Oracle Financial Services Data Integration Hub Foundation Pack Extension for Data Relationship Management Interface

User Manual

8.0.1.0.0





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Preface

Audience

Following are the intended audience for the OFS DIH Foundation Pack Extension for OBP User Manual:

- ETL Developers: The ETL Developers from the IT Department of the financial services institution, who do the data sourcing.
- Business Analysts: The business analysts from the IT Department of the financial services institution, who do the mapping of the tables.

Prerequisites

- Data Integration Hub (DIH) should be installed
- OFSAA DRM Interface should be installed
- Oracle Data Integrator environment for executing the interfaces

Related Information Sources

Along with this user manual, you can also refer to the following documents in <u>OTN</u> documentation Library:

- Oracle Financial Services Data Integration Hub User Guide 8.0.1.0.0
- Oracle Financial Services Data Integration Hub Applications Pack Installation Guide Release 8.0.1.0.0
- DRM OFSAA Integration Guide

Acronyms

Acronym	Description	
DIH	Data Integration Hub	
UI	User Interface	
ODI	Oracle Data Integrator	
ADI	Application Data Interface	
KM Knowledge Module		
EDD	External Data Descriptor	
Apps	Application	
CASA Current And Savings Account		



E.

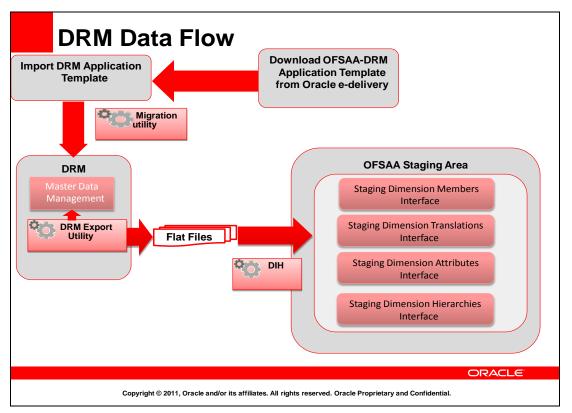
Acronym	Description
CL	Consumer Lending
ELCM	Enterprise Limits and Collateral Management
FX	Foreign Exchange
GL	General Ledger
MM	Money Marketing
TD	Term Deposit
FIS	FLEXCUBE Information Server
EOFI End of Financial Input	
DRM	Data Relationship Management

1 Introduction to DRM to OFSAA Interface

Oracle Financial Services Analytical applications (OFSAA) enables financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture, lower the costs of compliance and regulation, and improve customer insight.

Oracle Data Relationship Management (DRM) helps proactively manage changes in master data across operational, analytical, and enterprise performance management silos. Users may make changes in their departmental perspectives while ensuring conformance to enterprise standards

1.1 Data Flow



The OFSAA-DRM Application template is an xml based metadata file that is imported into the DRM application through migration utility. The nodes of the hierarchies that qualify within the scope of this interface release is assigned with correct values before executing the DRM exports. Four DRM books are created to generate the delimited files. The mapping between the delimited extracted files (EDD) and OFSAA staging tables (ADI) is predefined in the DRM connectors. The pre-defined DIH connectors that map the multiple file EDD's to the corresponding ADI's is published through front end. This creates corresponding interfaces in Oracle Data Integrator Repository. The interfaces is then executed to load the data from the delimited into the target staging tables.

2 Deployment of Application Template

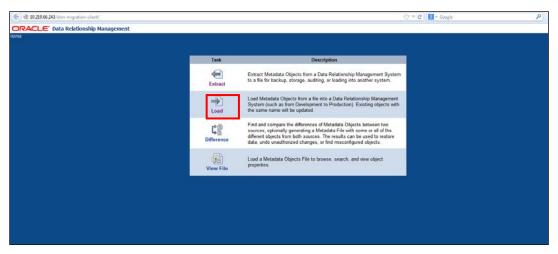
OFSAA-DRM Application template is an xml based metadata file that needs to be imported into the DRM application through migration utility. This would deploy all the out-of-the-box properties, Validations, Exports and Books in the target DRM application. The nodes of the hierarchies that qualify within the scope of this interface release is assigned with correct values before executing the DRM exports.

NOTE: The names of the Version and Hierarchies as defined in the target application need to be manually edited in the template before importing.

For more information, refer the OFSAA-DIH Installation Manual Release 8.0.1 in <u>OTN</u>.

Download the application template from MOS (ID # **21522224**) into a windows machine and import the same into the DRM environment using DRM migration client.

