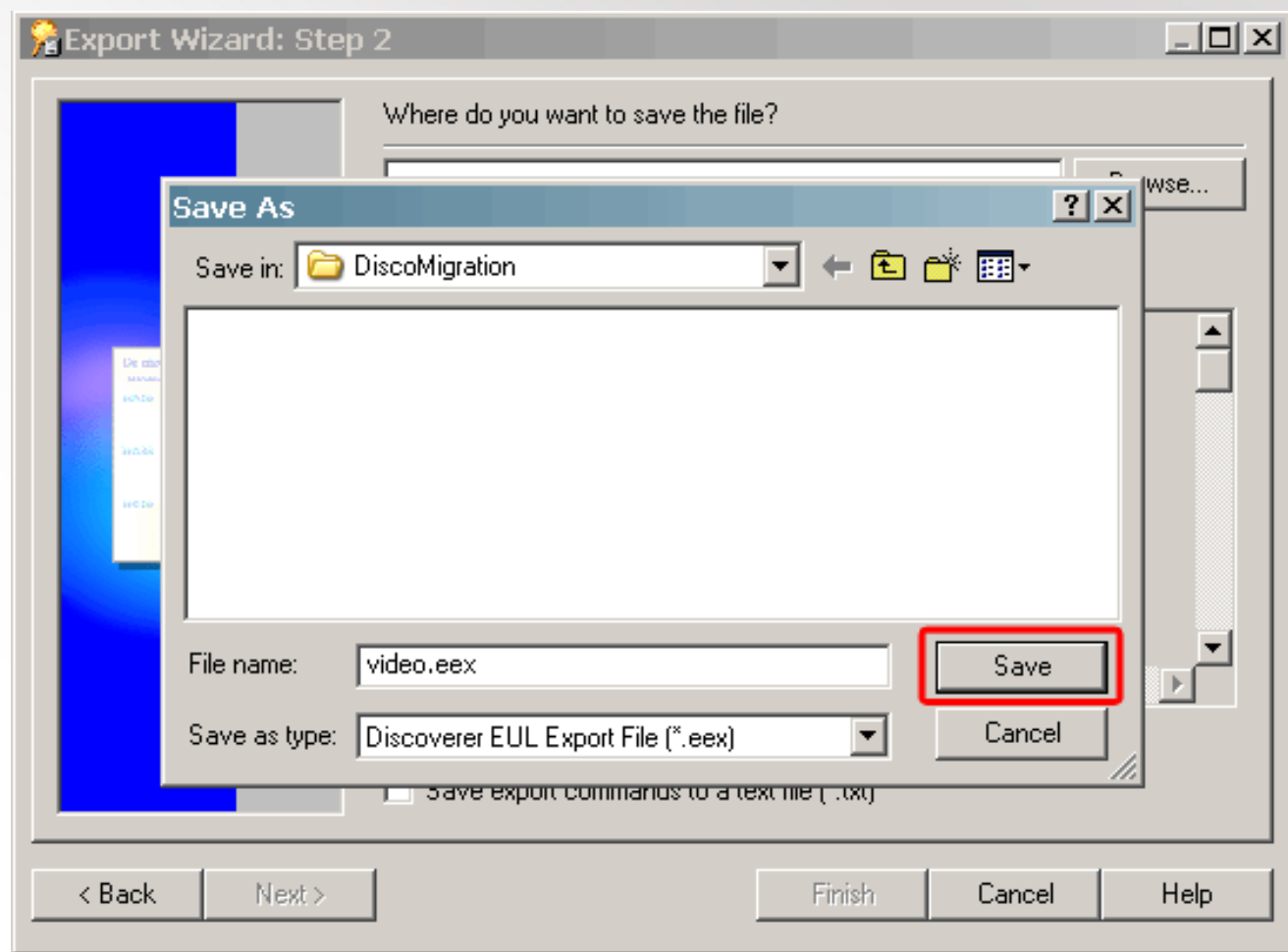
Discoverer Administrator (cont)



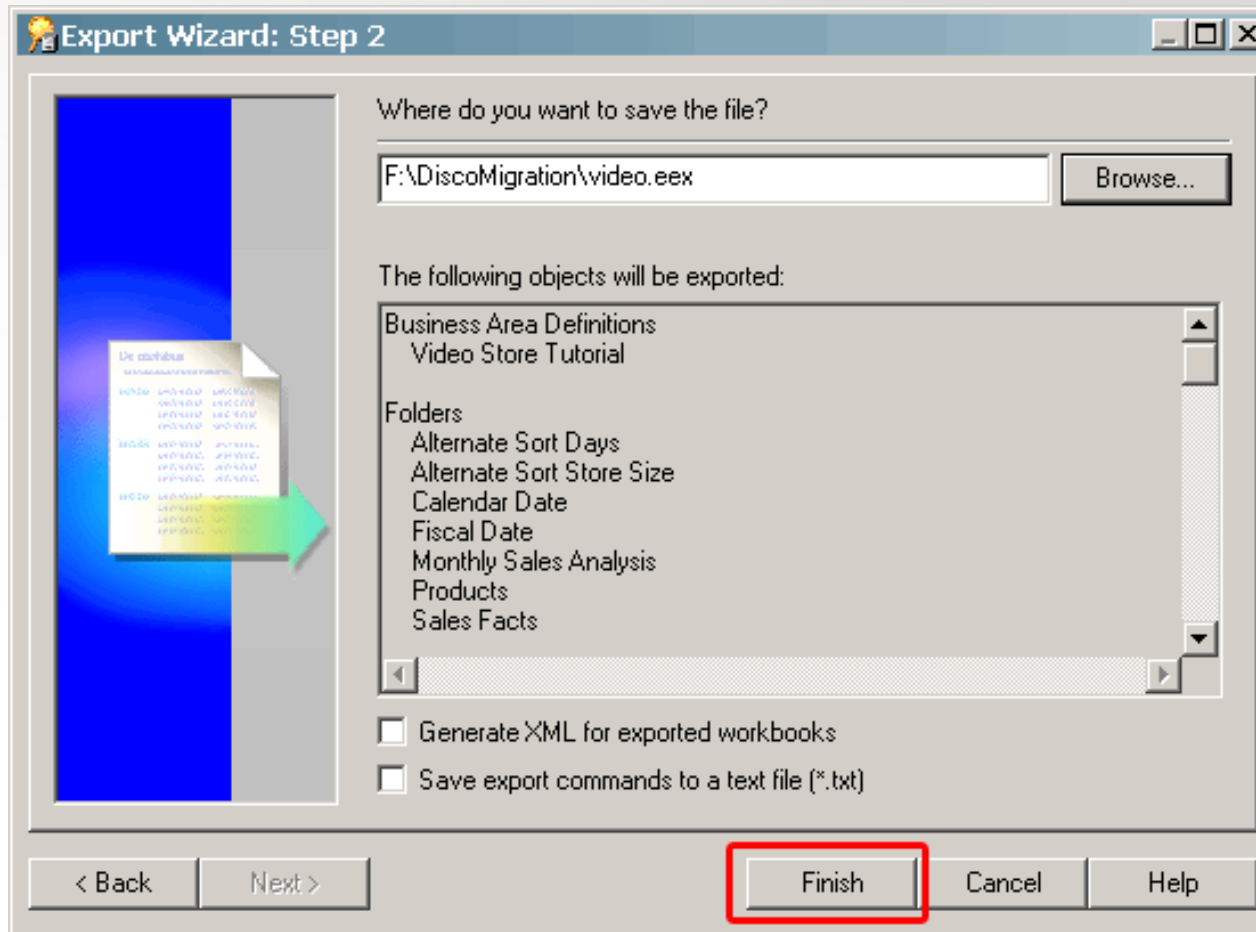
Discoverer Administrator (cont)



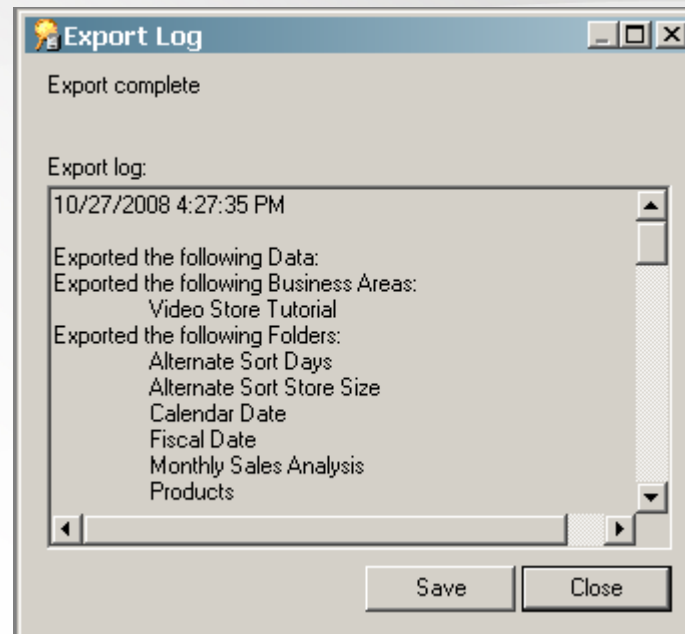
Discoverer Administrator (cont)



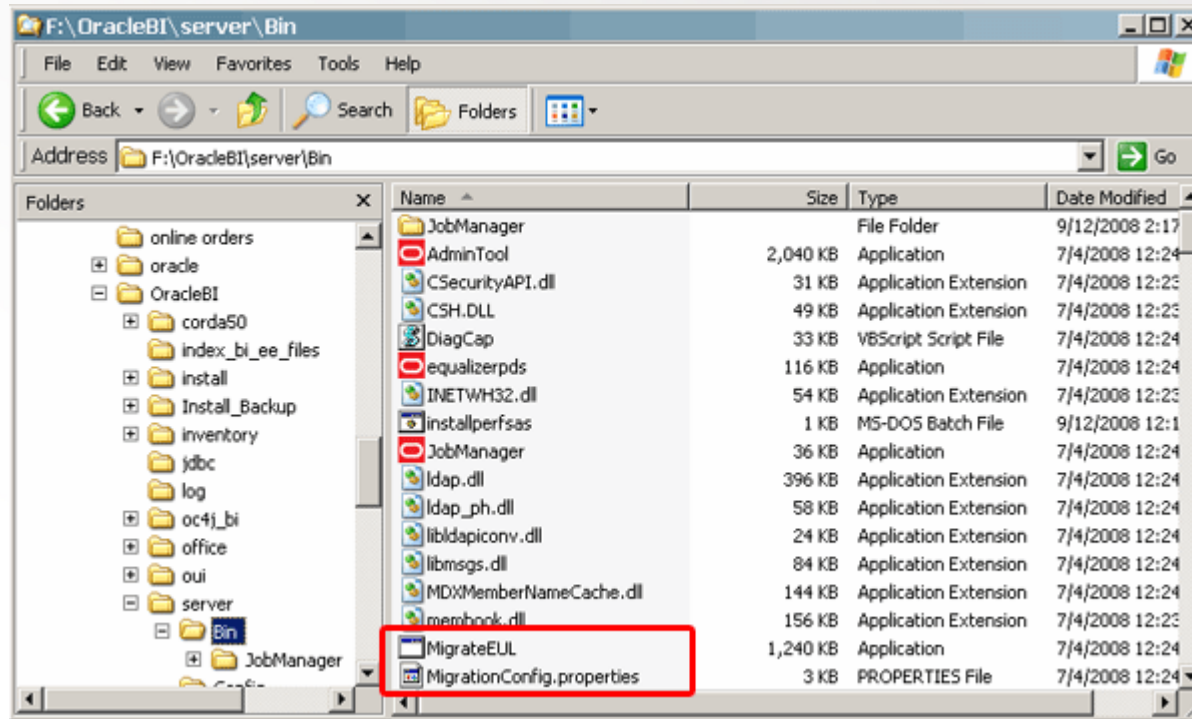
Discoverer Administrator (cont)



