Oracle Financial Services Data Integration Hub Foundation Pack Extension for Oracle Flexcube Universal Banking Interface

User Manual

8.0.3.0.0

FINANCIAL SERVICES

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Preface

Audience

Following are the intended audience for the FCUBS user guide:

- 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 FCUBS 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 <u>OTN</u> documentation Library:

- Oracle Financial Services Data Integration Hub User Guide 8.0.3.0.0
- Oracle Financial Services Data Integration Hub Applications Pack Installation Guide Release 8.0.3.0.0
- Oracle Flexcube UBS-OFSAA Integration guide

Acronyms

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



Acronym	Description
ELCM	Enterprise Limits and Collateral Management
FX	Foreign Exchange
GL	General Ledger
ММ	Money Market
TD	Term Deposit
FIS	FLEXCUBE Information Server
EOFI	End of Financial Input
CD	Corporate Deposits
SR	Securities Repo and Reverse Repo
SE	Securities
ETD	Exchange Traded Derivatives
LC	Letter Of Credit
вс	Bills and Collections
DV	Derivatives
от	OTC Options
LS	Syndication Loans and Commitments
LE	Leasing
CN	Collections
RL	Retail Lending

1 Introduction to FCUBS to OFSAA Interface

1.1. Overview of DIH Interface

Data Integration Hub (DIH) enables to load the data from the source systems to the OFSAA staging tables, through logical interfaces, known as Application Data Interfaces (ADI). DIH provides a set of User Interfaces (UI), which is used to define and maintain External Data Descriptors (EDD), Application Data Interfaces, and also map the EDDs and ADIs through Connectors. The mappings can be one to one, one to many, and many-to-many.

The source systems that supply data include, the core banking systems, rating systems, modeling systems, and so on. In the absence of DIH, the data from the source systems are extracted, transformed, and loaded (ETL process) to the physical tables in Oracle Data Integrator (ODI). With DIH, the ETL activity is not replaced; but DIH serves as an abstract, logical layer to the physical tables in Oracle Data Integrator (ODI).

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 FLEXCUBE Universal Banking (FCUBS) supports the changing landscape of retail, corporate, and investment banking needs with strong transaction banking and Islamic banking capabilities.

The current FCUBS-OFSAA interfaces, transfers all key data elements across various modules within FCUBS to OFSAA Common Staging Area (CSA).

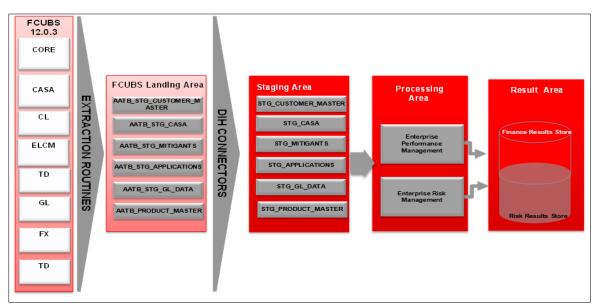
The integration between the Oracle FCUBS and the OFSAA enables the financial institutions to:

- get insight to customer patterns based on the data captured in core banking
- achieve end-to-end improvement in business delivery
- achieve effective performance and risk free management using the available customer data

This integration is achieved by handing off FCUBS core banking data with OFSAA through FLEXCUBE Information Server (FIS) and DIH.

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1.2. Data flow



The procedures are packaged within FCUBS which populates data from various tables in FCUBS to several landing area tables after execution. Essentially a 1:1 mapping is done between the landing area table (EDD) and OFSAA staging area table (ADI). Most of the calculations and transformations are done within these extraction routines. The DIH connector pulls data from the landing tables and populates the same in the staging area tables.

1.3. Integration Scope in Oracle FLEXCUBE Universal Banking System

Module	Hand off Details
Core Entities	 Customer address, phone numbers, and email IDs
	Customer education and employment details
	Customer marital status
	Customer relationship details
	Details of organizations that are the customers
	Exchange rate information
	 Details of all geographical locations and transaction channels of the bank
	 Details of the loan product category and list of all products

The following integration activities take place in Oracle FLEXCUBE Universal Banking System.