1. Navigate to the DRM Migration client and click **Load**.



2. Browse for the application template file (.xml) which was downloaded previously from MOS and click **Upload.**

ORACLE Data Relationship Management		
Home > Load Metadata		
	Upload File	
	Filename: Browse_ OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xml	
	Back Labor	



3. Verify the details on the page and click **Next**.

ORACLE Data Relationship Management				
Home > Load Metadata				
	Uploaded Fi	le Information		
Filename:	OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xm	l.		
File Checksum:	No Match; file has been modified!	Extracted From:	DRM_IUT_1	
Server Version:	11.1.2.3	Extracted By: Extracted At:	ADMIN 10/14/2014 10:46:49 PM	
App Version:		Entranced All	IN THE FT IN THE TO THE	
File				
Version:				
	DRM	Extract		
Purpose:				
Usage:				
			Back Next	

4. Login into target DRM application into which the contents of the application template need to be imported and click **Log In** after entering the required details.

ORACLE Data Relationship Management					Help Lop
iome > Load Metadata				Č.m.	nt File: OFSAA_DRM_INTERFACE_TEMPLATE_15_001
				Gant	
		Login Conr	rection		
	Connections:	DRM_IUT_1	- Copy		
	Connection Name:	DRM_IUT_1			
	Connection Url:	net.tcp://rws3261155:5212/	Oracle/Drm/ProcessMar		
	Username:	admin			
	Password:				
			Back Test Connection Lo	g In	
				Login (ALT + N)	
	Success: 'adn		261155:5212/Oracle/Drm/ProcessManager		
	Success: add	nin connected to met.tcpc//rws3	2611555212/Oracle/Drm/ProcessManager		

5. Select all the components that are part of the application template as shown below and click **Next**.

ORACLE Data Relationship Management				Help Logi
Home > Load Metadata				Current File: OFSAA_DRM_INTERFACE_TEMPLATE_15_OC1 Current Connection: DRM_JUT_1
		Back	Next	
	Select Metadata Objects			
	OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xml OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xml DEvonts DEvonts OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xml DEvonts D	Back	Find Next Next (ALT	- 11



6. Verify the dependencies and click **Next**.

ORACLE Data Relationship Management			Help Logo
Home > Load Metadata			Current File: Of SA4_DRM_INTERFACE_TEMPLATE_15_OCT. Current Connection: DRM_IUT_1
		Review Load Metadata Object Dependencies	Badi Next
		Review Load metadata object dependencies	Constant and Constant
	Server Dependency Server Dependency Excluded Dependency Missing Dependency	Filter: Objects with Unresolved Errors +	Page Size 5 -
	- Extend Cor - Property Def - Property Def - Expend (Standard - Expend (Standard - Expend (Standard - Property Def - Pr	A BOOK 4. COA, ATT, CAA, COEE, EXPORTS] Instein (PSAA DISPLAY, COCE] Instein (PSAA DISPLAY, C	pendencius •

7. Verify the details and begin the import process by clicking **Run Load**.

ORACLE Data Relationship Management		Hel
Iome > Load Metadata		
	50 State 1 State 2 State	k Run Load
	Review Load Metadata Object Dependencies	Run Load (ALT = N)
	Click "Run Load" when you are ready to begin the Load process. (Processing may take several minutes to complete.)	
	Continue Load after Error	
	Load From File: Filename: OFSAA_DRM_INTERFACE_TEMPLATE_15_OCT.xml Extracted From: DRM_	
	File No Match; file has been modified! Extracted By: A	DMIN
	Checksum: Extracted At: 10/14/2014 10:46:4 Server 11.1.2.3	PM
	Version: App	
	Version:	
	File Version:	
	DRM Extract	
	Purpose:	
	Usage:	

8. Ensure that there are no errors in the import process

			J.
me > Load Metadata			
			Return to Main Menu Start New Load
		Load	I Metadata Objects Results
		The Lond complete down	sfully with no errors or warnings.
		You can view or download the L	
		Load Source: OFSAA	DRM_INTERFACE_TEMPLATE_15_OCT.xml
		Load Target: DRM_IU	π_1
	R. Download	E Auto E	Information Warning VError Page Size: 10 -
	ag connous	E Abbit E	123456789
	Seq Date/Time	Severity	Message
	81 10/15/2014 5:50:33 AM	Information	Finished loading objects
	80 10/15/2014 5:50:33 AM	Audit	Created Book @@STANDARD::Product Book [Std: Product Book]
	79 10/15/2014 5:50:33 AM	Audit	Created Book @@STANDARD::Org_Unit Book [Std: Org_Unit Book]
	78 10/15/2014 5:50:33 AM	Audit	Created Book @@STANDARD::GL Book [Std: GL Book]
	77 10/15/2014 5:50:33 AM	Audit	Created Book @@STANDARD::COA Book [Std: COA Book]
	E 76 10/15/2014 5:50:33 AM	Audit	Created Export @@STANDARD::Product_TI_Export [This export creates export file which is used to populate stg_products_tl_intf]
	10/15/2014 5:50:33 AM	Audit	Created Export @@STANDARD::Product_Hier_Export [This export creates export file which is used to populate stg products hier intf]



9. Login into the DRM application and check if all the imported objects are appearing. Deployment of the DRM Application template is complete.