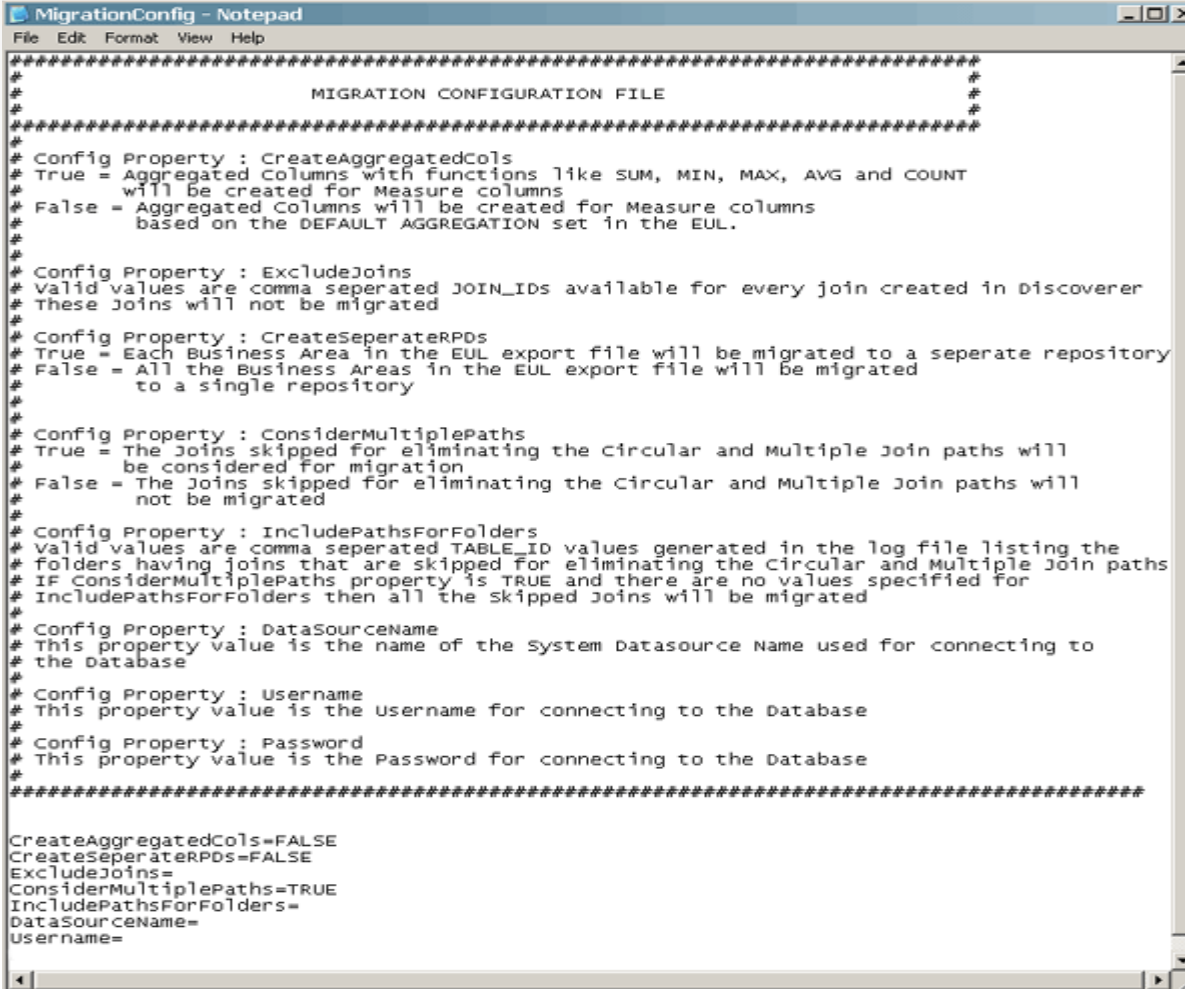
Discoverer Administrator (cont)



Oracle Discoverer Metadata Conversion Assistant

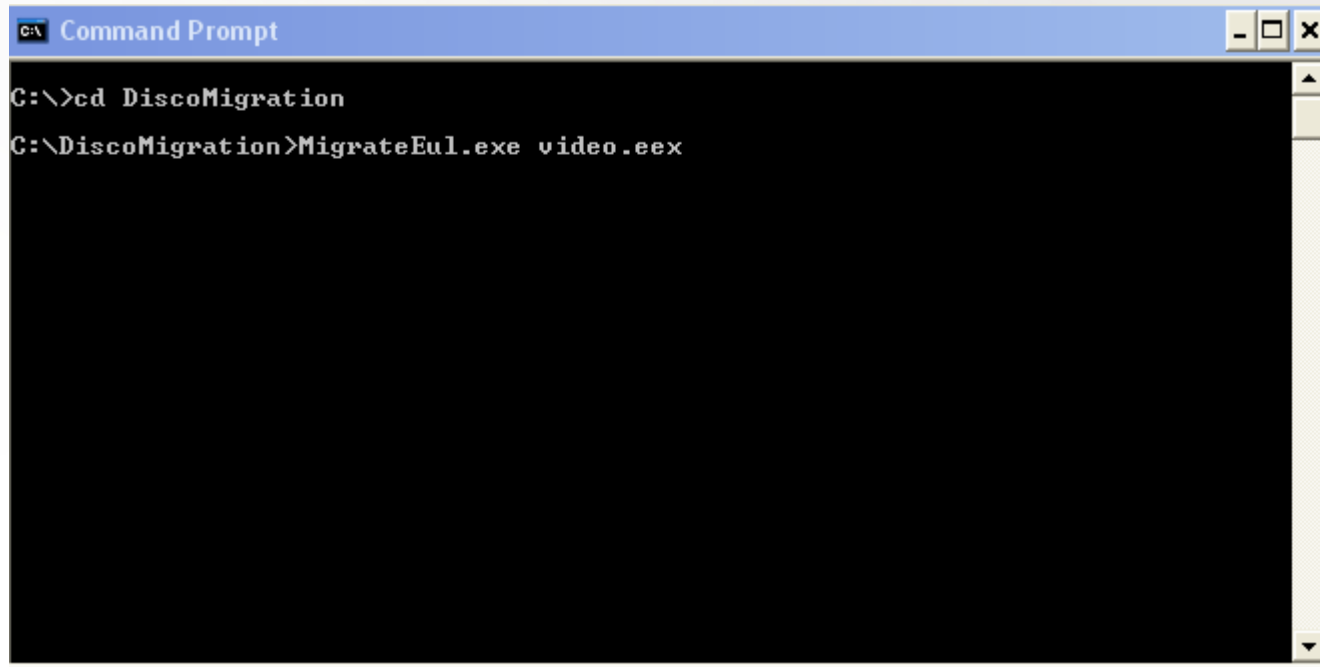


Oracle Discoverer Metadata Conversion Assistant (cont)



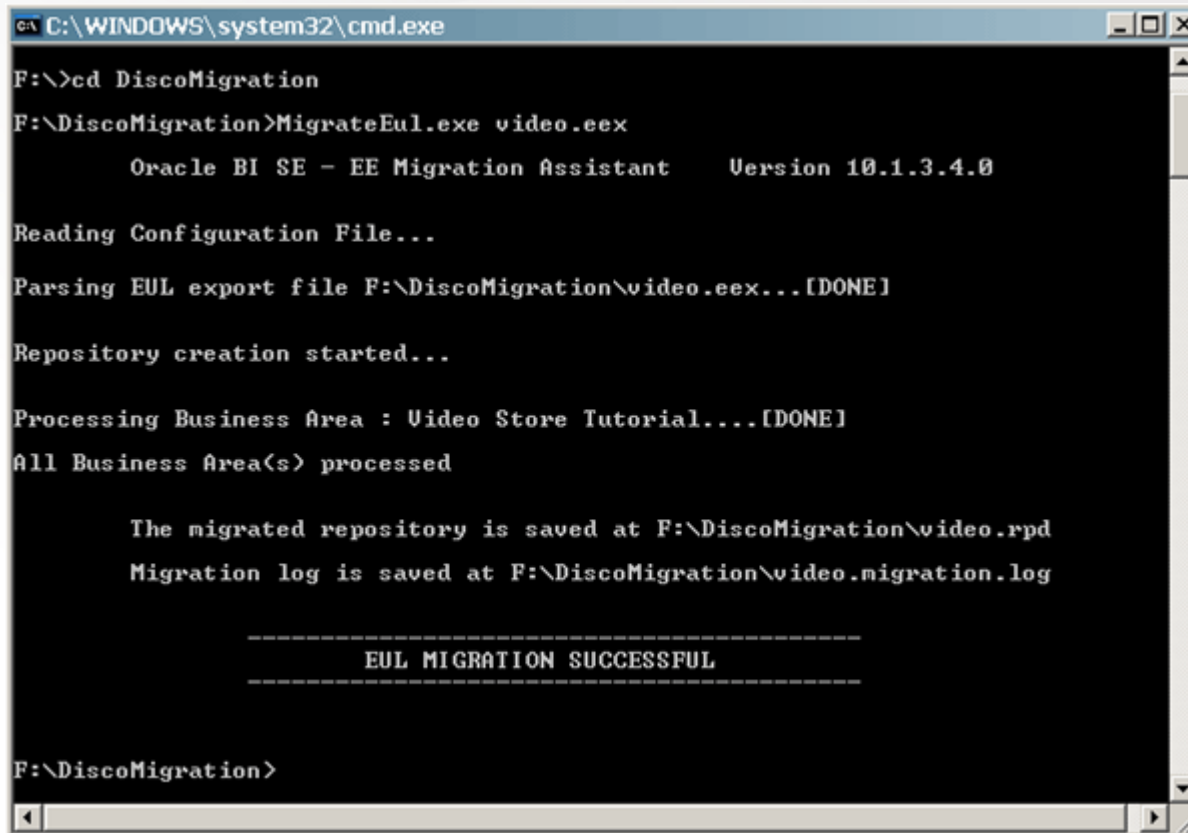
```
MigrationConfig - Notepad
File Edit Format View Help
#####
#
#           MIGRATION CONFIGURATION FILE
#
#####
# Config Property : CreateAggregatedCols
# True = Aggregated Columns with functions like SUM, MIN, MAX, AVG and COUNT
#         will be created for Measure columns
# False = Aggregated Columns will be created for Measure columns
#         based on the DEFAULT AGGREGATION set in the EUL.
#
# Config Property : ExcludeJoins
# Valid values are comma separated JOIN_IDS available for every join created in Discoverer
# These joins will not be migrated
#
# Config Property : CreateSeperateRPDS
# True = Each Business Area in the EUL export file will be migrated to a seperate repository
# False = All the Business Areas in the EUL export file will be migrated
#         to a single repository
#
# Config Property : ConsiderMultiplePaths
# True = The Joins skipped for eliminating the Circular and Multiple join paths will
#         be considered for migration
# False = The Joins skipped for eliminating the Circular and Multiple join paths will
#         not be migrated
#
# Config Property : IncludePathsForFolders
# Valid values are comma separated TABLE_ID values generated in the log file listing the
# folders having joins that are skipped for eliminating the Circular and Multiple Join paths
# IF considerMultiplePaths property is TRUE and there are no values specified for
# IncludePathsForFolders then all the skipped joins will be migrated
#
# Config Property : DataSourceName
# This property value is the name of the system Datasource Name used for connecting to
# the database
#
# Config Property : Username
# This property value is the Username for connecting to the Database
#
# Config Property : Password
# This property value is the Password for connecting to the Database
#
#####
CreateAggregatedCols=FALSE
CreateSeperateRPDS=FALSE
ExcludeJoins=
ConsiderMultiplePaths=TRUE
IncludePathsForFolders=
DataSourceName=
Username=
```