Current Account and Savings Account	 All the personal and business addresses, email IDs and phone numbers associated with an account List of branch transactions CASA account ledger and transactions on OD accounts Interest rates of CASA and OD accounts
Consumer Lending	 All the personal and business addresses, email IDs and phone numbers associated with an account Loan contract transactions details Repayment schedules of contracts like loan, mortgages, OD and credit cards
Term Deposit	Term deposit product processor and term deposit ledger table details
Enterprise Limits and Collateral Management	 Details of the collaterals submitted by the customer for various loan contracts Customer credit line details Market value and original value of the collaterals
General Ledger	 GL book parameters and the list of GL items available in FCUBS GL balance of the customer Interbank correspondent transactions of a customer
Foreign Exchange	 Forex account transaction data of a customer Foreign exchange contracts of a customer Exchange rates between two currencies
Money Market	Borrowing records of the customerMoney market transaction data
Corporate Deposits	Corporate deposit product processor and Corporate deposit ledger table details
Securities Repo and Reverse Repo	Repo and Reverse Repo record detailsRepo and Reverse Repo Transaction details
Securities	Instrument Contract Customer dataMarket Instrument Contract Data



	Instrument Market Prices
Exchange Traded Derivatives	Future Contracts Data
	Future Contracts Transaction Data
Letter Of Credit	Letter of Credit Contract Data
	Letter of Credit Transaction Data
Bills and Collections	Payment and collection details
	Bills and Collections Transaction Data
Derivatives	 Hedging Data of Forwards, Futures, Options and Swaps
	Derivatives Transaction data
OTC (Over the Counter) Options	Option Contracts data
	Option Contracts Transaction data
Syndication Loans and Commitments	Loan Write-Off and Recovery details
Leasing	Lease contract Data
Collections	Collection Data
Retail Lending	Loan Write-off and Recovery Details

1.4. Extraction Process for Tables of Flexcube Module

FIS is used as the gateway in the FCUBS - OFSAA integration. FCUBS internally uses FIS framework components to extract data and stores the data in the staging tables of FCUBS. During End of Financial Input (EOFI) batch, the module wise data in FIS are extracted to staging tables in FCUBS. FCUBS provides a control table to indicate successful data extraction. OFSAA pulls the data from the tables in FCUBS using the DIH connector. If source and target systems are in the same database, then data from source staging table are transformed and loaded to fact and dimension tables in target system using synonyms. If the source and target staging table using transportable table spaces. The transfer or extraction of data from FCUBS to OFSAA differs based on the staging tables as follows:

- Master table Incremental data between two extraction dates are transferred.
- Maintenances and contract tables Entire transaction data are transferred in each extraction.
- Transaction table Data related to the transactions created on the extraction date are transferred.

1.5. Data Transfer from FCUBS to OFSAA

The core banking data in Oracle FCUBS are transferred to OFSAA using FIS. The data in FCUBS staging tables are mapped to FIS staging table. During end of day, the core banking data are sent to FIS. OFSAA then picks the data from FIS through DIH.

For details on data transfer from FCUBS to OFSAA, refer to the attached sheet FCUBS_OFSAA_Data_Transfer_Details.xls.

The file FCUBS OFSAA data transfer details has the following details:

- Source System
- Target System
- Data Transferred
- Source System Module
- FCUBS Staging Table Name
- Extraction Package Name
- Target System Table Name
- Extraction Routine
- Data Included in the Extraction

1.6. List of Flexcube Modules

The modules used in Flexcube are as follows:

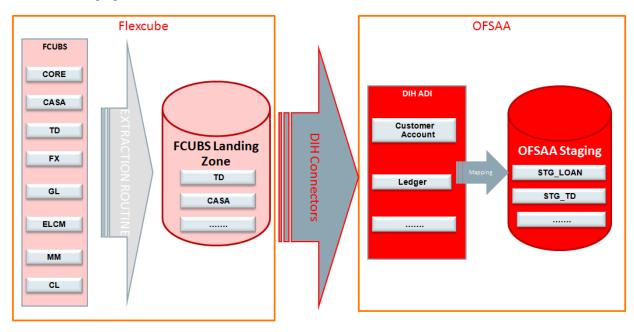
- CASA
- CL
- CORE
- ELCM
- FX
- GL
- MM
- TD
- CD
- SR
- SE
- ETD
- LC



