OBIEE Metadata Repository Deployment Guide Oracle FLEXCUBE Universal Banking Release 14.0.0.00 [February] [2018]





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1. OBIEE Metadata Repository Deployment Guide

1.1 Introduction

The Oracle Business Intelligence Server is a stand-alone process that maintains the logical data model which it provides to BI Presentation Services via ODBC. Metadata is maintained for the data model in a local proprietary file called the repository file (rpd). On the back-end, the BI Server connects to customer data stores via data source adaptors.

1.1.1 Layers in RPD

The Physical layer defines the data sources to which Oracle BI Server submits queries and the relationships between physical databases and other data sources that are used to process multiple data source queries. The recommended way to populate the Physical layer is by importing metadata from databases and other data sources. The data sources can be of the same or different varieties. You can import schemas or portions of schemas from existing data sources. Additionally, you can create objects in the Physical layer manually.

When you import metadata, many of the properties of the data sources are configured automatically based on the information gathered during the import process. After import, you can also define other attributes of the physical data sources, such as join relationships, that might not exist in the data source metadata. There can be one or more data sources in the Physical layer, including databases, spreadsheets, and XML documents. In this example, you import and configure tables from the sample SH schema included with the Oracle 10g database.

The Business Model and Mapping layer of the Administration Tool defines the business, or logical, model of the data and specifies the mappings between the business model and the Physical layer schemas. This is where the physical schemas are simplified to form the basis for the users' view of the data. The Business Model and Mapping layer of the Administration Tool can contain one or more business model objects. A business model object contains the business model definitions and the mappings from logical to physical tables for the business model.

The main purpose of the business model is to capture how users think about their business using their own vocabulary. The business model simplifies the physical schema and maps the users' business vocabulary to physical sources. Most of the vocabulary translates into logical columns in the business model. Collections of logical columns form logical tables. Each logical column (and hence each logical table) can have one or more physical objects as sources.

There are two main categories of logical tables: fact and dimension. Logical fact tables contain the measures by which an organization gauges its business operations and performance. Logical dimension tables contain the data used to qualify the facts.

The Presentation layer is built after the Physical layer and Business Model and Mapping layer and adds a level of abstraction over the Business Model and Mapping layer. It is the view of the data seen by end users in client tools and applications, such as Oracle BI Answers. The Presentation layer provides a means to further simplify or customize the Business Model and Mapping layer for end users. For example, you can organize columns into catalogs and folders.

Simplifying the view of the data for users makes it easier to craft queries based on users' business needs because you can expose only the data that is meaningful to the users, organize the data in a way that aligns with the way users think about the data, and rename data as necessary for the set of users.



You typically create Presentation layer objects by dragging objects from the Business Model and Mapping layer. Corresponding objects are automatically created in the Presentation layer. Presentation layer objects can then be renamed and reorganized.

1.1.2 FCUBS OBIEE RPD

In FCUBS OBIEE we have module specific RPDs. They are named in the format ModuleName.RPD (for example FT.RPD, SI.RPD etc.). In this document we will see how merge all module specific RPDs to FCUBS Metadata RPD. We will also see how to deploy sample dashboards generated using these RPDs.

1.2 **Prerequisites**

1.2.1 Hardware / Software Required

Server	Oracle 10G AS 10.1.3.3, OBI 10.1.3.3.1, Oracle 10g client, OBIEE 11.1.1.6.0
Client Workstations	Internet Explorer 6.0, Win2K/Windows XP

1.3 Deployment in OBIEE 10g

There are two major steps in deploying an OBIEE Dashboard, first we need to create the data object metadata (.rpd file) in the OBIEE Administration tool. Then, using the OBIEE Web, we create the Answers based on the .rpd file and assemble them in a Dashboard.

If the OBIEE server is present in Linux machine then merging of module specific repositories should be done using OBIEE Administration Tool installed on Windows machine and the merged repository should be copied from Windows to Linux machine in binary mode.

1.3.1 <u>RPD Deployment Steps:</u>

- Open the following shipment media directory for RPD files. For the modules where modularity has been done, the RPDs will be under <<ShipmentMedia>>\SOFT\FLEXCUBE_Kernel\<Release_Folder>\MAIN\<<Module Code>>\OBIEE For example, <<ShipmentMedia>>\SOFT\FLEXCUBE_Kernel\<Release_Folder>\MAIN\BC\OBIEE
 For the modules where modularity has not been done, the RPDs will be under <<ShipmentMedia>>\SOFT\FLEXCUBE_Kernel\<Release_Folder>\MAIN\Other_Modules\OB IEE
- 2. Copy and paste the released .rpd files into local installation directory (D:\OBIEE\RPD). If the released .rpd files already there in the local installation directory overwrite them with the newly released files.
- 3. Open the FCUBS_Full_Schema.RPD using OBIEE Administration Tool, which will have following tree structure in it.