3 Extraction of generated files

There are four DRM books, that is, one for each dimension, that are created to generate the delimited files. These files are copied to an agreed file share, post execution of the books. The mapping between the delimited extracted files (EDD) and OFSAA staging tables (ADI) are predefined in the DRM connectors. Refer to the file <u>DRM EDD to ADI Mapping</u> for more details.

4 Mapping the OFSAA User to DRM User Groups

User group mapping enables you to map user(s) to specific user group which in turn is mapped to a specific Information Domain and role. Every User Group mapped to the infodom should be authorized. Else, it cannot be mapped to users.

User Group Map screen displays fields such as **User ID**, **Name**, and the corresponding **Mapped Groups**. You can view and modify the existing mappings within the **User Group Maintenance** screen.

To access User Group Mapping navigate to, and click Identity Management section. For details on mapping user to user groups refer to <u>OFSAAI User Guide</u> in OTN documentation library.

Name	Description
	User mapped to this group will have access to all the menu items for entire DRM Application.
DRM Admin	The exclusive menu's which are available only to this group users are DRM Administration
DRM Data Mapping	User mapped to this group will have access to DRM Data Mapping Menu
DRM Operator	User mapped to this group will have access to Orchestration and Execution Menu

Seeded User Groups for OFSAA - DRM Interface

	lications	🕮 v 🏅 v US-English v SYSADMN v
System Configuration & Mentity Management Mentity System Configuration & Mentity Management Mentity System Configuration Mentity Management Mentity Management Mentity Management Mentity Management Mentity Management Mentity & Process Contestation	Incations	Kently Management Framount to surge file grained user subwatcation and subsolication security using access management constructs like passwords, user roles and functions

Identity Management



OFS DIH Foundation Pack Extension for DRM User Manual

User Administrator		User - User Group Map										
🖉 User Maintenance	User - User Group Map											
🙀 User Group Maintenance												
🎇 User - User Group Map	» Search and Filter	» Search and Filter										
🔁 User Group Domain Map 🖓 User Group Role Map	User ID		Name									
🖓 Map User Group Folder Role												
🐓 User Reinstate	» User – User Group Map				? 📮	1-7/7 (1) (1)						
System Administrator	進 🔲 User ID	Name										
Audit Trail Report	GUEST	Guest Login										
User Profile Report	OFSAD	OFSAD										
Enable User	OFSAN	OFSAN										
		OFSDM OFSDM										
		OFSOP OFSOP										
	SYSADMN	System Adm										
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		DIH Data Mapping										
		DIH Execution										
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		DRM Analyst		-								
		DRM Operator	E	E								
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		FAH Operator FCUBS Admin		=								
		FCUBS Analyst										
		FCUBS Operator										
		FSDF Admin										
		- And a standard st										
		FSDF Analyst										
		FSDF Analyst										



	User - User (Group Map	
<u>User - User Group Map</u> > User - User	Group Map		
» Search			
» User Groups			
Members		Selected Members	
DRM Analyst	*	DRM Admin	
DRM Operator			
FAH Analyst			
FAH Operator	E	- fbro	
FCUBS Analyst			
FCUBS Operator	E	Мар	
FSDF Admin			
FSDF Analyst	= 📢		
FSDF Data Modeler			
FSDF Operator	1		
OBP Analyst			
OBP Operator			
FAH Admin			
FCUBS Admin	▼.		
	OK	Close	

5 Logging into DRM-OFSAA Interface

Access the DRM-OFSAA Interface using your login credentials (User ID and password). The built-in security system ensures that you are permitted to access the window and actions based on the authorization only.



After logging into the application, select *Interface for Oracle Data Relationship Management* from the applications drop-down list.

Note: You should be mapped at least any one of the DRM user groups in order to get the application in the drop down.

Incations Object Administration System Configuration & Identity Management	t wy moox	
nancial Services Data Integration Hub V	Data Integration Hub	
nancial Services Data Foundation nancial Services Data Integration Hub	Administration Administration	Application Data Interface Application Data Interface
terface for Oracle Flexcube Universal Banking System terface for Oracle Banking Platform	Data Mapping	Orchestration Orchestration
terface for Oracle Data Relationship Management terface for Oracle Fusion Accounting Hub	Execution	
	Retresh	

The DRM -OFSAA landing page is displayed below.





6 Prerequisites for Deploying OFSAA-DRM Connectors

The deployment process requires the below actions to be performed as prerequisites. Ensure that these requirements are met before starting the deployment using Refresh DRM interface menu.

- The user must be mapped to the user group **DRM Admin** in order to get the Refresh DRM Interface menu.
- The user should have mapped to **DIH Admin** and **DIH Data Mapping** user groups to configure the Oracle Data Integrator (ODI) settings and External Data Store respectively.