- BC
- ED
- DV
- OT
- LS
- LE
- CN
- RL

2 Flexcube- OFSAA Interface Architecture

In this data flow environment diagram, the data is extracted from FCUBS to the FCUBS landing zone. This data, with the help of DIH Connectors, is loaded to DIH ADI which in turn is mapped to the OFSAA Staging table.



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

Seeded User Groups for OFSAA - FCUBS Interface

	lications	🔤 🔻 🔹 🔰 US-English V SYSACHAN V
System Configuration & Identity Management My Inbox	Financial Services Analytical Applications Infrastructure	
	Administration and Configuration Configure Maritals the OFSAA selep configuration details Configure Maritals the OFSAA selep configuration details Workflow & Process Orchestration Workflow and Process Orchestration	Hoentry Menagement Framework to manage fine grained user authentication and authorization security using access management constructs like passworks, user roles and functions

Identity Management



OFS DIH Foundation Pack Extension for FCUBS User Manual

User Administrator		User - U	Jser Group Ma	p		
📔 User Maintenance	User - User Group Map					
Contraction of the second seco						
Ser Group Domain Map	» Search and Filter		1			
🖓 User Group Role Map	User ID		Name			
🙀 Map User Group Folder Role					L Soften L Soften	
User Reinstate System Administrator	» User - User Group Map	1			?	1-7/7 8 8
Audit Trail Report	Be User ID	Name				
User Activity Report	GUEST	Guest Login				
User Profile Report	OFSAD	OFSAD				
Enable User	OFSAN	OFSAN				
	OFSDM					
	OFSOP	OFSOP				
	SYSADMN	System Admir				
	SYSAUTH	System Autho	orizer			
	» OF SAD					0-0/0
	A Mapped Groups				5	
		🖉 User - User Group Mapping Screen - 1	Windows Internet B	xplorer		
		» Search				
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		Members		Selec	ted Members	
		DIH Admin	-			
		DIH Data Mapping				
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		DRM Analyst		E		
		DRM Operator FAH Admin	=	E+		
				÷		
		FAH Analyst FAH Operator		-		
		FCUBS Admin		Ð		
		FCUBS Analyst		+=		
		FCUBS Operator				
		FSDF Admin FSDF Analyst	+			



	User - User	Group Map	
<u>User - User Group Map</u> > User - User	Group Map		
» Search			
» User Groups	1		
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DIH Admin	<u>^</u>	FCUBS Admin	
DIH Data Mapping			
DIH Execution			
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DRM Operator		Map	
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FAH Operator			
FCUBS Analyst	+3	1	
FCUBS Operator			
FSDF Admin	1	1	
FSDF Analyst			
FSDF Data Modeler			
FSDF Operator			
OBP Admin	*		
	OK	Close	

4 Logging into FCUBS-OFSAA Interface

Access the FCUBS-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 Flexcube Universal Banking System* from the applications drop-down list.

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

ORACLE [®] Financial Services Analytical Applicati Applications Object Administration System Configuration & Identity Management		_
and a second	ing mos	
Select Applications Financial Services Data Integration Hub	Data Integration Hub	
	Data Integration Hub	
Q, Financial Services Data Foundation Financial Services Data Integration Hub	Administration	Application Data Interface Application Data Interface
Interface for Oracle Flexcube Universal Banking System Interface for Oracle Banking Platform	Data Mapping	Orchestration Orchestration
Interface for Oracle Fusion Accounting Hub	Execution Refresh	

The FCUBS-OFSAA landing page is displayed below.