Oracle BI Administration Tool - FCUBS_Full_Schema.rpd				
File Edit View Manage Tools Window Help				
	Business Model and Mapping	Physical		
		E- 0 FlexCube -■\$ Connection Pool ⊕-		

4. Open each remaining module specific RPDs (Ex. FT.rpd, PC.rpd, FX.rpd Etc.), one at a time using Administration Tool and do the following. (Username/Password : Administrator/Administrator)

Copy the aliases in the Synonyms folder and paste it to Synonyms folder of FCUBS_Full_Schema.RPD

🗉 🔰 KERNE	LDEV			
🕂 🕀 💼 庄				
📄 📥 Syr	nonyms			
÷	CSTBS_ACCROLE			
÷	CSTBS_AMOUNT_TAG			
÷ ==	CSTBS_EVENT			
÷	CSTMS_PRODUCT			
+	CSTMS_PRODUCT_ACCROLE			
÷	CSTMS_PRODUCT_EVENT			
÷	CSTMS_PRODUCT_EVENT_ACCT_ENTRY			
÷	CSTMS_PRODUCT_EVENT_ADVICE			
主 🎦	CSTMS_PRODUCT_GROUP			
÷	CYTMS_CCY_DEFN			
÷	CYTMS_RATE_TYPE			
÷	GLTMS_GLMASTER			
÷	MITMS_COST_CODE			
÷	MITMS_DEFAULT_CODES			
÷	MITMS_MIS_HEAD			
÷	MITMS_POOL_CODE			
÷	MITMS_PRODUCT_DEFAULT			
÷	MSTMS_MSG_TYPE			
÷	PC_CSTBS_ACCROLE			
÷	PC_CSTBS_AMOUNT_TAG			
÷	PC_CSTBS_EVENT			
÷ 🔣	PC_CSTMS_PRODUCT			
÷… 💽	PC_CSTMS_PRODUCT_ACCROLE			
÷… 💽	PC_CSTMS_PRODUCT_EVENT			
÷	PC_CSTMS_PRODUCT_EVENT_ACCT_ENT.			
÷	PC_CSTMS_PRODUCT_EVENT_ADVICE			
÷… 💽	PC_CSTMS_PRODUCT_GROUP			
÷… 💽	PC_CYTMS_CCY_DEFN			
÷… 💽	PC_CYTMS_RATE_TYPE_			
÷… 💽	PC_GLTMS_GLMASTER			
÷… 💽	PC_MITMS_COST_CODE			
÷… 💽	PC_MITMS_DEFAULT_CODES			
- in 🔤	DO MITMO MIC LICAD			

5. Copy and paste the module specific physical folder to the destination repository under database in the physical layer.



I KERNELDEV
Sconnection Pool
🗄 📲 PC
🕀 🌉 PC_PCTMS_DEBTOR_CATEGORY_DEFN
PC_CSTMS_PRODUCT (row count was not update
🕀 🔣 PC_STTMS_CUSTOMER
🖶 🌃 PC STIMS CUST ACCOUNT

6. Copy and paste the module specific business model to the business model and mapping layer of Full schema repository.

Business Model and Mapping				
••••••••••••••••••••••••••••••••••••••	Pc 12, Contract Master Dimdim 12, Dim Bank Param, Type Values, Country(periodic Inst). 12, Dim For Cstms Product Event Acct Entrydim 13, Da Oliver Classifier			
Busine	ess Model and Mapping			
	CL			
÷	FT			

7. Copy and paste the module specific presentation catalog(s) to the presentation layer of Full schema repository.



- 8. Close the repository and continue with other module repositories.
- 9. Save the Full Schema repository.

🗄 💼 PC

- 10. Import Initialization Blocks and Variables
- 11. From Full Schema RPD do the following
- 12. Enable the 'Import from Repository' by checking the option in Tools->Options as follows.