Follow the below steps:

- 1. Complete the ODI settings using "**Settings**" option in **DIH Application** menu before deploying the interface.
- 2. Select the entry which is present and click Edit.

	tions				
Applications Object Administration System Configuration & Identity Management	nt My Inbox				
Select Applications Financial Services Data Integration Hub	Data Integration Hub > Admi	nistration > Settings			
A Data Integration Hub			Settings		As of Date: 08/08/2014
A B Administration	A Search				R D
E Settings					
Refresh	* Settings				T-1/1 (3 (3 (3 (3 Jump to page)
Publish/Unpublish Connectors	ODI User SUPERVISOR	Master Repository DB User DIHDEV_ODI_REPO	Master DB Driver oracle jdbc.OracleDriver	Master DB Connection Work Reposit jdbc oracle thin: @10.184.135.6:1521-FSDFDB DIHREP	OFSAA_CONNECTORS DRM_OFSAA
Application Data Interface		enter Confirm o		para disercent de la race race racer des paraces	
4 🖳 Data Mapping					
Parameters					
External Data Store					
External Data Descriptor					
Connector					
Crchestration					
Skecution					

3. The ODI settings screen is displayed. Update the setting information correctly before proceeding to the deployment of DRM interface connectors.

Settings Menu	Values Required	Example
ODI User	User Name used for Login to ODI	SUPERVISOR
ODI Password	ODI Password for the ODI user to login	odipassword
Master Repository DB User	Master Repositorty DB Schema User Name created for ODI	DIHDEV_ODI_REPO
Master Repository DB Password	Master Repositorty DB Schema Password	dbpassword
Master DB Driver	Oracle Driver (Use the Default)	oracle.jdbc.OracleDriver
Master DB Connection	Oracle Database JDBC URL	jdbc:oracle:thin:@10.184.135.6:1521:DI HDB
Work Repository	Repository used inside ODI	DIHREP



* ODI Agent	
ODI User *	SUPERVISOR
ODI Password	
Master Repository DB User *	DIHDEV_ODI_REPO
Master Repository DB Password	
Master DB Driver *	oracle.jdbc.OracleDriver
Master DB Connection *	jdbc:oracle:thin:@10.184.135.6:1521:FSDFDB
Work Repository *	DIHREP
* Project Settings	
Project *	OFSAA_CONNECTORS
Folder *	DRM_OFSAA
Agent URL	http://10.184.203.158:6789/oraclediagent

4. A source named DRM_SRC_FILES is present in External Data Store under DIH Application. Select the entry which is present as DRM_SRC_FILES and click Edit.

ORACLE' Financial Services Analytical Applicat	lons		_			T ∴ T USLAMAT OFSU
pplications Object Administration System Configuration & Identity Management	My intern					
Select Applications	Data Integration Hub > Data Mapp	ing > External Data Store				
Financial Services Data Integration Hub *						
Data Integration Hub			External De	ite store		As of Date: 05/05/2014
A B Administration	+ Search					6 B
D tettings	Name					
> Cartein						
B Publish Unsublish Connectors	· External Data Store					1-4/4 (3 (3 (3 (3 (3 / 2 / 4 / 10) 10 page)
	The Name A	Description	Type	DR Connection	With Longiture	Statue Last Multined Data Last Modified
St Application Data Interface	V DRM, SRC, FLES	Source for DRM File Load laterfaces	FLE		IDDEESHWEEKE LADRAL FILES	Savest 01/22/2015 10:25:00 OF5AD
🔺 🖏 Data Mapping	FI FAH STAGE SRC	Staging Source for Gracle Pusion Accounting Hub	ORACLE DE	(doc stack this @SOURCEIP PORT SID		Sered 01(22/2015 10/25:00 OFS4D
Parameters	POUBS_STAGE_SRG	Stage Source for Plexibube Universal Banking	DRACLE DB	able anale this goouncesh Politi Sib		5aved 05/22/2015 10/25/00 OFBAD
C External Data Store	COP_STACE_SEC	Staging Source for Oracle Banking Platform	ORACLE DS	plic stack the @SOURCEIP PORT SID		Saved 85/22/2015 10 25:00 OFSAD
Bit Creament Data Descriptor Bit Connection ▶ Bit Creaments ▶ Bit trajection						
1						



 Enter the location path of the DRM files. The Path should be in the same sever where the ODI is installed and configured. Refer to <u>DIH User Manual</u> for more details on External Data Store File settings.

		External Data Store
External Data Store > External Data Store	(Edt Mode) >	
A External Data Store		
Name *	DRM_SRC_FILES	
Description	Source for DRM File Load Interfaces	
Type *	FLE	
File Location*	/ODIEEServer/Scratch/DRM_FILES	

6. Navigate to DIH Application, select Administration menu and Click Refresh ADI Menu. This will refresh all the Application Data Interfaces, and creates the Application Data Interfaces for all the staging tables present in the model which is being uploaded in the same Infodom.

ORACLE "Financial Services Analytical Applications							
Construction C		Refeash Target Detautores Refeash Target Detautores	III + A + (960-944 + 0700-9				

7. Navigate to **DIH Application**, select **Administration** menu and click **Refresh Target Datastores.** This will refresh all the available target data stores.