	CLE [®] Finan	cial Services Analytical Applicati	ons		_	
Applications	Object Administration	System Configuration & Identity Management	My Inbox			
Select Appl	ications					
Interface for	Oracle Flexcube Univers	al Banking System 🔻	4	Interface for Oracle Flexcube Universal Banking System		
🔺 😥 Inter	ace for Oracle Flexcube L	Jniversal Banking System		DIH Connectors for OFSAA - Oracle Flexcube Universal Banking System		
⊿ È F 0 4 № F 1 4 № C	CUBS Administration Refresh FCUBS Interfa CUBS Data Mapping External Data Descripto Connectors rchestration	09		FCUBS Administration FCUBS Administration Circhestration Orchestration	CUBS Data FCUBS Data Secution	Mapping Details
ų ų	Batch Execution Batch Scheduler Batch Monitor	A				

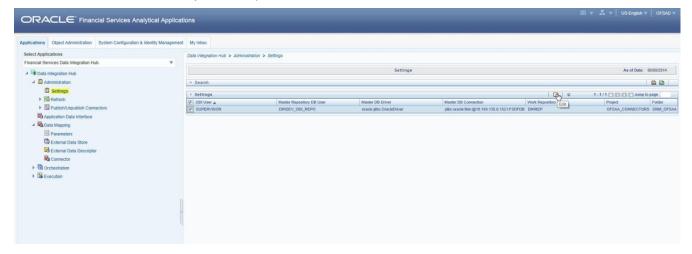
5 Prerequisites for Deploying OFSAA-FCUBS Connectors

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

- The user must be mapped to the user group **FCUBS Admin** in order to get the Refresh FCUBS 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.



3. The ODI settings screen is displayed. Update the setting information correctly before proceeding to the deployment of FCUBS 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 Repository DB Schema User Name created for ODI	DIHDEV_ODI_REPO
Master Repository DB Password	Master Repository 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:@10.184.135.6:152 1:DIHDB
Work Repository	Repository used inside ODI	DIHREP



Settings > Settings (Definition Mode) >	
☆ 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
A Draigat Cattings	
* Project Settings	
Project *	OFSAA_CONNECTORS
Folder *	FCUBS_OFSAA
Agent URL	http://10.184.203.158:6789/oraclediagent

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

	ons				8	🔻 👗 👻 US-English 👻 OFSAD 🔻
Applications Object Administration System Configuration & Identity Management	My Inbox					
Select Applications	Data Integration Hub > Data Mappin	or > External Data Store				
Financial Services Data Integration Hub						
A Data Integration Hub			External Data Store			As of Date: 08/08/2014
4 E Administration	a Search					
Settings	Name					
► 📴 Refresh						
Fublish/Unpublish Connectors	* External Data Store					1-4/4 3 8 6 1 Jump to page
Application Data Interface	Name 🛓		Туре	DB Connection	File Locatio	Status Last Modified Date Last Modified By
	DRM_SRC_FILES	Source for DRM File Load Interfaces	FILE		/ODIEESen_Edit_atch/DRM_FILES	Saved 01/22/2015 10:25:00 OFSAD
A Ba Data Mapping	FAH_STADE_SRC	Staging Source for Oracle Fusion Accounting Hub	ORACLE DB	jdbc:oracle.thin:@10.184.133.90:1521.FAH		Saved 07/13/2015 18:51:00 OFSAD
Parameters	FCUBS_STAGE_SRC	Stage Source for Flexcube Universal Banking	ORACLE DB	jdbc:oracle thin @10.184.133.90 1521 FCUBS		Saved 07/13/2015 18:50:00 OFSAD
External Data Store	OBP_STAGE_SRC	Staging Source for Oracle Banking Platform	ORACLE DB	jdbc.oracle.thin.@10.184.133.90.1521.OBP		Saved 07/13/2015 18:51:00 OFSAD
B Enternal Data Descriptor R connector 한 현 Occhestration 》 앱 Encentration						

5. Provide the details of FCUBS schema user name and password where you have the Landing Tables of FCUBS Application. Refer to DIH User manual for more details on External Data Store settings.