Oracle Discoverer Metadata Conversion Assistant (cont)



```
C:\ Command Prompt
C:\>cd DiscoMigration
C:\DiscoMigration>MigrateEul.exe video.eex
```

Oracle Discoverer Metadata Conversion Assistant (cont)



```
C:\WINDOWS\system32\cmd.exe
F:\>cd DiscoMigration
F:\DiscoMigration>MigrateEul.exe video.eex
      Oracle BI SE - EE Migration Assistant      Version 10.1.3.4.0

Reading Configuration File...
Parsing EUL export file F:\DiscoMigration\video.eex...[DONE]

Repository creation started...

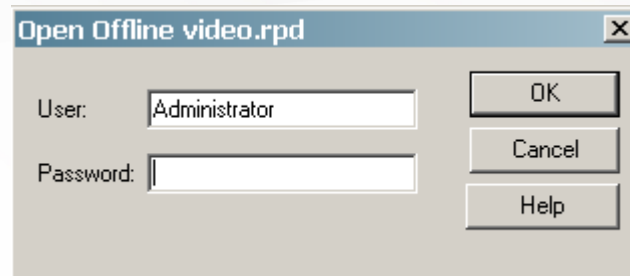
Processing Business Area : Video Store Tutorial...[DONE]
All Business Area(s) processed

      The migrated repository is saved at F:\DiscoMigration\video.rpd
      Migration log is saved at F:\DiscoMigration\video.migration.log

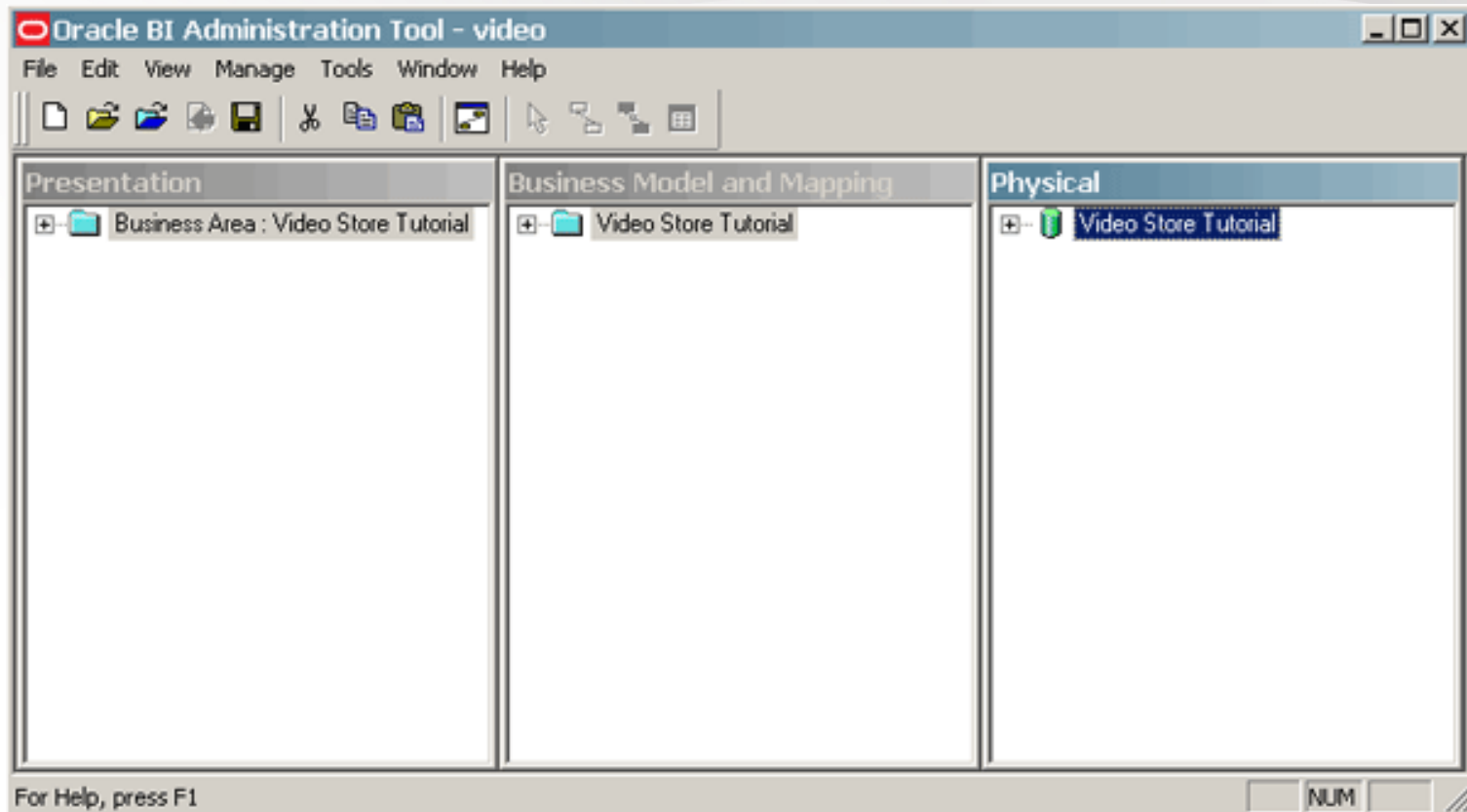
-----
      EUL MIGRATION SUCCESSFUL
-----

F:\DiscoMigration>
```

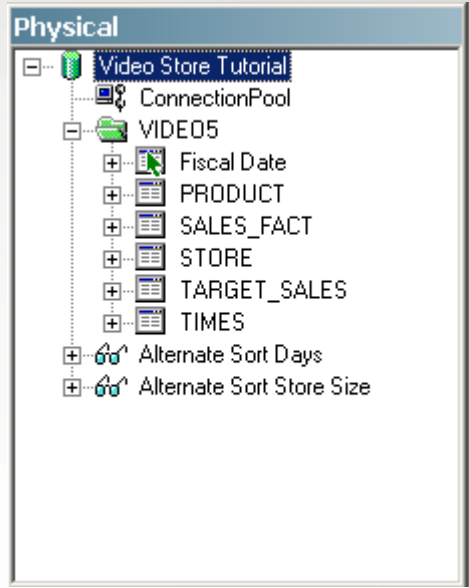
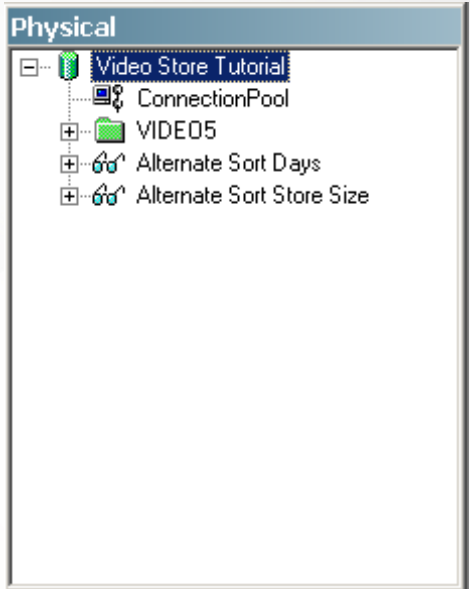
BI Administrator and the new RPD file



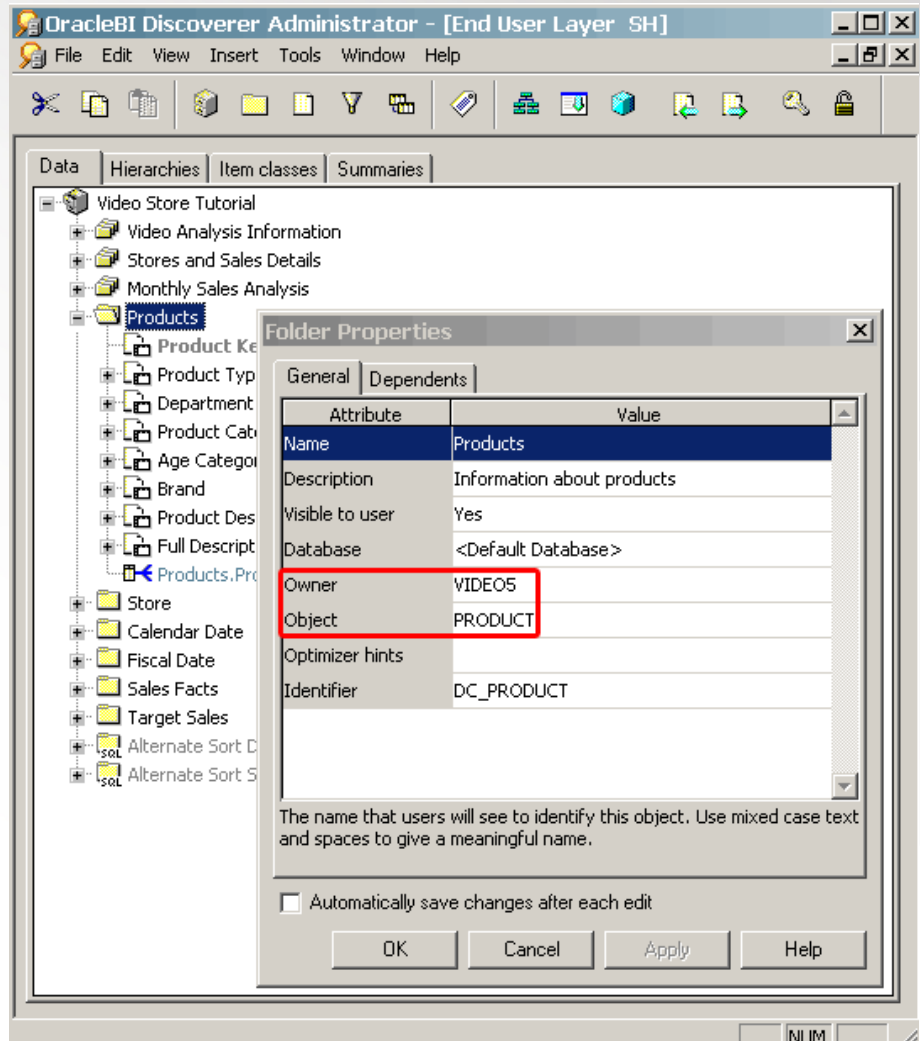
BI Administrator and the new RPD file (cont)