7 Deploying OFSAA-DRM Connectors Using Refresh DRM Interface Menu

After the pre-requisites are complete, you can deploy the DRM connectors that map the multiple file EDD's to the corresponding ADI's, by using **Refresh DRM Interface** menu. This creates the corresponding External Data Descriptor and Connectors inside **Data Mapping** Menu of the DRM Interface.

Note: You can deploy only one version at a time.

- 1. Navigate to the DRM application interface.
- 2. Select Administration, and click Refresh DRM Interface.

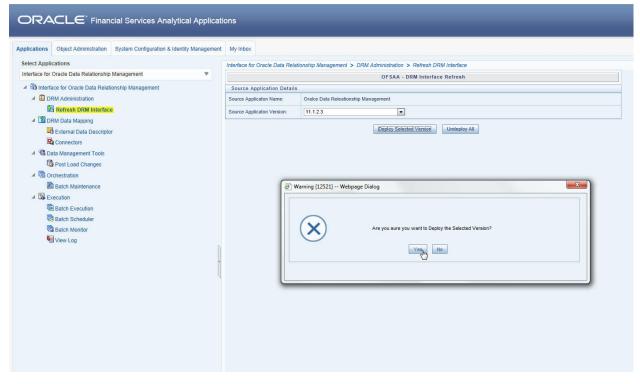
ORA		cial Services Analytical Applicati	ons	
Applications	Object Administration	System Configuration & Identity Management	My Inbox	
Select Appli	cations		Interface for	r Oracle Data Relationship Management > DRM Administration
Interface for	Oracle Data Relationship	Management The second s		
🔺 🔀 Interfa	ace for Oracle Data Relat	ionship Management	4	B DRM Administration DRM Administration
🔺 🗓 DI	RM Administration			
<u>A</u>	Refresh DRM Interface			Refresh DRM Interface
🔺 📆 DI	RM Data Mapping			Deploy/Undeploy DRM Interface
6	External Data Descripto	r		V
R	Connectors			
🔺 🛱 Di	ata Management Tools			
G	Post Load Changes			
🔺 🐻 O	rchestration			
	Batch Maintenance			
🔺 🔀 E)	recution			
10	Batch Execution			
	Batch Scheduler			
	Batch Monitor			
%	View Log			

- 3. Select the **Source App Version** (DRM Version 11.1.2.3) from the drop-down menu.
- 4. Click Deploy Selected Version

	CLE' Finan	cial Services Analytical	l Applicati	ions				
Applications	Object Administration	System Configuration & Identity	Management	t My Inbox				
Select Appli				Interface for Oracle Data Rel	ationship Management > DRM Administration > Refresh DRM Interface			
Interface for	Oracle Data Relationship	Management	Ŧ		OFSAA - DRM Interface Refresh			
4 3 Interf	ace for Oracle Data Relat	ionship Management		Source Application Detail	8			
4 🗓 D	RM Administration			Source Applicaton Name:	Oralce Data Releationship Management			
	Refresh DRM Interfac	e.		Source Application Version:	11.1.2.3			
	RM Data Mapping							
	External Data Descripto	r			Deploy Selected Version Undeploy All			
	Connectors				0			
	ata Management Tools							
	Post Load Changes							
	rchestration							
	Batch Maintenance							
- 🚱 Đ								
	Batch Execution							
	Batch Scheduler							
	Batch Monitor							
•	View Log							



5. A message "Are you sure you want to Deploy the Selected Version?" is displayed. Click Yes to proceed.



After the deployment is complete, the "Deployment Successful" message is displayed.

	ons					
Applications Object Administration System Configuration & Identity Management Select Applications	My Inbox					
Interface for Oracle Data Relationship Management	Interface for Oracle Data Relationship Management > DRM Administration > Refresh DRM Interface					
Interface for Oracle Data Relationship Management	OFSAA - DRM Interface Refresh Source Application Details					
E DRM Administration	Source Application Name:	Oralce Data Releationship Management				
B Refresh DRM Interface	Source Applicaton Version:	11.12.3				
 Image: Dom Data Mapping External Data Descriptor Connectors Image: Data Management Tools Image: Orchestration Batch Maintenance Image: Data Batch Main		Internation [1250] Webpage Dialog				

6. Navigate to **External Data Descriptor** and **Connectors** under **DRM Data Mapping** for checking the deployed EDDs, Connectors and the Mappings.