External Data Store > External Data Store		External Data Store
External Data Store > External Data Store	Edit Mode) >	
 External Data Store 		
tame "	FCUBS_STAGE_SRC	
Description	Stage Source for Flexcube Universal Banking	
уре *	ORACLE	
JRL *	jdbc:oracle:thin @10.184.133.90:1521:FCUBS	
Jaer ID*	FCUBS_SCHEMA	
Pasaword		

 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.

	ions	
Applications Object Administration System Configuration & Identity Management	My Inbox	
Select Applications Financial Services Data Integration Hub	Data Integration Hub > Administration > Refresh	
III Characteristics III Characteristics III Characteristics IIII Characteristics IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Refresh ADI Refresh ADI	Refresh Target Datastores Refresh Target Datastores

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



ORA						
Applications	Object Administration	System Configuration & Identity Management	My Inbox			
Select Applin Financial Ser	cations vices Data Integration Hi Integration Hub Imministration Settings Bettings I Publish Unip Links Com- plication Data Interface Ital Mapping Parameters Declemal Data Descripto Connector chestration	ub	Data Integration Hub > Administration > Refresh Administration > Refresh Refresh ADI Refresh ADI	Refresh Target Datastores Refresh Target Datastores		

6 Deploying OFSAA-FCUBS Connectors Using Refresh FCUBS Interface Menu

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

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

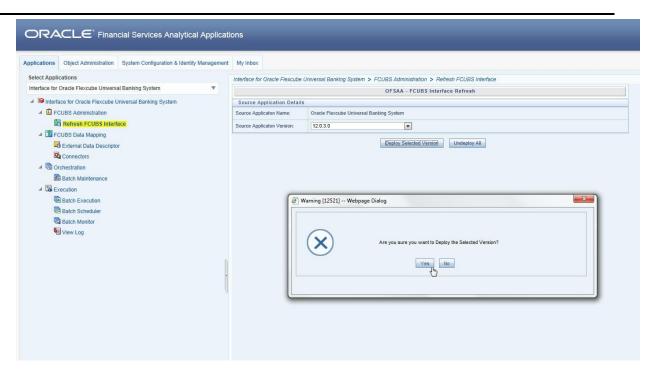
	ons
Applications Object Administration System Configuration & Identity Management Select Applications Interface for Oracle Flexcube Universal Banking System ▼	My Inbox Interface for Oracle Flexcube Universel Banking System > FCUBS Administration Image: FCUBS Administration Image: FCUBS Administration
 Interface for Oracle Flexcube Universal Banking System CUES Administration Refresh FCUBS Interface FCUES Data Mapping Factors Data Descriptor Connectors Connectors Connectors Eatch Maintenance Execution Eatch Execution Eatch Scheduler Batch Monitor Statch Monitor Statch Monitor Statch Monitor 	FCUBS Administration Refresh FCUBS Interface Deploy/Undeploy FCUBS Interface

- 3. Select the **Source App Version** (FCUBS Version 12.0.3.0) from the drop-down menu.
- 4. Click Deploy Selected Version

ORA	CLE [®] Finan	cial Services Analytical Applica	lions	
Applications Select Applic Interface for Interface for Interface for Interface Interfa	Object Administration ations Tracto Flexcube University oractor Flexcube University UBS Administration Refresh FCUBS Interfi UBS Data Mapping External Data Descripto (Connectors Chestration Batch Maintenance	System Configuration & Identity Managemen I Banking System Iniversal Banking System	i My Inbox	ame: Oracle Flexcube Universal Banking System

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.

ORACLE' Fina	ncial Services Analytical Applicati	ions	
Applications Object Administration	System Configuration & Identity Management	My Inbox	
Select Applications		Interface for Oracle Flexcube	Universal Banking System > FCUBS Administration > Refresh FCUBS Interface
Interface for Oracle Flexcube Univer	sal Banking System 🔻		OFSAA - FCUBS Interface Refresh
Interface for Oracle Flexcube	Universal Banking System	Source Application Details	
FCUBS Administration		Source Applicaton Name:	Oracle Flexcube Universal Banking System
Refresh FCUBS Inte	rface	Source Applicaton Version:	12.0.3.0
 I PCUBS Data Mapping I External Data Descrip I Connectors I I I Connectors I I I Connectors I I I I I I I I I I I I I I I I I I I	tor		Depity Selected Version Undepity AI nformation [12501] Webpage Dialog Opployment Successful Oc