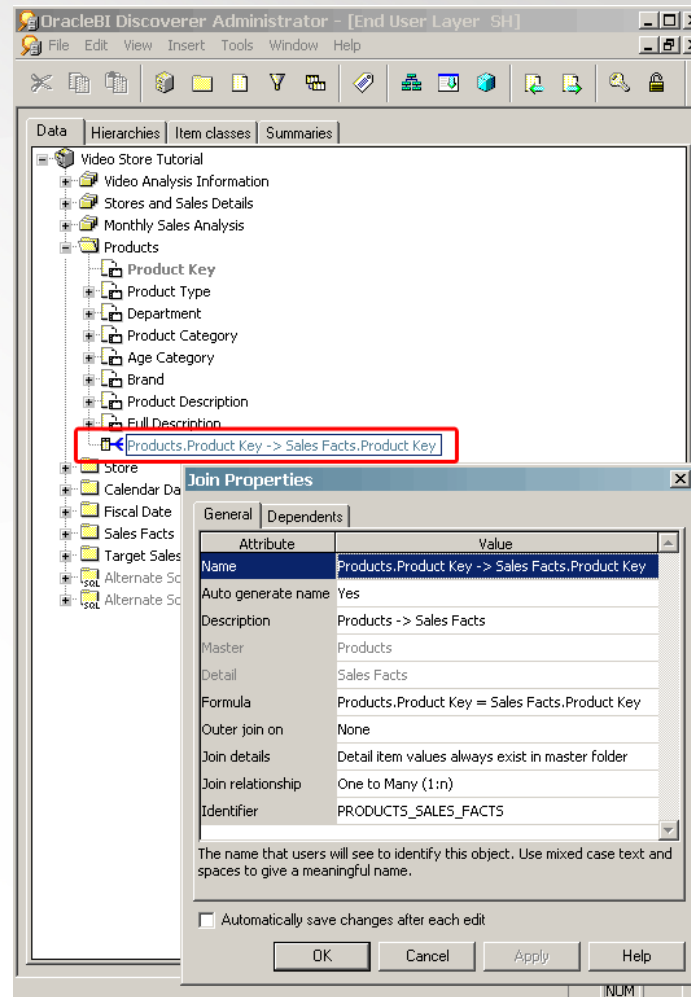
BI Administrator and the new RPD file (cont)



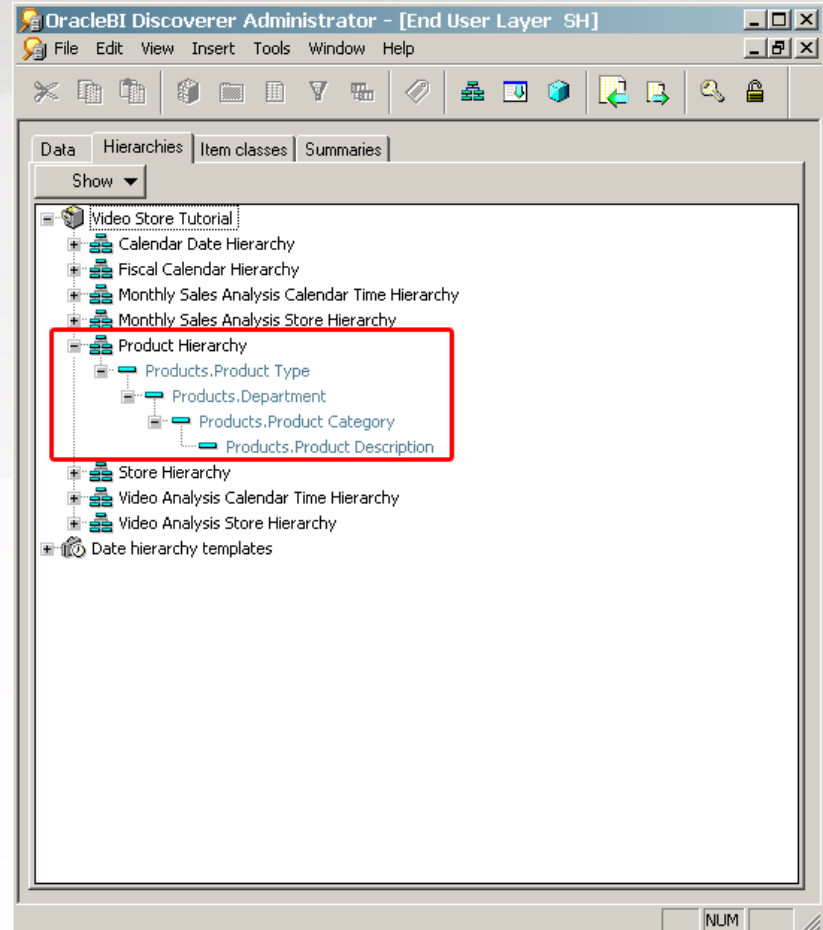
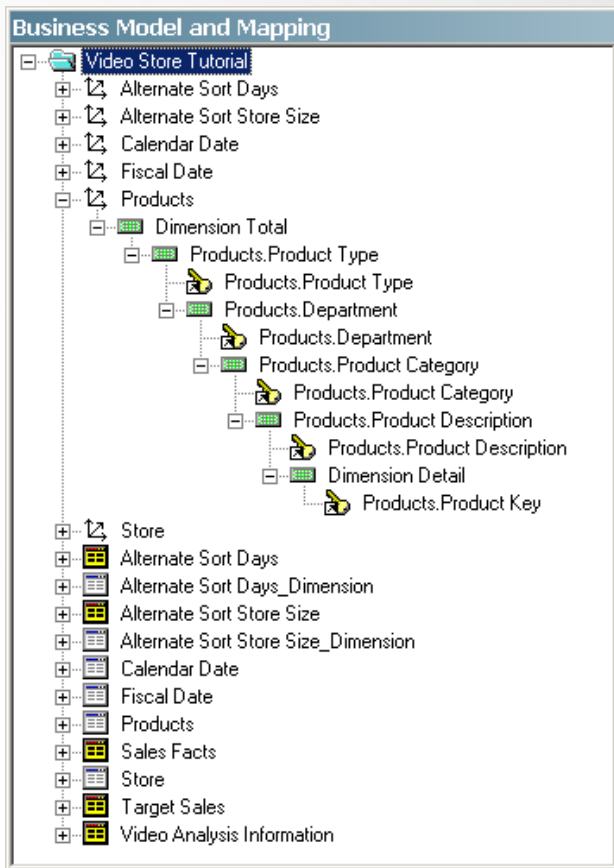
BI Administrator and the new RPD file (cont)



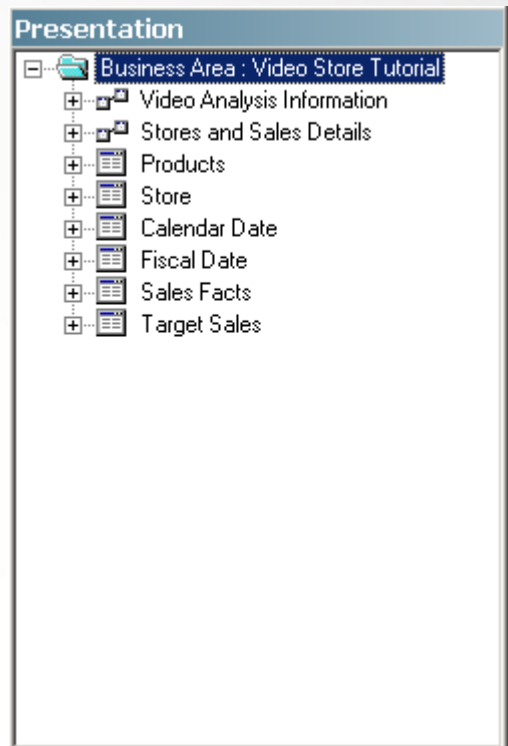
BI Administrator and the new RPD file (cont)



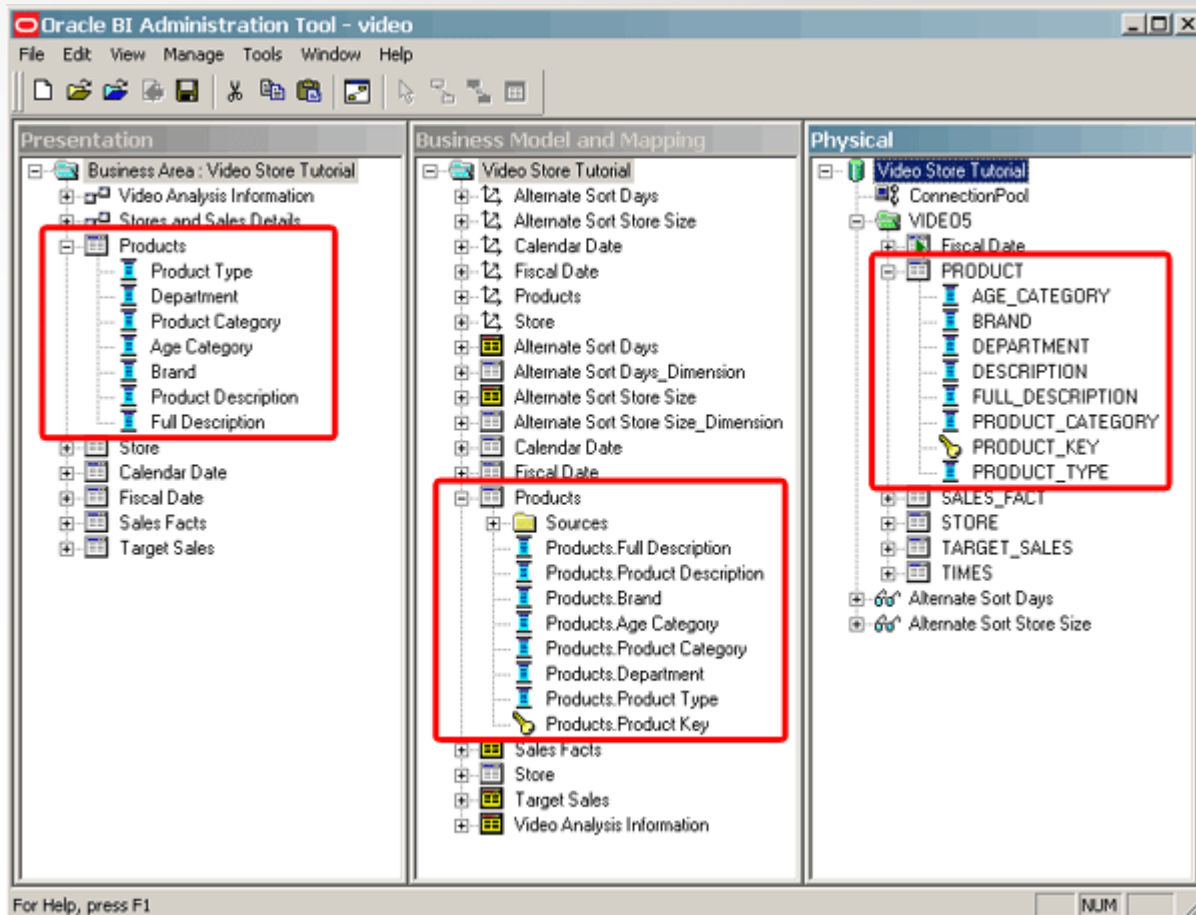
BI Administrator and the new RPD file (cont)



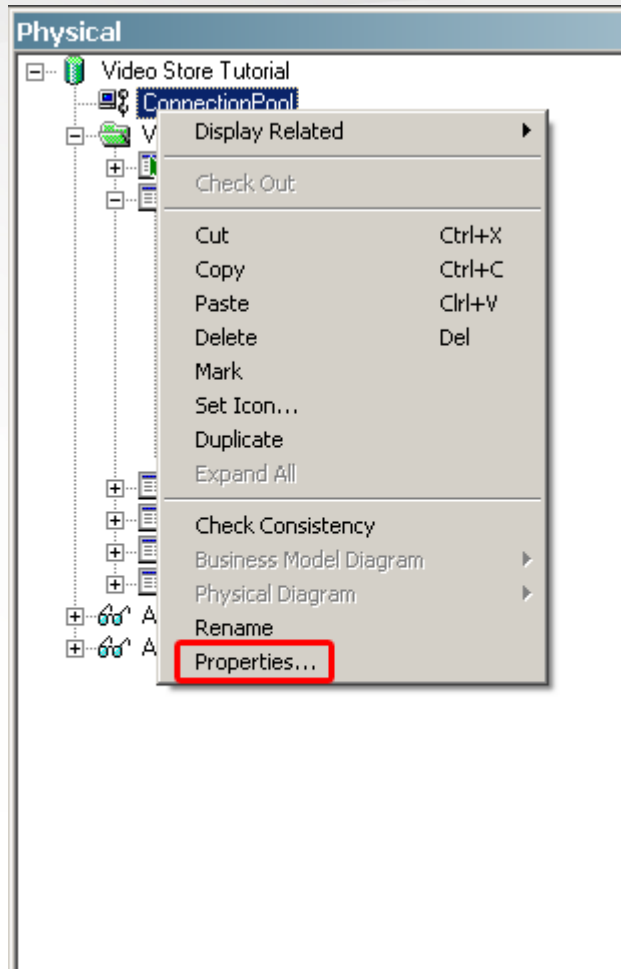
BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)

Cre
on
exp

Connection Pool - ConnectionPool

General | Connection Scripts | XML | Write Back

Name: Permissions...