plications Object Administration System Configuration & Identity Management	My Inbox						
elect Applications	Interface for Oracle Data Relationshin I	Management > DRM Data Mapping > External Data Des	criptor				
nterface for Oracle Data Relationship Management							
			External Data Desc	riptor		As of Date:	08/08/2014
Bo Interface for Oracle Data Relationship Management							
DRM Administration	A Search						🔂 🗗
Refresh DRM Interface	External Data Store Name			Name			
A DRM Data Mapping							
External Data Descriptor	A External Data Descriptor					1 - 29 / 29 🚺 🚺 🚺 Jump	to page
Sa Connectors	Mame 🛓	Description	External Data Store Name	External Data Store Type	Status	Last Modified Date	Last Modifie
	COA_Attr_Account_Type	Chart of Account extract to populate attribute Acc[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
4 😘 Data Management Tools	COA_Attr_Accr_Basis_Cd	Chart of Account extract to populate attribute Acc[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
Post Load Changes	COA_Attr_COA_Code	Chart of Account extract to populate attribute COA[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
A Corchestration	COA_Attr_Org_Unit_Code	Chart of Account extract to populate attribute Org[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
Batch Maintenance	COA_Attr_Rollup_Sign	Chart of Account extract to populate attribute Rol[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
	COA_B	Chart of Account extract to populate all members o[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
4 Secution	COA_Hier	Chart of Account extract to populate all hierarchy[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
Batch Execution	COA_TI	Chart of Account Extract to populate description o[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
Batch Scheduler	GL_Attr_Accr_Basis_Cd	General Ledger Account extract to populate attribu[]		FILE	Saved	07/10/2015 12:30:00	
Batch Monitor	GL_Attr_COA_Code	General Ledger Account extract to populate attribu[]		FILE	Saved	07/10/2015 12:30:00	
Wiew Log	GL_Attr_GL_Code	General Ledger Account extract to populate attribu[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
View Log	GL_Attr_Org_Unit_Code	General Ledger Account extract to populate attribu[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
	GL_Attr_Rollup_Sign	General Ledger Account extract to populate attribu[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
*	GL_B	General Ledger Account extract to populate all mem[] DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
	GL_Hier	General Ledger Account extract to populate hierarc[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER
4	🔲 GL_TI	General Ledger Account extract to populate descrip[]		FILE	Saved	07/10/2015 12:30:00	
	Crg_Attr_Offset_Org_ID	Organisation Unit Dimension extract to populate at[]		FILE	Saved	07/10/2015 12:30:00	
	Org_Attr_Org_Unit_Cd	Organisation Unit Dimension extract to populate at[]		FILE	Saved	07/10/2015 12:30:00	
	Crg_B	Organisation Unit extract to populate all members []		FILE	Saved	07/10/2015 12:30:00	
	Crg_Hier	Organisation Unit extract to populate hierarchy de[]		FILE	Saved	07/10/2015 12:30:00	
	Crg_TI	Organisation Unit Dimension extract to populate de[]		FILE	Saved	07/10/2015 12:30:00	
	Product_B	Product Dimension extract to populate all members [FILE	Saved	07/10/2015 12:30:00	
	Product_Hier	Product Dimension extract to populate hierarchy de[]		FILE	Saved	07/10/2015 12:30:00	
	Product_TL	Product Dimension extract to populate description []		FILE	Saved	07/10/2015 12:30:00	
	Prod_Attr_Accr_Basis_Cd	Product Dimension extract to populate attribute Ac[]		FILE	Saved	07/10/2015 12:30:00	
	Prod_Attr_COA_Code	Product Dimension extract to populate attribute Ch[]		FILE	Saved	07/10/2015 12:30:00	
	Prod_Attr_Offset_Org_ID	Product Dimension extract to populate attribute Or[]		FILE	Saved	07/10/2015 12:30:00	
	Prod_Attr_Product_Code	Product Dimension extract to populate attribute Pr[]	DRM_SRC_FILES	FILE	Saved	07/10/2015 12:30:00	DIHUSER