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

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plications Object Administration System Configuration & Identity Management	My inbox					
select Applications	Interface for Oracle Flexcube Universal E	Sanking System > FCUBS Data Mapping > External Data	a Descriptor			
nterface for Oracle Flexcube Universal Banking System V						
19 Interface for Oracle Flexcube Universal Banking System			External Data Descri	iptor		As of Date: 08/08/2014
E FCUBS Administration	a Search					60
Refresh FCUBS Interface	External Data Store Name			Name		
	External Data Sible rvane			Name		
FCUBS Data Mapping	* External Data Descriptor					1 - 20 / 62 [] [] [] [] [] Jump to page
External Data Descriptor	Name A	Description	External Data Store Name	External Data Store Type	Status	Last Modified Date Last Modifie
Connectors W	AATB ACCOUNTING ENTRIES	FCUBS Stage table for Accounting Entries	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
4 Corchestration	AATB_ACCT_ADDRESS	FCUBS Stage table for Account Address	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
Batch Maintenance	AATB_ACCT_EMAIL_ADDR	FCUBS Stage table for Account Email Address	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
A Secution	AATB ACCT MITIGANT MAP	FCUBS Stage table for Account Mitigant Map	FCUBS STAGE SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	T AATB_ACCT_PHONE	FCUBS Stage table for Account Phone	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
Batch Execution	AATB_ACCT_STATUS_MAST	FCUBS Stage table for Account Status Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
Batch Scheduler	AATB_BORROWINGS_TXNS	FCUBS Stage table for Customer Account Borrowing T[FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
Batch Monitor	AATB_BRANCH_MAST	FCUBS Stage table for Branch Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
View Log	AATB_CASA	FCUBS Stage table for Customer Account Current and[FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CASA_TXNS	FCUBS Stage table for Customer Account Current and[FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	MATE_COLLATERAL_MAST	FCUBS Stage table for Collateral Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CONTACT_MAST	FCUBS Stage table for Contact Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_COUNTRY_MAST	FCUBS Stage table for Country Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CR_LINE_DETAILS	FCUBS Stage table for Credit Facility Details	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CR_LINE_MAST	FCUBS Stage table for Credit Facility Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
4	AATB_CR_LINE_TYPE_MAST	FCUBS Stage table for Credit Facility Type Master	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CUSTID_DOC	FCUBS Stage table for Customer Identification Docu[]	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CUST_ADDRESS	FCUBS Stage table for Customer Address	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CUST_CLSFCTN	FCUBS Stage table for Customer Classification Mast[]	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER
	AATB_CUST_COUNTRY	FCUBS Stage table for Customer Country Relation	FCUBS_STAGE_SRC	ORACLE DB	Saved	07/13/2015 19:02:00 DIHUSER