Call interface:

Maximum connections:

Require fully qualified table names

Data source name:

Shared logon

User name: Password:

Enable connection pooling

Timeout: (minutes)

Use multithreaded connections

Execute queries asynchronously

Parameters supported

Isolation level:

Description:

OK Cancel Help

BI Administrator and the new RPD file (cont)

Connection Pool - ConnectionPool

General | Connection Scripts | XML | Write Back

Name: Permissions...

Call interface:

Maximum connections:

Require fully qualified table names

Data source name:

Shared logon

User name: Password:

Enable connection pooling

Timeout: (minutes)

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Execute queries asynchronously

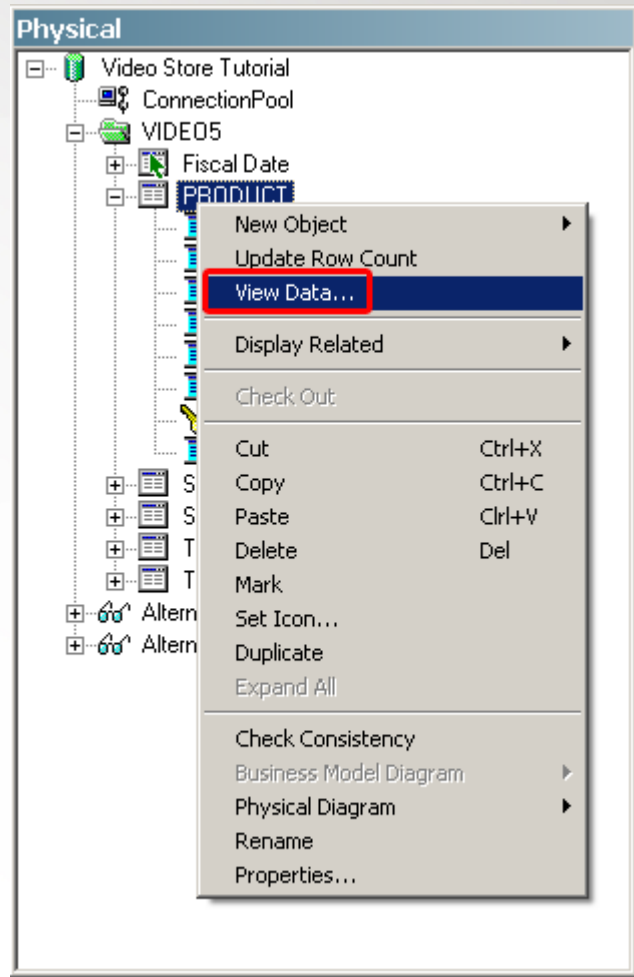
Parameters supported

Isolation level:

Description:

OK Cancel Help

BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)

View Data from Table "Video Store Tutorial".."VIDEO5"."PRODUCT"

141 rows Distinct

Show 100 rows starting from 0

Query

Close

	AGE_CATEGORY	BRAND	DEPARTMENT	DESCRIPTION	FULL_DESCRIPTION
0	over 12	MKF Studios	Video Rental	Beautiful Girls	demo\HWOnline.htm
1	all ages	Wolf	Video Rental	Toy Story	demo\HWOnline.htm
2	over 12	Parabuster Inc.	Video Rental	Sense and Sensibility	demo\HWOnline.htm
3	over 12	Wolf	Video Rental	Holiday of the Year	demo\HWOnline.htm
4	over 18	MKF Studios	Video Rental	Pulp Fiction	demo\HWOnline.htm
5	over 12	MKF Studios	Video Rental	The Juror	demo\HWOnline.htm
6	over 18	Parabuster Inc.	Video Rental	From Dusk Till Dawn	demo\HWOnline.htm
7	over 18	Big Studios	Video Rental	Helraiser: Bloodline	demo\HWOnline.htm
8	over 12	Big Studios	Video Rental	The Birdcage	demo\HWOnline.htm
9	all ages	Parabuster Inc.	Video Rental	Muppet Treasure Island	demo\HWOnline.htm
10	over 12	MKF Studios	Video Rental	The Bodyguard	demo\HWOnline.htm
11	all ages	MKF Studios	Video Rental	Aladdin	demo\HWOnline.htm
12	over 18	MKF Studios	Video Rental	The Crying Game	demo\HWOnline.htm
13	over 12	MKF Studios	Video Rental	Sister Act	demo\HWOnline.htm
14	over 12	Big Studios	Video Rental	Lethal Weapon 3	demo\HWOnline.htm
15	over 12	Parabuster Inc.	Video Rental	White Men Can't Jump	demo\HWOnline.htm
16	over 12	Wolf	Video Rental	Hard Target	demo\HWOnline.htm
17	over 12	Big Studios	Video Rental	Boomerang	demo\HWOnline.htm
18	all ages	MKF Studios	Video Rental	Free Willy	demo\HWOnline.htm
19	over 12	MKF Studios	Video Rental	Il Postino	demo\HWOnline.htm
20	over 12	MKF Studios	Video Rental	Patriot Games	demo\HWOnline.htm
21	over 12	Big Studios	Video Rental	A Few Good Men	demo\HWOnline.htm
22	over 12	Wolf	Video Rental	Wayne's World	demo\HWOnline.htm
23	over 18	MKF Studios	Video Rental	Pet Sematary II	demo\HWOnline.htm
24	over 12	Big Studios	Video Rental	Forever Young	demo\HWOnline.htm

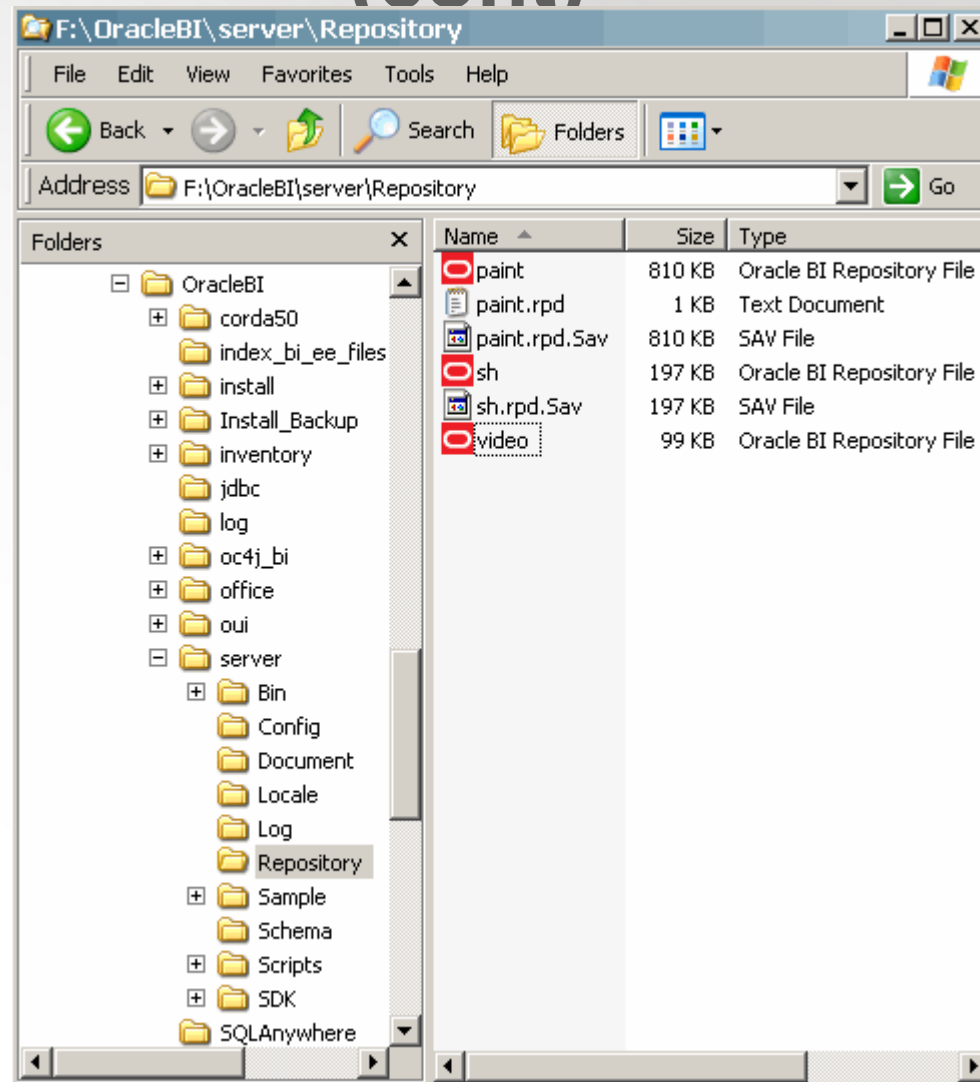
BI Administrator and the new RPD file (cont)

The screenshot shows a window titled "Consistency Check Manager" with a "Messages" tab selected. The "Display:" section has checkboxes for "Errors", "Warnings", and "Best Practices", all of which are checked. The "Messages:" section contains a table with the following data:

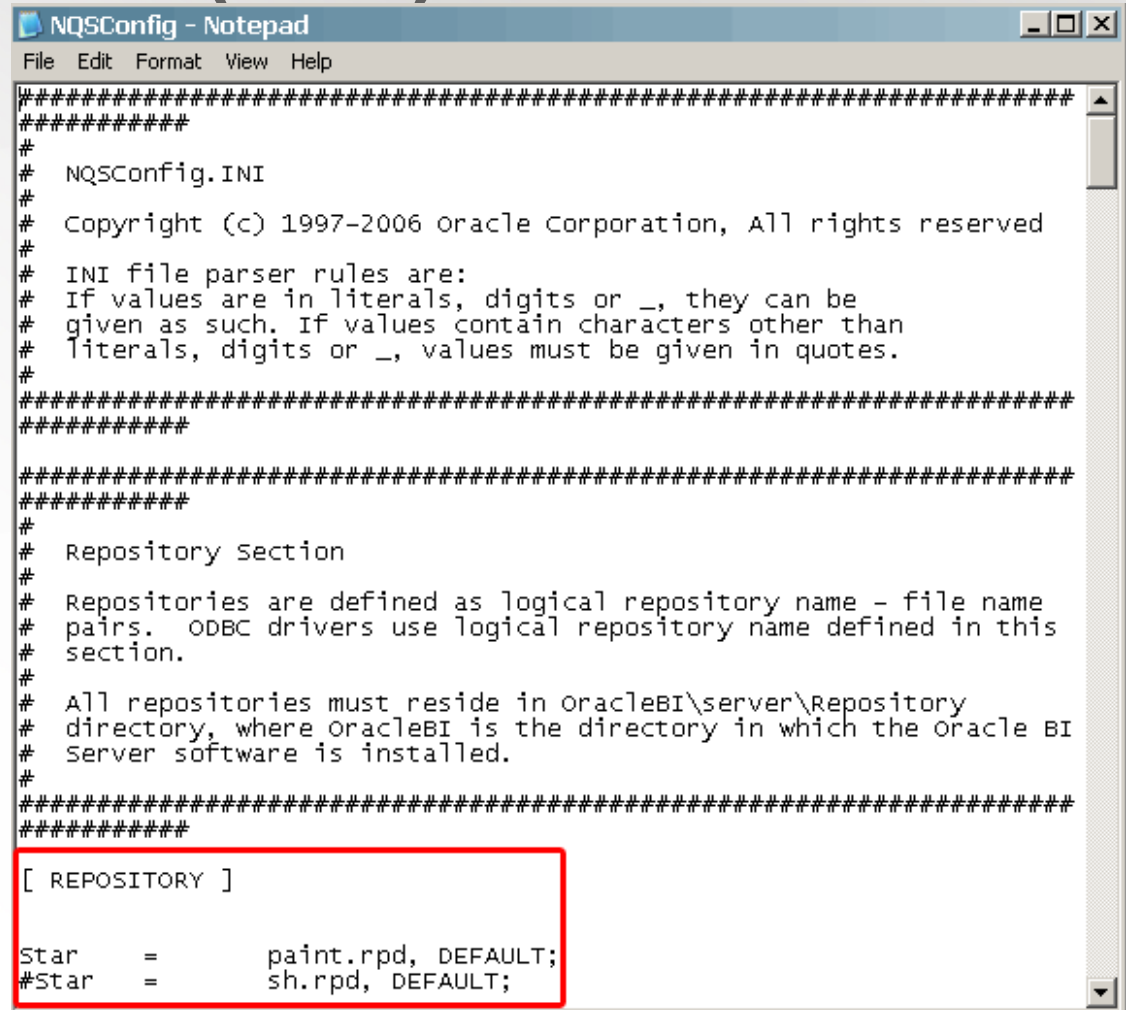
Message Type	Object Type	Object	Error Description
Warning	User	Administrator	[39032] The user 'Administrator' belongs to the 'Administrators' Group and has an empty password.