DRM External Data Descriptor

	Applications					
lications Object Administration System Configuration & Identity I	Management My Inbox					
lect Applications	Interface for Oracle Date Deleteration Ma	nagement > DRM Data Mapping > Connectors				
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DRM Data Mapping				10		
External Data Descriptor	* Connectors					1 - 29 / 29 (1) (1) (1) Jump to page
	Name 🔺	Description	EDD	External Data Store Name	Status	Last Modified Date Last Modifie
Connectors	Con_Drm_COA_Attr_Account_Type	Connector to load Common Coa Attr Intf Master	COA_Attr_Account_Type	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Cata Management Tools	Con_Drm_COA_Attr_COA_Code	Connector to load Common Coa Attr Intf Master	COA_Attr_COA_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Post Load Changes	Con_Drm_COA_Attr_Label_Accrual	Connector to load Common Coa Attr Intf Master	COA_Attr_Accr_Basis_Cd	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Crchestration	Con_Drm_COA_Attr_Label_OrgID	Connector to load Common Coa Attr Intf Master	COA_Attr_Org_Unit_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_COA_Attr_Label_Rollup	Connector to load Common Coa Altr Intf Master	COA_Attr_Rollup_Sign	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Batch Maintenance	Con_Drm_COA_B	Connector to load Common Coa B Intf Master	COA_B	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
S Execution	Con_Drm_COA_Hier	Connector to load Common Coa Hier Intf Master	COA_Hier	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Batch Execution	Con_Drm_COA_TI	Connector to load Common Coa TI Intf Master	COA_TI	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Batch Scheduler	Con_Drm_GL_Attr_Accrual	Connector to load GI Attr Intf Master	GL_Attr_Accr_Basis_Cd	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
Batch Monitor	Con_Drm_GL_Attr_COA_ID	Connector to load GI Attr Intf Master	GL_Attr_COA_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_GL_Attr_GL_Code	Connector to load GI Attr Intf Master	GL_Altr_GL_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
View Log	Con_Drm_GL_Attr_Org_ID	Connector to load GI Attr Intf Master	GL_Altr_Org_Unit_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_GL_Attr_Rollup	Connector to load GI Attr Intf Master	GL_Altr_Rollup_Sign	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	. Con_Drm_GL_B	Connector to load GI B Interface Master	GL_B	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_GL_Hier	Connector to load GI Hier Intf Master	GL_Hier	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_GL_TI	Connector to load GI TI Intf Master	GL_TI	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Org_Unit_B	Connector to load Org Unit B Intf Master	Org_B	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Org_Unit_Hier	Connector to load Org Unit Hier Intf Master	Org_Hier	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Org_Unit_OrgID_Attr	Connector to load Org Unit Attr Intf Master	Org_Attr_Offset_Org_ID	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Org_Unit_Org_Code_Attr	Connector to load Org Unit Attr Intf Master	Org_Attr_Org_Unit_Cd	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Org_Unit_TI	Connector to load Org Unit TI Intf Master	Org_TI	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Product_Attr_COA_ID	Connector to load Products Attr Intf Master	Prod_Attr_COA_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Product_B	Connector to load Products B Intf Master	Product_B	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Product_Hier	Connector to load Products Hier Intf Master	Product_Hier	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Product_TL	Connector to load Products TI Intf Master	Product_TL	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Prod_Attr_Accr_Basis	Connector to load Products Attr Intf Master	Prod_Attr_Accr_Basis_Cd	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Prod_Attr_Offset_OrgID	Connector to load Products Attr Intf Master	Prod_Attr_Offset_Org_ID	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Prod_Attr_Product_Code	Connector to load Products Attr Intf Master	Prod_Attr_Product_Code	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER
	Con_Drm_Prod_Attr_Rollup_Sign	Connector to load Products Attr Intf Master	Prod_Attr_Rollup_Sign	DRM_SRC_FILES	Saved	07/10/2015 12:30:00 DIHUSER

DRM Connectors

8 Undeploying OFSAA-DRM Connectors Using Refresh DRM Interface Menu

You can use the **Undeploy All** button to undeploy the connectors. Use the undeploying feature in the following scenarios.

8.1 Deploying Upgraded Source Version

If there is an upgraded source application (DRM) available, you can undeploy the existing version of the connector, and redeploy the same by selecting the available upgraded source version. The current available source version for DRM connector supports DRM Version 11.1.2.3

Note: You can deploy only one source version at a time. You need to upgrade the source, undeploy the version and deploy the required version.

8.2 Changes in ODI / External Data Store Settings

If there is a change in the ODI/ External Data Store settings, then you can undeploy the connectors. Modify the settings and redeploy to obtain the latest connector settings.

Note: You cannot undeploy the connectors if any of the Connector/External Data Descriptor is in published mode. Unpublish all the Connector/External Data Descriptor before proceeding with undeployment.

Follow the below steps to undeploy:

1. Click Undeploy All to undeploy the Connector version.

ORACLE [*] Financial Services Analytical Application	ons	
Applications Object Administration System Configuration & Identity Management Select Applications Interface for Oracle Data Relationship Management	My Inbox	Idonship Management > DRM Administration > Refresh DRM Interface OFSAA - DRM Interface Refresh Oralce Data Releationship Management Oralce Data Releationship Management Deploy Selected Version Undeploy A
 Image: A second changes Image: A second changes Image: A second changes Image: A second changes Image: A second change second change Image: A second change secon		



2. A message "Are you sure you want to Undeploy All?" is displayed. Click Yes to proceed.

	ons	
Applications Object Administration System Configuration & Identity Management Select Applications		onship Management > DRM Administration > Refresh DRM Interface
Interface for Oracle Data Relationship Management		OFSAA - DRM Interface Refresh
Interface for Oracle Data Relationship Management	Source Application Details	
A E DRM Administration	Source Applicaton Name:	Oralce Data Releationship Management
B Refresh DRM Interface	Source Applicaton Version:	
 Connectors Connectors Connectors Connectors Connectors Connectors Connectors Connectors Socretation Batch Maintenance Execution Batch Execution Batch Scheduler Gatch Annior Astronomic View Log 		Indeploy Selected Version Undeploy All

