

Trade In your Discoverer F-150 On a OBIEE Lexus

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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



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

Source: Oracle

Where does Discoverer fit in?



Source: Oracle



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

🔓 Oracle81 Discoverer Administrator		-DX
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🐕 Load Wizard: Step 1	
What do you want to do? Create a new business area Open an existing business area	
< Back Next > Finish Cancel	Help



殆 Export Wizard: Step	
	This wizard exports End User Layer objects to a file. Export the entire End User Layer (EUL) if you want to copy its objects into a new EUL, or to create a backup. Export selected business areas or selected EUL objects if you want to update an existing EUL.
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🐕 Export Wizard: Step	2		
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	Save export commands to a text file (*.txt)		
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😪 Export Wizard: Step	2			<u> </u>
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🔒 Export Wizard: Step	2	<u> </u>
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	The following objects will be exported:	
De castéria	Business Area Definitions Video Store Tutorial	<u> </u>
HANGE LANGES HANGEN	Folders Alternate Sort Days Alternate Sort Store Size Calendar Date Fiscal Date Monthly Sales Analysis Products Sales Facts	
	Generate XML for exported workbooks Save export commands to a text file (*.txt)	
< Back Next >	Finish Cancel	Help







Oracle Discoverer Metadata Conversion Assistant

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i i orrice	S libmsgs.dl	84 KB	Application Extension	7/4/2008 12:24
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	MigrateEUL	1,240 KB	Application	7/4/2008 12:24
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Oracle Discoverer Metadata Conversion Assistant (cont)

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**	***************************************	-
# #	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 seperated JOIN_IDs available for every join created in Discover These Joins will not be migrated	er
*****	Config Property : CreateSeperateRPDs True = Each Business Area in the EUL export file will be migrated to a seperate reposi False = All the Business Areas in the EUL export file will be migrated to a single repository	tory
****	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 seperated TABLE_ID values generated in the log file listing the folders having joins that are skipped for eliminating the Circular and Multiple Join p IF ConsiderMultiplePaths property is TRUE and there are no values specified for IncludePathsForFolders then all the Skipped Joins will be migrated	aths
* * * *	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	
##	***************************************	##
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Oracle Discoverer Metadata Conversion Assistant (cont)





Oracle Discoverer Metadata Conversion Assistant (cont)

C:\WINDOWS\system32\cmd.exe	<u>- 0 ×</u>
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>	_



Open Offline video.rpd	×
User: Administrator	OK
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Oracle BI Administration Tool - vi	deo	_	
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Presentation	Business Model and Mapping	Physical	
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GracleBI Discoverer	Administrator - Tools Window H	[End User Layer SH] eln]	
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Data Hierarchies Item of Video Store Tutorial Video Analysis In Stores and Sales Monthly Sales Ar Products Product S Product Cat Product Cat	Slasses Summaries formation Details alysis Folder Propertie General Depende Attribute Name Description Visible to user Database Owner Object Optimizer hints Identifier The name that users and spaces to give a OK	s ents Products Information about product Yes <default database=""> VIDEO5 PRODUCT DC_PRODUCT s will see to identify this obj a meaningful name. ve changes after each edit Cancel</default>	ts ect. Use mixed cas	× e text
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Presentation		
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Products		
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	General Connection Scripts [XML [Write Back]
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0YD	Require fully qualified table names
exp	Data source name: DSN_NAME_HERE
	Shared logon
	User name: DB_USERNAME_HERE Password: *********
	Enable connection pooling
	Timeout: 5 (minutes)
	Use multithreaded connections
	Execute queries asynchronously
	Parameters supported
	Isolation level: Default
	Description:
	OK Cancel Help



Connection Pool - ConnectionPool 📃 🗔 🗙
General Connection Scripts XML Write Back
Name: ConnectionPool Permissions
Call interface: OCI 10g/11g
Maximum connections: 10
Require fully qualified table names
Data source name: ORCL
Shared logon
User name: video5 Password: ******
Enable connection pooling
Timeout: 5 (minutes)
Use multithreaded connections
Execute queries asynchronously
Parameters supported
Isolation level: Default
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OK Cancel Help