Options 🛛 🔀
General Sort Objects Cache Manager Multiuser More Image: Tile when resizing Display qualified names in diagrams Display original name for alias in diagrams Image: Display original name for alias in diagrams Show Calculation Wizard introduction page Check out objects automatically Image: Show row count in physical view Show row count in physical view Show statusbar Image: Show statusbar Prompt when moving logical columns Remove unused physical tables after Merge Image: Allow import from repository Allow import from repository Image: Show repository
OK Cancel Help

Click 'OK' and the following screen is displayed:

Oracle BI Administration Tool - Metadata1					
File Edit View Mana	age Tools Window	Help			
New Open Multiuser Close Save Save As Copy As	Ctrl+N Ctrl+S	Busine Busine			
Import	۲.	from Database			
Compare		through Server			
Turn off Compare Mo	de	from Repository			
Merge		from XMLA			
Check Global Consiste	ency Ctrl+K				

13. Ignore the following alert and click 'Yes'.

precated feature warning!				
The feature "Import from repository" has been deprecated and will not be supported any more. Please consider using project extract and merge instead. Are you sure you want to continue?				
Yes No				

14. Select the module specific source repository from the select repository to update from window as follows:



Repository Import Wizard - Select Repository to Update from				
Select repository to update from:				
	Repository	Mode	Туре	
	🛞 AnalyticsWeb	Online	DSN	
	🛞 UBS_Full_Schema	Offline	Oracle BI Administration	
	🚱 KERNELDEV.rpd	Offline	Repository	
	😥 Metadata1.rpd	Offline	Repository	
	😥 paint.rpd	Offline	Repository	
	🚱 PC.rpd	Offline	Repository	
	🛞 UBS_Full_Schema.rpd	Offline	Repository	
	🚱 UsageTracking.rpd	Offline	Repository	

Note: Select Repository to update from will show the list of repositories available in OracleBI\server\Repository only. So temporarily keep module specific repositories in this location and remove once this step is done.

15. Click 'Next', will show you the objects needs to be imported. Just select 'Initialization Block' from the drop down and click on 'Add with Children'.

Repository Import Wizard - Objects to Upda	ite	
Initialization Blocks		<u>R</u> efresh
T Current_Date	Add	🗊 Current_Date (with children
	Add with <u>C</u> hildren	
	Add with <u>Parents</u>	
ORACLE		
	<u>R</u> emove	<
		Conset 1
<u> </u>		Uancel

16. Click'Next' and Finish.



Repository Import Wizard	- Finish	
	Following objects will be updated or created:	~
	Variable "Current_Date"."CurrentDate" Initialization Block "Current_Date"	
ORACLE		
	<	>
	< <u>B</u> ack Finish Cancel	

17. If labels need to be NLS enabled, externalize the each presentation catalog as follows.



Presentat	ion		
	New Presentation Table		-
	Display Related		
	Check Out		
.	Cut	Ctrl+X	
	Сору	Ctrl+C	
	Paste	Clrl+V	
÷	Delete	Del	
.	Mark	I	
I	Set Icon	I	
÷	Duplicate	I	
÷	Duplicate with Business Model		
+	Expand All		
	Check Consistency		
	Business Model Diagram		
	Physical Diagram		
.	Rename	I	
÷	Properties	I	
i i≣ .	Externalize Display Names	I	
	Externalize Descriptions	I	
÷.	Contract Parties Details		
+	Contract Payment Acceptance Ex	ception	
÷	Contract Payment Acceptance Fa	lte	
+	Contract Payment Exception		
÷	Contract Payment Fate		
.	Contract Shipment Information		
+	Contract Status Log		
+	Contract Udf		
	Drafts Details		
	Due Amount		
	FA Linkage Details ICCE Calculation		
	ICCE Calculation Temp		
	ICCE Details		
+	ICCE Details Temp		-
and the local			

- 18. Save the Full Schema repository.
- 19. Remove Unused Physical Objects as follows:





Utilities	X
Replace Column or Table in Logical Table Sources Oracle BI Event Tables Externalize Strings Rename Wizard Update Physical Layer Repository Documentation Generate Metadata Dictionary Remove Unused Physical Objects Aggregate Persistence Wizard	Execute Cancel Help