3. After the undeployment is complete, the "Successfully Deployed All" message is displayed.

	ons	
Applications Object Administration System Configuration & Identity Management	My Inbox	
	Interface for Oracle Data Relati	onship Management > DRM Administration > Refresh DRM Interface
Interface for Oracle Data Relationship Management		OFSAA - DRM Interface Refresh
4 🛍 Interface for Oracle Data Relationship Management	Source Application Details	
DRM Administration	Source Applicaton Name:	Oralce Data Releationship Management
Refresh DRM Interface	Source Applicaton Version:	
Im DRM Data Mapping DRM Data Mapping Descriptor Connectors Mapping Data Management Tools		Deploy Selected Version Undeploy All
Post Load Changes		
Batch Maintenance	(B).	formation (12511) Webpage Dialog
A B Execution		formation [12511] Webpage Dialog
▲ Gas Execution ③ Batch Execution ③ Batch Scheduler ④ Batch Monitor € View Log		Successfully Undeployed All

9 Publishing OFSAA-DRM Connectors to ODI environment through DIH

Once the pre-defined DRM connectors are deployed, they need to be published through either the **Connectors** under **DRM Data Mapping** of **DRM Application** Menu or through the **Publish All** under **Administration** menu of **DIH Application**. This creates the corresponding interfaces in Oracle Data Integrator Repository. The interfaces are then executed to load the data from the delimited files into the target staging tables. For more information on How to Publish a connector, refer OFSAA – Data Integration Hub user guide.

10 Populating STG_HIERARCHIES_INTF Table Using *fn_DRM_Pop_Stg_Hier_Intf* Post Load Changes Data Transformation

After pre-defined DRM connectors are published and executed to load the data from the delimited files into the target staging tables, you can use Data Transformation fn_DRM_Pop_Stg_Hier_Intf to populate the OFSAA table STG_HIERARCHIES_INTF. This table is used for Populating the dimension tables in multiple application packs.

There is one seeded batch **<INFODOM>_POP_DRM_STG_HIER_INTF** for the same data transformation.

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11 OFSAA-DRM Interface Export details

The OFSAA-DRM Interface export details is available in the file <u>OFSAA DRM interface export</u> <u>details</u>.

11.1 Filtering Properties using Node Type in DRM Application

Follow the below procedure to map the node type to each dimension:

- 1. At the home screen, select a version, say COA version.
- 2. Select the COA Hierarchy.
- 3. On RHS, under the Properties tab, select "OFSAA ATTRIBUTES". Select COA NODE TYPE against COA label.

ORACLE	Data Relationship Management					Preferences Help Logaut 🤇
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- 4. Click Save.
- 5. From RHS, select "System" under Properties tab.
- 6. Click the Hierarchy Node Type, select COA_MEMBER and click OK.



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This is used to filter and display properties specific to particular dimension. Similarly, filtering can be done for other dimensions also.

12 OFSAA-DRM Interface Properties

The OFSAA-DRM Interface properties is available in the file OFSAA DRM Interface Properties.

13 Dimension type – COA

13.1 List of COA tables

Refer the file <u>COA</u> for DRM Column name and the Target Logical Name.

14 Dimension type – GL

Refer the file <u>GL</u> for DRM Column name and the Target Logical Name.

15 Dimension type – Organizational Unit

Refer the file Organizational Unit for DRM Column name and the Target Logical Name.

16 Dimension type – Product

Refer the file Product for DRM Column name and the Target Logical Name.

17 Pre-Requisites for Running OFSAA - DRM Data Loader DT (fn_DRMDataLoader)

Following are the pre-requisites for Running DRM Loader Batch after Populating Data into the

STG_<<Dimension>>_<B / TL / HIER / ATTR>_INTF tables:

1. Populate **STG_HIERARCHIES_INTF** table using the seeded batch <**INFODOM>_POP_DRM_STG_HIER_INTF**

Refer to the file <u>STG_HIERARCHIES_INTF</u> for example values which are getting populated in **STG_HIERARCHIES_INTF**:

2. Ensure that the **FSI_DIM_LOADER_SETUP_DETAILS** table is configured with the required entries for **STG_<<Dimension>>_<B / TL / HIER / ATTR>_INTF** Tables.

Refer to the file FSI DIM LOADER SETUP DETAILS for example values.

- 3. Ensure that the following tables have valid data according to **STG_**_INTF** tables for the look up of DRM Attributes of Accrual Basis, Account Type and Rollup Signage.
 - FSI_ACCRUAL_BASIS_CD
 - FSI_ACCRUAL_BASIS_MLS
 - FSI_ACCOUNT_TYPE_CD
 - FSI_ACCOUNT_TYPE_MLS
 - FSI_ROLLUP_SIGNAGE_CD
 - FSI_ROLLUP_SIGNAGE_MLS



Oracle Financial Services Data Integration Hub Foundation Pack Extension for Data Relationship Management Interface

User Manual

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Oracle Corporation

World Headquarters

500 Oracle Parkway

Redwood Shores, CA 94065

U.S.A.

Worldwide Inquiries:

Phone: +1.650.506.7000

Fax: +1.650.506.7200

www.oracle.com/ financial_services/

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