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	over 12	MKF Studios	Video Rental	Patriot Games	demo\HWOnline.htm
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	over 12	Wolf	Video Rental	Wayne's World	demo\/HWOnline.htm
	over 18	MKF Studios	Video Rental	Pet Sematary II	demo\HWOnline.htm
	over 12	Big Studios	Video Rental	Forever Young	demo\HWOnline.htm



Messages: Message Type	Object Type	Object	Error Description
Message Type	Object Type	Object	Error Description
	1 Look	Administration	[20022] The user 'Administrator' belongs to the
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File	Edit Format View Help	
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F F	NQSConfig.INI	
F F	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.	
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*## *##	\#####################################	##
#-	Repository Section	
┍	Repositories are defined as logical repository name – file name pairs. ODBC drivers use logical repository name defined in this section.	5
╞ ╞ ╞	All repositories must reside in OracleBI\server\Repository directory, where OracleBI is the directory in which the Oracle B Server software is installed.	зI
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Services				
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🆏 Services (Local)	🐁 Services (Local)			
	Oracle BI Server	Name 🛆	Description	Status
		🆓 Oracle BI Java Host		Started
	Stop the service	🆓 Oracle BI Presentation Server		Started
	Restart the service	Cracle BI Scheduler		
		Cracle BI Server		Started
		Search Connector Automatic Up	Checks for	Started
		CracleDBConsoleorcl		Started
		🗞 OracleJobSchedulerORCL		
		OracleOraDb11g_home1TNSList		Started
		CracleServiceORCL		Started
		Performance Logs and Alerts	Collects pe	
		Plug and Play	Enables a c	Started
		Pml Driver HPZ12		
		Portable Media Serial Number S	Retrieves t	
		Print Spooler	Loads files	Started
		Protected Storage	Provides pr	Started
		COS McDeskton	MyDeskton	Started
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For Help, press F1 AnalyticsWeb	For Help, press F1	4 AnalyticsWeb



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Oracle Business Intelligence	3-
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Select a Language English	
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This is the start page for Answers. Return to this page by clicking the Answers link. 🖗	Subject Areas Business Area : Video Store Tutorial
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.	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
Create New Request To create a new request, select a Subject Area.	Dashboards and Delivers.
Manage Briefing Books To download or edit a Briefing Book, click on its name in the Briefing Books section of the Catalog tab.	
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as specified by law, is prohibited









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Department Product Category Age Category Brand	Product Category it Product Description it	Sales Facts Sales_Sum It A f Y X
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Business Area : Video Store Tutorial	Compound	Layout 🔻 🗐 🦻		Untitled Analysis 🔯 🍢 🕤 🕽
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Department	Table		a costar	
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Age Category Brand	Product Category	Product Description	Sales_Sum	
Product Description		Apollo 13	64,131	
Full Description		Clear and Present Danger	60,990	
1 Store		Die Hard with a Vengeance	156,231	
Calendar Date Eiseal Date		From Dusk Till Dawn	12,651	
Sales Facts		Golden Eye	5,425	
Profit	Action	Hard Target	4,780	
Profit_Sum		In the Line of Fire	5,489	
Sales		Lethal Weapon 3	6,441	
Sales_Sum		Patriot Games	4,050	
Cost Sum		Pulp Fiction	4.728	
Customer Count		True Lies	4,991	
Unit Sales	Alcohol	Beer	992	
Target Sales	Candy	Chocolate Bar	2,350	
Filters		Licorice	798	
This folder is empty.	Childrens	Aladdin	4,543	
		Beethoven	4,685	
lefresh Display		Free Willy	11,447	
Reload Server Metadata		Muppet Treasure Island	11,290	
		The Lion King	145,327	
		The Mighty Ducks	13,026	
		The Secret Garden	5,432	
		Toy Story	10.252	
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		🕨 🕨 Reco	rds 1 - 25	
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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
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dhahn@itconvergence.com