FCUBS External Data Descriptor

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	Name							
ECUBS Data Mapping	* Connectors					1 - 20 / 62 [] [] [] [] [] Jump to page		
Contract Data Descriptor	III Name A	Description	EDD	External Data Store Name	Status	Last Modified Date Last Modifie		
Connectors	Con Fix Accounting Entries		AATB ACCOUNTING ENTRIES	FCUBS STAGE SRC	Saved	07/13/2015 19:02:00 DIHUSER		
A B Orchestration	Con Fix Account Address	Connector to load Account Address	AATB ACCT ADDRESS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
Batch Maintenance	Con Fix Account Email Address		AATB ACCT EMAIL ADDR	FCUBS STAGE SRC	Saved	07/13/2015 19:02:00 DIHUSER		
A Decention	Con_Fix_Account_Mitigant_Map	Connector to load Account Mitigant Map	AATB_ACCT_MITIGANT_MAP	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Account_Phone	Connector to load Account Phone	AATE_ACCT_PHONE	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
Batch Execution	Con_Flx_Account_Status_Master	Connector to load Account Status Master	AATB_ACCT_STATUS_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
Batch Scheduler	[11] Con_Flx_Branch_Master	Connector to load Branch Master	AATB_BRANCH_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
Batch Monitor	Con_Fix_Branch_Transactions	Connector to load Branch Transactions	AATB_SRC_BRANCH_TXNS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
View Log	Con_Fix_Collaterals	Connector to load Collaterals	AATB_STAGE_COLLATERALS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Collateral_Master	Connector to load Collateral Master	AATB_COLLATERAL_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Contact_Master	Connector to load Contact Master	AATB_CONTACT_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Country_Master	Connector to load Country Master	AATB_COUNTRY_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Ftx_Cr_Facility_Details	Connector to load Gredit Facility Details	AATB_CR_LINE_DETAILS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Cr_Facility_Master	Connector to load Credit Facility Master	AATB_CR_LINE_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Fix_Cr_Facility_Type_Mast	Connector to load Credit Facility Type Master	AATB_CR_LINE_TYPE_MAST	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
4	Con_Fix_Cust_Acct_Borr	Connector to load Customer Account Borrowings	AATB_MM_BORROWINGS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Ftx_Cust_Acct_Borr_Txns	Connector to load Customer Account Transaction - B[]	AATB_BORROWINGS_TXNS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	Con_Flx_Cust_Acct_Casa	Connector to load Customer Account - Current and S[]	AATB_CASA	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		
	[7] Con Fix Cust Acct Case Txn	Connector to load Customer Account Transaction - C[]	AATB_CASA_TXNS	FCUBS_STAGE_SRC	Saved	07/13/2015 19:02:00 DIHUSER		

FCUBS Connectors

- **NOTE:** After successful deployment of connectors, while executing the connectors, some connectors may fail due to data length mismatch with the error 'ORA-01438: value larger than specified precision allowed for this column'. Correct the data model and proceed.
- **NOTE:** Some of the Packaged Data Quality checks might fail due to incorrect data flowing from Flexcube.

7 Undeploying OFSAA-FCUBS Connectors Using Refresh FCUBS Interface Menu

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

7.1 Deploying Upgraded Source Version

If there is an upgraded source application (FCUBS) 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 FCUBS connector supports FCUBS version 12.0.3.0.

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.

7.2 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.

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Select Applications Interface for Oracle Flexcube Universal Banking System Imerface for Oracle Flexcube Universal Banking System FCUBS Administration Refrest FCUBS Data Mapping	Interface for Oracle Flexcube Universal Banking System > FCUBS Administration > Refresh FCUBS Interface OFSAA - FCUBS Interface Refresh			
	Source Application Details			
	Source Applicaton Name:	Oracle Flexcube Universal Banking System		
	Source Applicaton Version:			
External Data Descriptor		Deploy Selected Version Undeploy All (h)		
Connectors				
Batch Maintenance				
Execution				
Batch Execution				
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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	My Inbox		
Select Applications Interface for Oracle Flexcube Universal Banking System	Interface for Oracle Flexcube (face for Oracle Flexcube Universal Banking System > FCUBS Administration > Refresh FCUBS Interface OFSAA - FCUBS Interface Refresh	
Imerface for Oracle Flexcube Universal Banking System ErCUBS Administration Refresh FCUBS Interface	Source Application Details Source Applicaton Name: Source Applicaton Version:	Oracle Flexcube Universal Banking System	
GUE S Data Mapping External Data Descriptor So Connectors So Connectors So Concestration Betch Maintenance So Execution		Deploy Selected Version	
 Batch Execution Batch Scheduler Batch Monitor View Log 		Arring (12522) Webpage Dialog	

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

	ons		
Applications Object Administration System Configuration & Identity Management	My Inbox		
Select Applications Interface for Oracle Flexcube Universal Banking System	Interface for Oracle Flexcube Universal Banking System > FCUBS Administration > Refresh FCUBS Interface OFSAA - FCUBS Interface Refresh Source Application Details		
	Source Applicaton Name:	Oracle Flexcube Universal Banking System	
 Refresh FCUBS Interface TCUBS Data Mapping 	Source Applicaton Version:		
External Data Descriptor Sa Connectors Sign Contestration Sa Batch Maintenance Sign Execution	Deploy Selected Version Undeploy AB		
Batch Execution	🕘 In	formation [12511] Webpage Dialog	
電 Batch Scheduler 電 Batch Monitor 幅 View Log		Successfully Undeployed All Ok	

8 CASA Module

Currents and Savings Account (CASA) is an attempt to combine savings and checking accounts to entice customers to keep their money in the banks. It is more prominent in Middle and Southeast Asia.