Remove Unused Physical Objects	×
These objects are not used. Do you want to delete them?	
Type: Physical Table	•
F Show Qualified Name	
A 01-02 ACVWS_ALL_AC_ENTRIES 2 (Balance Upd = U) OB-01 ACTM_IB_SETUP OR 12-01 CSTBS_CONTRACT OR 15-01 STTBS_ACCOUNT OR 99 === ORIGINAL OBJECTS SOURCE === ORIGINAL OBJECTS SOURCE ===	
ACCESS_GRID_ENTITY_DETAILS	~
Selected 9964 of 9964 objects (9964 displayed)	
Yes <u>N</u> o <u>H</u> elp	

20. Click 'Yes'

21. Stop the Oracle BI Server & Oracle BI Presentation server services from services window.

🎇 Oracle BI Java Host		Start	ed Autom	atic Local Sys	stem
🎇 Oracle BI Presentation Server		Start	ed Autom	atic Local Sys	stem
🎇 Oracle BI Scheduler			Manua	l Local Sys	stem
🗞 Oracle BI Server	Chave	Start	ed Autom	atic Local Sys	stem
🎇 OracleClientCache80	Stop		Manua	l Local Sys	stem
CracleDBConsoleorcl	Bauco	Start	ed Autom	atic Local Sys	stem
CracleJobSchedulerORCL	Pause		Disable	ed Local Sys	stem
🙀 Oracleoracle10gDBiSQL*Plus	Resume	Start	ed Autom	atic Local Sys	stem
Cracleoracle10gDBTNSListener	Restart	Start	ed Autom	atic Local Sys	stem
🙀 Oracleoracle10gDBTNSListenerS_NQ	All Tasks		Autom	atic Local Sys	stem
CracleServiceORCL	D - fue als	Start	ed Autom	atic Local Sys	stem
Rerformance Logs and Alerts	Refresh	_	Manua	l Network	s
🍓 Plug and Play	Properties	Start	ed Autom	atic Local Sys	stem
🍓 Portable Media Serial Number Servic		-1	Manua	l Local Sys	stem
🎇 Print Spooler	Неір	Start	ed Autom	atic Local Sys	stem
adas					

22. If server is present in Linux then go to <InstallDrive>/OracleBI/setup folder and execute the following command to stop BI Server and BI Presentation Server.

./run-sa.sh stop

./run-saw.sh stop

23. Rename the repository to FlexCube.rpd and put in following location:

OracleBI\server\Repository

If Server is present in Linux machine then copy FlexCube.rpd in binary mode to:

<OracleBI InstallDir>\server\Repository



24. Open OracleBI\server\config\NQSConfig.INI and change the property as below:

Star = FlexCube.rpd, DEFAULT;

Under CACHE set ENABLE = NO

🖡 NQSConfig. INI - Notepad
File Edit Format View Help
######################################
#
 # 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 OracleBIserver\Repository # directory, where OracleBI is the directory in which the Oracle BI # Server software is installed. #
[REPOSITORY]
Star = FlexCube.rpd, DEFAULT;
######################################
[CACHE]
ENABLE = NO; // A comma separated list of <directory maxsize=""> pair(s) // e.g. DATA_STORAGE_PATHS = "d:\OracleBIData\nQSCache" 500 MB;</directory>

1.3.2 Web Catalog Deployment Steps

In OracleBIData\web\catalog create a folder called 'FlexCube'. Change catalog path in OracleBIData\web\config\instanceconfig.xml to point to FlexCube as follows.

xml version="1.0" encoding="utf-8"?
<webconfig></webconfig>
<serverinstance></serverinstance>
<dsn>AnalyticsWeb</dsn>
<catalogpath>D:/OracleBIData/web/catalog/FlexCube</catalogpath>
<javahome>C:\Program Files\Java\jdk1.5.0_06</javahome>
<biforofficeurl>client/OracleBIOffice.exe</biforofficeurl>

1. Restart the presentation services.



🎇 Oracle BI Cluster Controller			Manual	Local S
🖏 Oracle BI Java Host		Started	Automatic	Local S
🍓 Oracle BI Presentation Server		Started	Automatic	Local S
🏶 Oracle BI Scheduler	Start		Manual	Local S
🆓 Oracle BI Server	Stop	Started	Automatic	Local S
🆓 OracleClientCache80	Pause		Manual	Local S
🎇 OracleDBConsoleorcl	Resume	Started	Automatic	Local S
🏶 OracleJobSchedulerORCL	Restart		Disabled	Local S
🏶 Oracleoracle10gDBiSQL*Plus	úll Tasks 🔹 🕨	Started	Automatic	Local S
🏶 Oracleoracle10gDBTNSListener		Started	Automatic	Local S
Oracleoracle10gDBTNSListenerS_NQ_SCHED	Refresh	I	Automatic	Local S
🏶 Oracleoracleas1ASControl	Broperties	Started	Automatic	Local S
🎇 Oracleoracleas 1 Process Manager	riopercies	Started	Automatic	Local S
	Help	Started	Automatic	Local S

25. If server is present in Linux then go to <InstallDrive>/OracleBI/setup folder and execute the following command to start BI Presentation Server.