At the bottom of the window, there are buttons for "Check All Objects", "Copy", "Close", and "Help". The "Close" button is highlighted with a red rectangle. A status bar at the very bottom reads: "A Global Consistency Check was performed. 0 Error(s) (0 shown), 1 Warning(s) (1 shown), and 0 Best Practice violations(s) (0 shown) found."

BI Administrator and the new RPD file (cont)

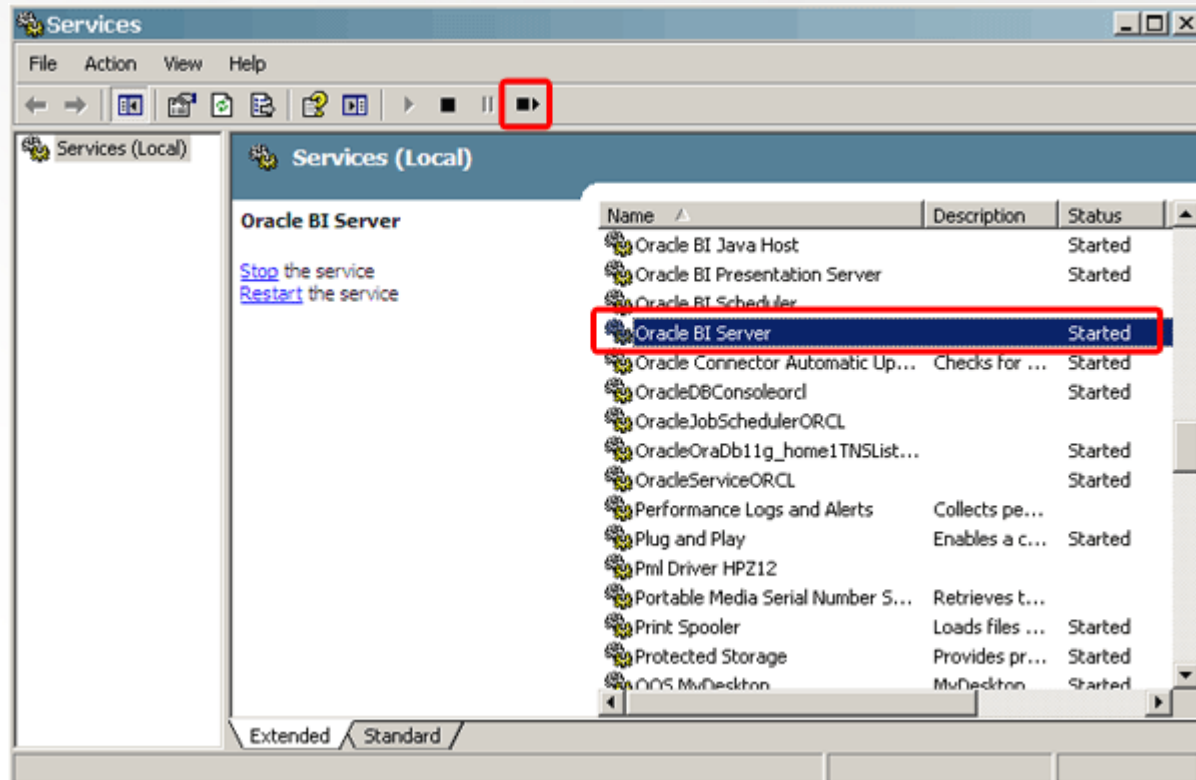


BI Administrator and the new RPD file (cont)

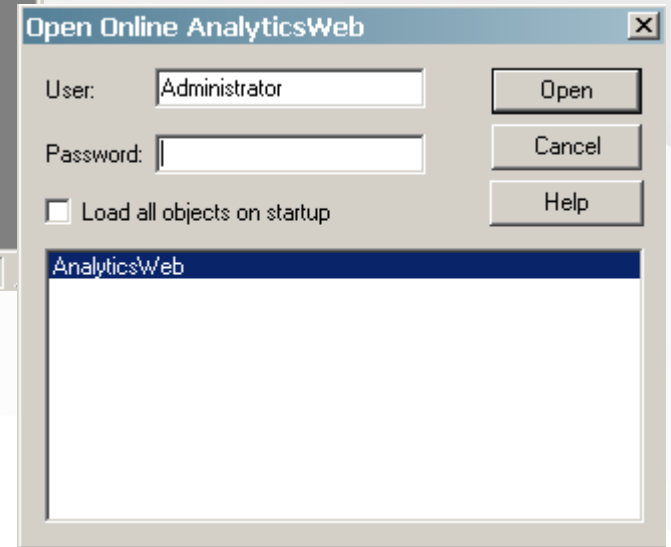
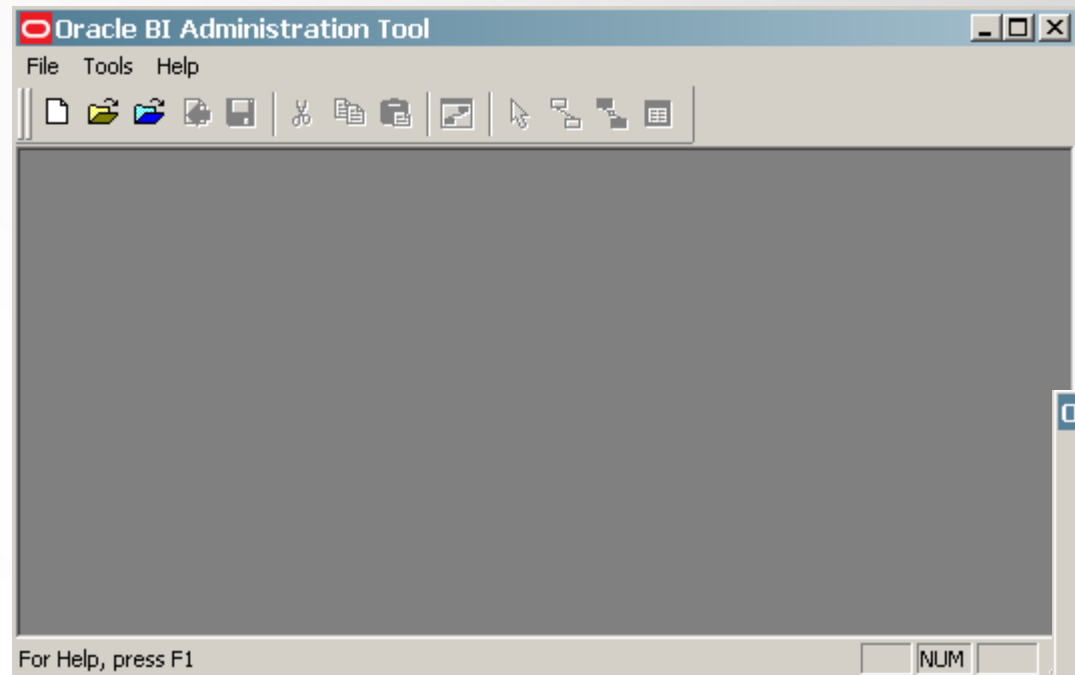


```
#####  
#####  
#  
# NQSCONFIG.INI  
#  
# Copyright (c) 1997-2006 Oracle Corporation, All rights reserved  
#  
# INI file parser rules are:  
# If values are in literals, digits or _, they can be  
# given as such. If values contain characters other than  
# literals, digits or _, values must be given in quotes.  
#  
#####  
#####  
#####  
#####  
#  
# Repository section  
#  
# Repositories are defined as logical repository name - file name  
# pairs. ODBC drivers use logical repository name defined in this  
# section.  
#  
# All repositories must reside in OracleBI\server\Repository  
# directory, where OracleBI is the directory in which the Oracle BI  
# Server software is installed.  
#  
#####  
#####  
[ REPOSITORY ]  
  
Star = paint.rpd, DEFAULT;  
#Star = sh.rpd, DEFAULT;
```

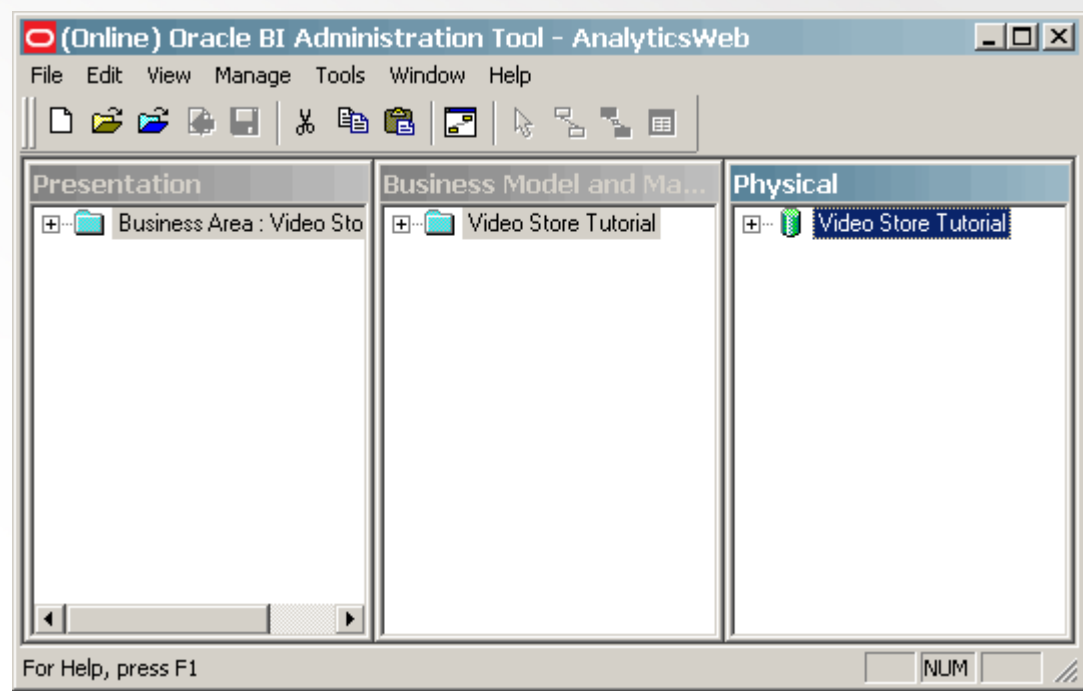
BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)

ORACLE[®]
BUSINESS INTELLIGENCE

Oracle Business Intelligence

Please enter your User ID and Password below, and then press the Log In button.