./run-saw.sh start

26. You will see directory created in following structure in OracleBIData\web\catalog.

🖃 🧰 FlexCube
🖃 🚞 root
🗉 🚞 shared
🗉 🚞 system
🗉 🚞 users

27. Open the following shipment media directory for Web catalogs.

<<Shipment Media>>\SOFT\FLEXCUBE_Kernel\<Release_Folder>\<<Module Code>>\OBIEE

- 28. Copy and paste the released .zip files into local directory (D:\OBIEE\WebCatalog). Overwrite with released files, if files already exist.
- 29. Extract all the zip files.
- 30. Copy and paste the extracted files (Except .xml files) into OracleBIData\web\catalog\FlexCube\root\shared
- 31. Copy and paste the .xml files into OracleBI\web\msgdb\customMessages.

1.3.3 Web Catalog Permissions Changes

Once all the module specific web catalogs are extracted to the above location, use catalog
manager to change the permissions of all presentation objects. This is required if the user
wants to edit the saved answers and dashboard.



File Edit View Tools Help Cut Copy Paste 1 Search Explore Tree 33 Open Catalog Name Type Owner My Permissi Attributes Date Creat Open Catalog Type: Path D:{OracleEIData;web;catalog;Flex:Cube P Browse User: Administrator Password: Read-Only OK Cancel	Oracle Business Intelligence Catalog Ma	nager						
Cut Copy Paste al Search Explore	File Edit View Tools Help							
Tree 23 Type Owner My Permissi Attributes Date Creat Name Type Owner My Permissi Attributes Date Creat Vype: Path D:\OracleBIData\web\catalog\FlexCube Browse User: Administrator Password: Read-Only OK Cancel	Cut Copy Paste 🔬 Search Explore							
Image: Solution of the second seco	🔁 Tree 🛛 🗖 🗖	🛅 Table 🗙						- 8
Name Type Open Catalog Type: Offine Path D:\OracleBIData\web\catalog\FlexCube Browse User: Administrator Password: Read-Only OK Cancel	[]	J						Go
Open Catalog Type: Offline Path D:\OracleBIData\web\catalog\FlexCube Browse User: Administrator Password: C Read-Only OK Cancel		Name		Туре	Owner	My Permissi	Attributes	Date Creat
		Open Cata Type: Offl Path D:{0 User: Adn Password: Read-Only	ne Contraction of the second s	▼ catalog\FlexCube	Browse Cancel			3

- 32. Open FlexCube catalog in offline mode as shown above and change the permissions as shown below.
- 33. Select each module folder and right click and select Properties Select the owner as 'Administrator' and Check the 'Apply Recursively' enabled as follows:

Oracle Business Intelligence Catalog Mar	ager - D:\OracleBIData\web\	catalog\FlexCube				
File Edit View Tools Help						
Cut Copy Paste a Search Explore						
🖞 Tree 🛛 🗖 🗖	🗐 Table 🗙					- 8
Shared Shared	/shared Jame devices devices <t< th=""><th>Type Folder Eolder Ctrl+x er Ctrl+x er Oblete er er er <tr tr=""> <</tr></th><th>Owner System Acc System Acc System Acc System Acc Administrator Administrator</th><th>My Permissi Full Full</th><th>Attributes System, H System, H System, H</th><th>Go Date Create Thu Jun 12 Thu Jun 1</th></t<>	Type Folder Eolder Ctrl+x er Ctrl+x er Oblete er er er <tr tr=""> <</tr>	Owner System Acc System Acc System Acc System Acc Administrator Administrator	My Permissi Full Full	Attributes System, H System, H System, H	Go Date Create Thu Jun 12 Thu Jun 1
	<					>

34. Select 'Properties' and the following screen is displayed:



O Properties		×
<u>a</u>	PC Edit XML	
Type: Path:	Folder /shared/PC	
Created: Modified: Last Accessed:	Thu Jun 12 12:05:02 IST 2008 Thu Jun 12 14:51:00 IST 2008 Thu Jun 12 18:58:33 IST 2008	
Owner:	Administrator 💽	
Attributes:	🗖 Read-Only 🗖 Hidden 🗖 System	
Properties:	Name Value	
	Edit New Delete	•
Apply Recursively		
	OK Cancel	