User ID

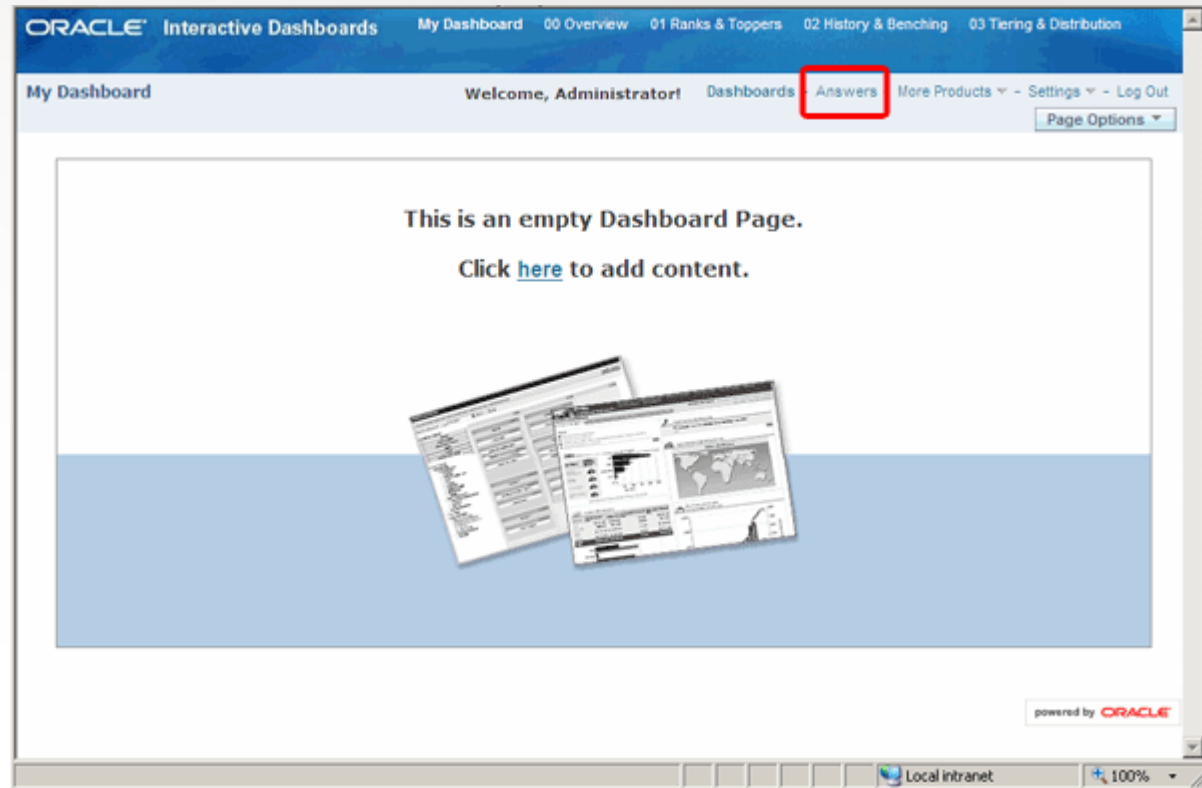
Password

Select a Language

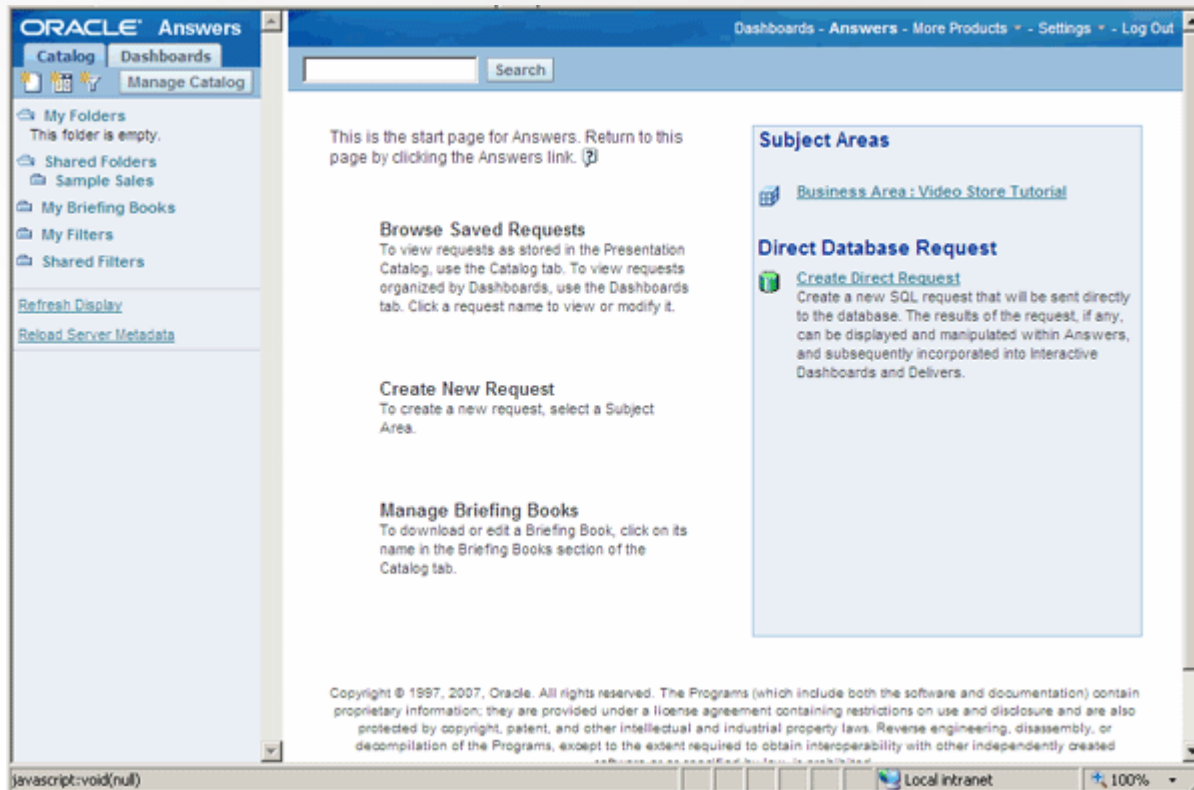
Oracle Business Intelligence 10.1.3.4

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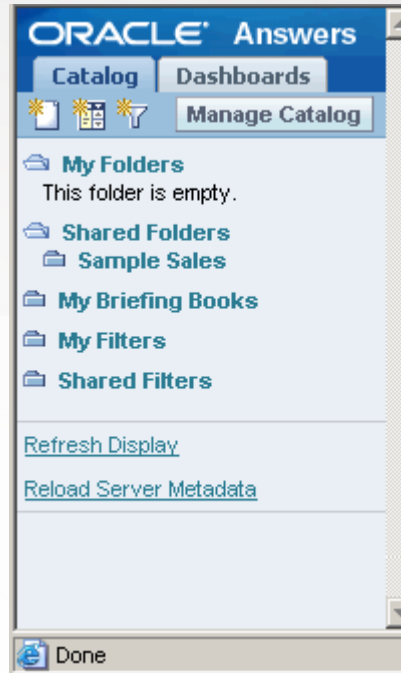
BI Administrator and the new RPD file (cont)



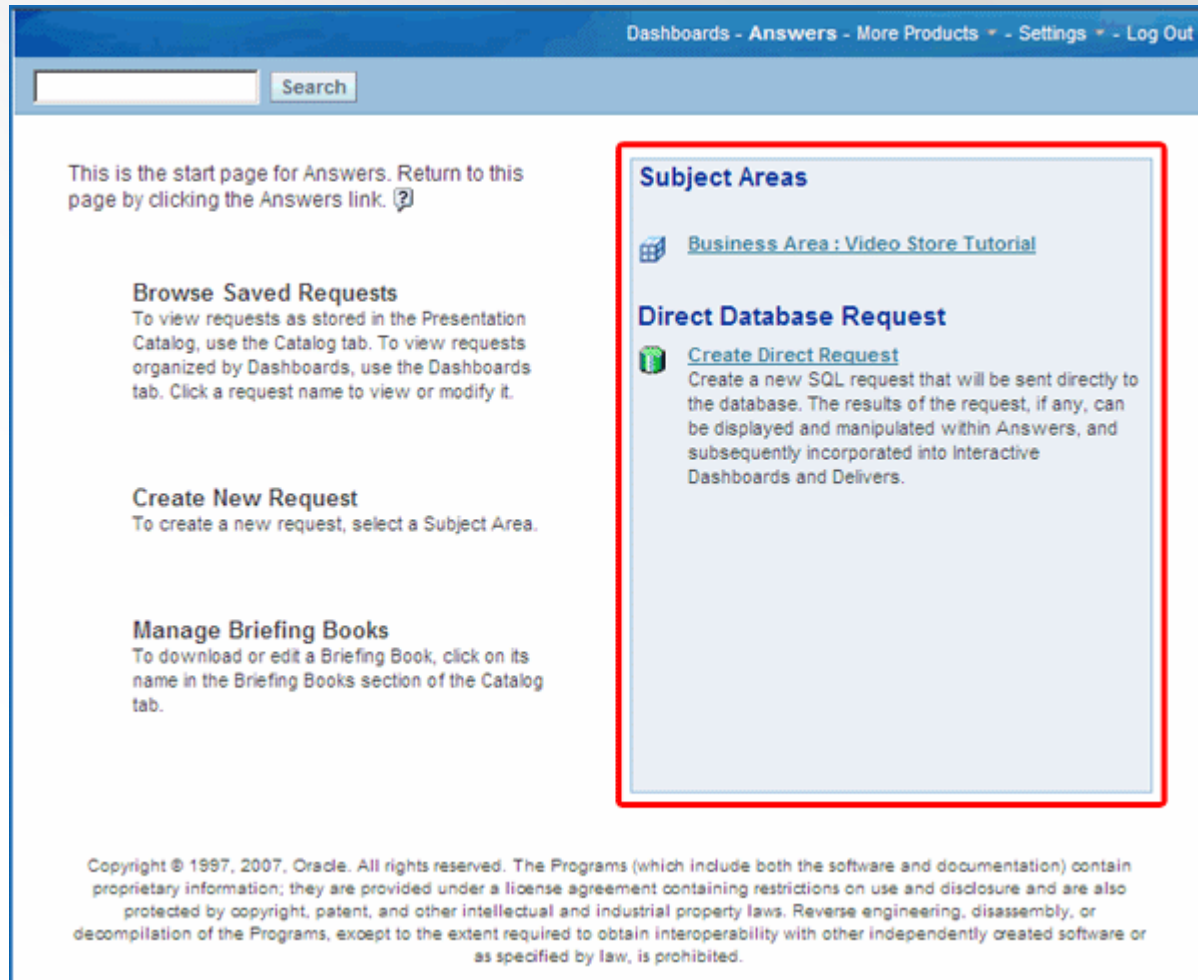
BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



The screenshot shows the BI Administrator web interface. At the top, there is a navigation bar with links for "Dashboards", "Answers", "More Products", "Settings", and "Log Out". Below the navigation bar is a search box with a "Search" button. The main content area is divided into several sections. On the left, there is a message: "This is the start page for Answers. Return to this page by clicking the Answers link. ?". Below this message are three sections: "Browse Saved Requests", "Create New Request", and "Manage Briefing Books". On the right, there is a "Subject Areas" section with a link to "Business Area : Video Store Tutorial". Below that is a "Direct Database Request" section with a link to "Create Direct Request". A red box highlights the "Subject Areas" and "Direct Database Request" sections. At the bottom of the page, there is a copyright notice: "Copyright © 1997, 2007, Oracle. All rights reserved. The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited."

Dashboards - Answers - More Products - Settings - Log Out

Search

This is the start page for Answers. Return to this page by clicking the Answers link. ?

Browse Saved Requests
To view requests as stored in the Presentation Catalog, use the Catalog tab. To view requests organized by Dashboards, use the Dashboards tab. Click a request name to view or modify it.

Create New Request
To create a new request, select a Subject Area.

Manage Briefing Books
To download or edit a Briefing Book, click on its name in the Briefing Books section of the Catalog tab.

Subject Areas

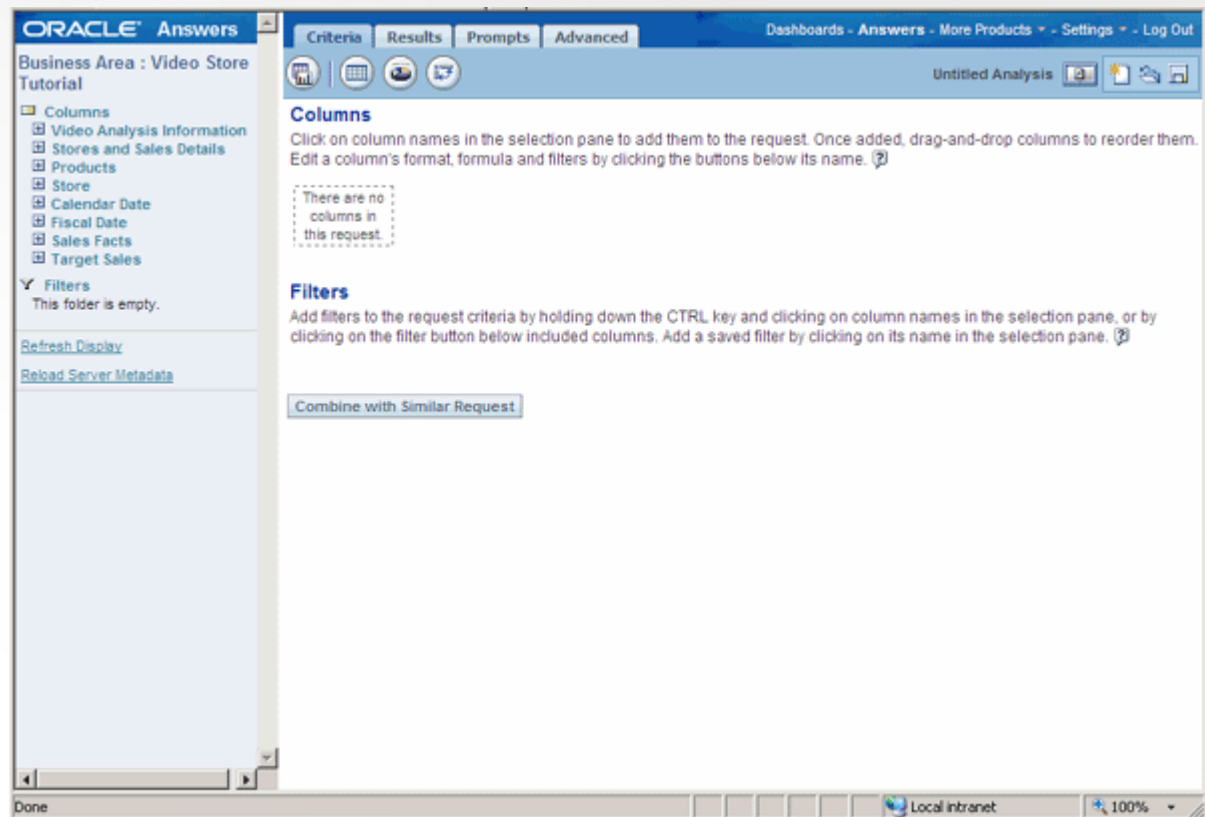
[Business Area : Video Store Tutorial](#)

Direct Database Request

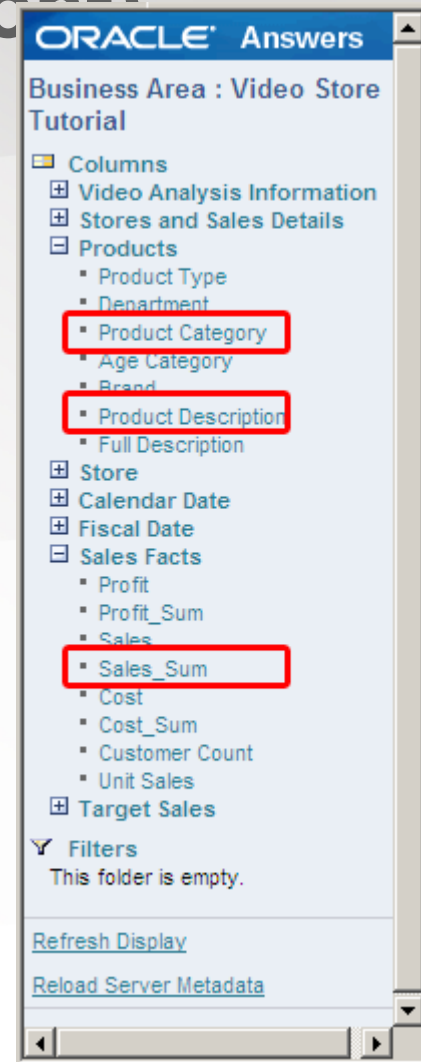
[Create Direct Request](#)
Create a new SQL request that will be sent directly to the database. The results of the request, if any, can be displayed and manipulated within Answers, and subsequently incorporated into Interactive Dashboards and Delivers.

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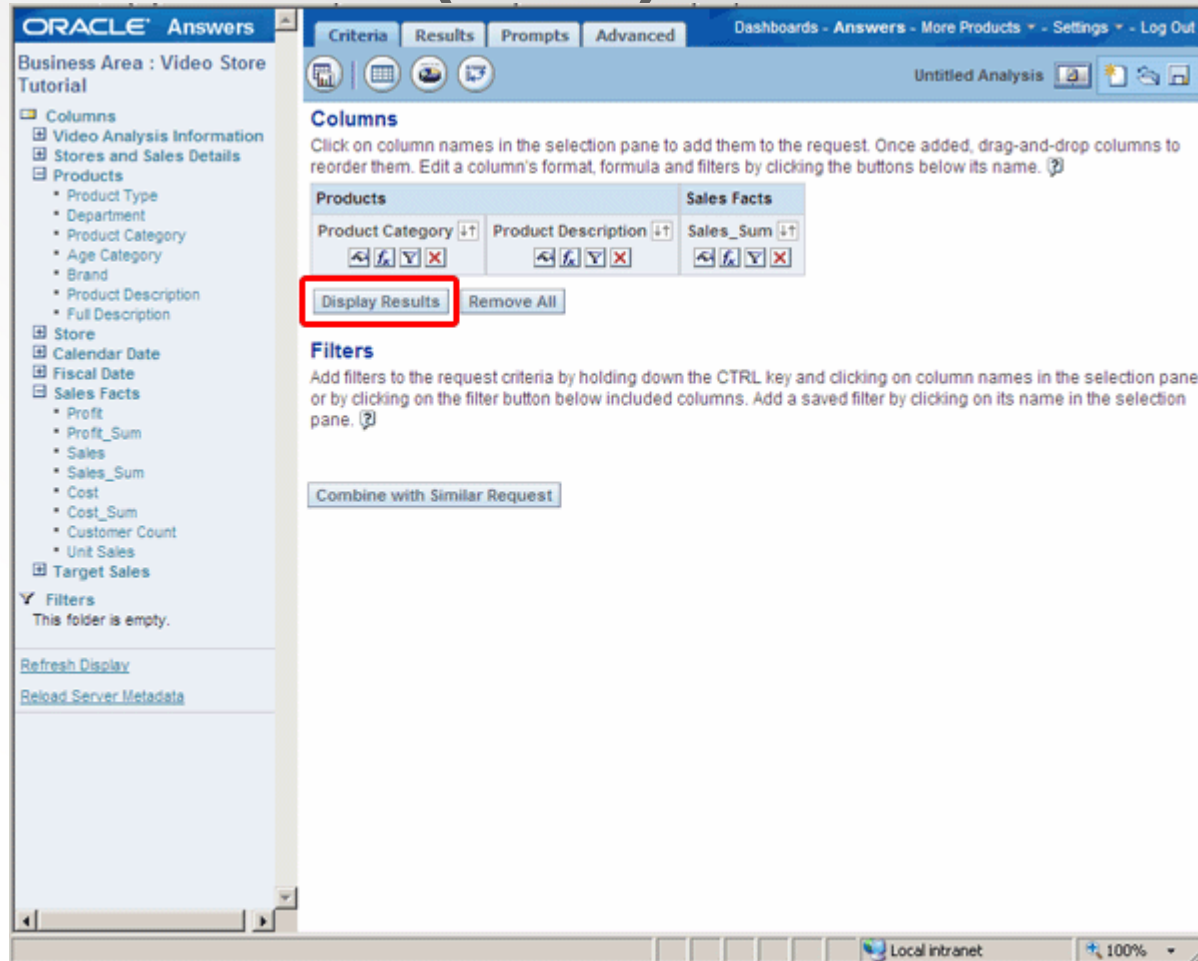
BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)



BI Administrator and the new RPD file (cont)

The screenshot displays the Oracle BI Answers interface. The top navigation bar includes 'Criteria', 'Results', 'Prompts', and 'Advanced'. The main content area shows a table titled 'Table' with columns 'Product Category', 'Product Description', and 'Sales_Sum'. The table lists various movie titles and their corresponding sales figures. The left sidebar contains a tree view for 'Business Area : Video Store Tutorial' with categories like 'Columns', 'Store', 'Calendar Date', 'Fiscal Date', 'Sales Facts', and 'Filters'. The bottom status bar shows 'Records 1 - 25' and a 'Download - Copy' link.

Product Category	Product Description	Sales_Sum
Action	Apollo 13	84,131
	Clear and Present Danger	80,990
	Die Hard with a Vengeance	158,231
	From Dusk Till Dawn	12,651
	Golden Eye	5,420
	Hard Target	4,780
	In the Line of Fire	5,488
	Lethal Weapon 3	5,441
	Patriot Games	4,050
	Pulp Fiction	4,728
Alcohol	Beer	892
Candy	Chocolate Bar	2,350
	Licorice	798
Childrens	Aladdin	4,543
	Beethoven	4,685
	Free Willy	11,447
	Muppet Treasure Island	11,290
	The Lion King	145,327
	The Mighty Ducks	13,020
	The Secret Garden	5,432
Comedy	Toy Story	10,252
	City Slickers II	12,076
	Clueless	15,897
	Dumb and Dumber	5,906

Ready to make the move?

- ▶ Your new Lexus is now ready to go.
- ▶ Use OBIEE utility to grab the Discoverer data
- ▶ Make sure you can connect using the new repository
- ▶ Sit back and enjoy the sleek, fast new ride



Questions?



Thank You

- ▶ Please complete your evaluation form
- ▶ Your presenter has been
 - ▶ Doug Hahn
 - ▶ IT Convergence, Inc.
 - ▶ 800-675-0032 ext. 2936
 - ▶ dhahn@itconvergence.com