35. Again Select the folder, right click and select Permissions

Oracle Business Intelligence Catalog Man File Edit View Tools Help	ager - D:\OracleBIDa	ta\web\catalo	g\FlexCub	e				
Cut Copy Paste 3 Search Explore								
🕄 Tree 🛛 🗖 🗖	Table ×							- 0
Gamma Shared Gamma Control Co	/shared		Туре		Owner	My Permissi	Attributes	Go Date Creati
	🗀 _devices		Folder		System Acc	Full	System, Hi	Thu Jun 12
	🗀 _disconnected		Folder		System Acc	Full	System, Hi	Thu Jun 12
BC	🗀 _ibots	Cut		Ctrl+x	stem Acc	Full	System, Hi	Thu Jun 12
	🗀 _mktgdefaults	Copy		Ctrl+c	stem Acc	Full	System, Hi	Thu Jun 12
	🗀 BC			Curry	ministrator	Full		Thu Jun 12
<u>-</u>	CF CF	Create Shor	tcut		ministrator	Full		Thu Jun 12
DV	a	Delete		Delete	ministrator	Full		Thu Jun 12
FT	🗀 cs	Rename Smort Dopp	ma (fix rafa)		ministrator	Full		Thu Jun 12
🔁 FX	🗀 DV	Siliart Relia	ne (nx reis)		ministrator	Full		Thu Jun 12
GLMIS	🗀 FT	Refresh			ministrator	Full		Thu Jun 12
<u></u> LC	🗀 FX	Create Fold	er		ministrator	Full		Thu Jun 12
🔁 LD	🚞 GLMIS	Create Repo	ort		ministrator	Full		Thu Jun 12
MM	🗀 LC				ministrator	Full		Thu Jun 12
PC	🗀 LD	Preview			ministrator	Full		Thu Jun 12
RE RE	🗀 MM	Properties			ministrator	Full		Thu Jun 12
	DC PC	rioportaos	r older		noministrator	Full		Thu Jun 12
SI	🗀 RE		Folder		Administrator	Full		Thu Jun 12
system	🗀 SE		Folder		Administrator	Full		Thu Jun 12
users	🗀 SI		Folder			Full		Thu Jun 12
	<		IIII					>

36. Change the permissions by selecting the 'Everyone' in left and change the permission to 'Full Control' and Check the 'Apply Recursively' enabled like below:



O Permissions				
🗀 PC				
Users and groups (Explicit permis	sions)		Additional users and groups	
Name	Permission		Name	Туре
Everyone	Full Control	< >	Authenticated Users Presentation Server Administ	Group Group
<	>		<	>
Apply Recursively			l▼ sł	now groups only
			ОК	Cancel

If the server is present in Linux Machine then zip the catalogs which are present in

OracleBIData\web\catalog\FlexCube\root\shared

Except the default folders (ie _devices, _disconnected, _ibots, _mktgdefaults and the corresponding .atr files) from windows and copy it to

OracleBIData\web\catalog\FlexCube\root\shared in Linux machine

37. Once all the above steps done, start the Oracle BI Server, Oracle BI Presentation Server services from Services window.

If server is present in Linux then go to <InstallDrive>/OracleBI/setup folder and execute the following command to start BI Server and BI Presentation Server.

./run-sa.sh start

./run-saw.sh start

38. Start OC4J from Programs->Oracle Business Intelligence->Start OC4J

In Linux go to <InstallDrive>/OracleBI/oc4j_bi/bin and execute the following commands to restart the OC4J

oc4j -stop

oc4j –start

- Login to Presentation services from Programs->Oracle Business Intelligence->Presentation Services.
- 40. Enable 'Write Back option to Database' by going to:

Settings->Administration->Manage Privileges->Write Back to Database

41. Give privilege for Presentation Service Administrator.



1.4 Deployment in OBIEE 11g

1.4.1 Rpd Connection Changes

1. Open OBIEE Administration tool.



42. Open rpd in offline mode.





43. Enter Password: Admin123 and click 'OK'.



44. Double click on connection pool.



🗅 Oracle Bl Administration Tool - FCUBS_Full_Schema rpd 🖂 🗖 🖉 🗮					
<u>File Edit View Manage Tools Diagram Window Help</u>	File Edit View Manage Iook Diagram Window Help				
□ ☞ ☞ ☞ ● 비 & ¥ ▣ 匝 ᠌ 앱 曲 ┡ ♡ 된 ♥.	<u>666668</u>				
Presentation	Business Model and Mapping	Physical			
Presentation	Busines: Model and Mapping Exercise: Model a	Physical			
Connection Pool : "FlexCube". "Connection Pool"	p	NUM			

45. Change Data source name.



Connection Pool - Conne	ection Pool	
General Connection Sc	ripts XML Write Back Miscellane	eous
Name: Connection	Pool	Permissions
<u>C</u> all interface:	OCI 10g/11g	•
Maximum connections:	10 🛟	
Require fully qualifie	d table names	
D <u>a</u> ta source name:	KD12NEW	
Shared logon		
<u>U</u> ser name:	FCUSB121DEV Password:	•••••
Enable connection	pooling	
<u>T</u> imeout:	5	(minutes) 💌
Use multithreaded of	connections	
Parameters support	ed	
Isolation level:	Default	_
Description:		
		<u> </u>
		<u></u>
	OK Cano	el Help

46. Change Data source name for the marked info given in the below format:

(DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST = <*Host Address*>)(PORT = <*Port*>)))(CONNECT_DATA = (SERVICE_NAME <*Servicename*>)))



47. Enter User ID and password and click OK. Again enter the same password when it prompts. Save the Rpd changes.



Connection Pool - Connection Pool				
General Connection Sc	ripts XML Write Back Miscellaneous			
Name: Connection	Pool Permissions			
<u>C</u> all interface:	OCI 10g/11g 🗨			
Maximum connections:	10 🕂			
Require fully qualifie	ed table names			
D <u>a</u> ta source name:	(DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (
Shared logon				
<u>U</u> ser name:	FCUBSDEV Password:			
Enable connection	pooling			
<u>T</u> imeout:	5 (minutes) 💌			
Use multithreaded o	connections			
Parameters support	ed			
Isolation level:	Default			
Description:				
I	<u> </u>			
	OK Cancel Help			

48. Click 'OK' and the follwing screen is displayed:

Confirm Pass	word	x
Password:	•••••	
	ОК	Cancel

49. Click 'OK' and the following screen is displayed:





50. Click "Yes.

Check Consistency	
Running Consistency Check	
Invalid Use of EvaluateAggr	
	Cancel

51. Click "Close in below window.

ionsistency Check Manager						
Display:) 🗌 <u>W</u> arı	nings (872)				62
Messages:						
Message Type	Object Type	Object	Error No.		Error Descripti	on
Show <u>Q</u> ualified	Name	Check <u>All</u> Objects	<u>G</u> o To	<u>С</u> ору	Close	Help
A Global Consisten	cy Check was perform	ned. 0 Error(s) (0 sho	wn), 872 Warning(s) (0 shown),	and 0 Best Pract	ice violations(s) (

1.4.2 Deploying RPD using Enterprise Manager

1. Login to OBIEE Enterprise Manager using OBIEE Admin User ID and Password.





52. Click on core application under Business Intelligence Folder as shown.



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	bipublisher(11.1.1)	<u>Û</u>	bi_duster	Starting and Stopping Oracle Fit	usion Middleware		
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53. Click on Lock and Edit and go to Deployment Tab.



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	Share Repository	
	RPD Publishing Directory	
	Upload BI Server Repository	
	Use this section to upload a new RPD and its password to your BI Server domain. You may also use this section to re-enter the password if a mistake was me	ade on a previous upload.
	Repository File Browse	
	Reportery Password	
	BI Presentation Catalog	
	This section shows the current location of the catalog used by Presentation Services. Use this section to change the location of the catalog, or to share the devices	catalog by pointing to a shared
	No. aluoni.	
	Catalog Location \$ORACLE_INSTANCE/bifoundation/OradeBIPresentationServicesComponent/\$COMPONENT_NAME/catalog/SampleAppLite	

54. Click on Browse and select the Rpd to make it online.



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55. Enter Repository password and Confirm Password as Admin123/Admin123.



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56. Click 'Apply'.

57. Click' Activate Changes'.



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58. Let the below process to complete and click 'Close'.



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59. Click' Restart' the instance to take the effect of changes.



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60. This completes the deployment.





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