8.1 List of CASA Tables

For Connector: Con_Flx_Cust_Acct_Casa

The ADI is: Customer Account ADI Subtype: CASA Contracts The EDD is: AATB_CASA

For Connector: Con_Flx_Cust_Acct_OD

The ADI is Customer Account ADI Subtype: OD Accounts EDD is: AATB_OD_ACCTS

For Connector: Con_Flx_Branch_Transactions

The ADI is Branch Transactions EDD is: AATB_SRC_BRANCH_TXNS

For Connector: Con_Flx_Cust_Acct_Casa_Txn

The ADI is Customer Account Transaction ADI Subtype: CASA Transaction EDD is: AATB_CASA_TXNS

 For Connector: Con_Flx_Cust_Acct_OD_Txn The ADI is Customer Account Transaction ADI Subtype: Over Draft Accounts Transactions EDD is: AATB_OD_ACCTS_TXNS For Connector: Con_Flx_Account_Address
 The ADI is Account Address

EDD is: AATB_ACCT_ADDRESS

- For Connector: Con_Flx_Account_Email_Address
 The ADI is Account Email Address
 EDD is: AATB_STG_ACCOUNT_EMAIL_ADDR
- For Connector: Con_Flx_Account_Phone

The ADI is Account Phone EDD is: AATB_ACCT_PHONE

For Connector: Con_Flx_Account_Status_Master
 The ADI is Account Status Master
 EDD is: AATB_ACCT_STATUS_MAST

For the above connectors, refer the file <u>CASA</u> for FCUBS Column name and the Target Logical Name.

9 Consumer Lending (CL) Module

Consumer Lending is an amount of money lent to an individual (usually on a non-secured basis) for personal purpose. Consumer loans are monitored by government regulatory agencies for their compliance with consumer protection regulations such as the Truth in Lending Act.

9.1 List of CL Tables

• For Connector: Con_Flx_Cust_Acct_Loan

The ADI is Customer Account ADI Subtype: Loan Contracts EDD is: AATB_LOAN_CONTRACTS

For Connector: Con_Flx_Cust_Acct_Loan_Txn

The ADI is Customer Account Transaction ADI Subtype: Loan Contracts Transactions EDD is: AATB_LOAN_CONTRACT_TXNS

For Connector: Con_Flx_Payment_Schedule

The ADI is Payment Schedule EDD is: AATB_PAYMENT_SCHEDULE

For the above connector, refer the file <u>CL</u> for FCUBS Column name and the Target Logical Name.

10 CORE Module

10.1 List of CORE Tables

- For Connector: Con_Flx_Branch_Master
 The ADI is Branch Master
 EDD is: AATB_BRANCH_MAST
- For Connector: Con_Flx_Contact_Master
 The ADI is Contact Master
 EDD is: AATB_CONTACT_MAST
- For Connector: Con_Flx_Country_Master
 The ADI is Country Master
 EDD is: AATB_COUNTRY_MAST
- For Connector: Con_Flx_Cust_Address
 The ADI is Customer Address
 EDD is: AATB_CUST_ADDRESS
- For Connector: Con_Flx_Cust_Class_Mast
 The ADI is Customer Classification Master
 EDD is: AATB_CUST_CLSFCTN
- For Connector: Con_Flx_Cust_Country_Relation
 The ADI is Customer Country Relation
 EDD is: Customer Country Relation
- For Connector: Con_Flx_Cust_Details
 The ADI is Customer Details
 EDD is: AATB_CUST_DETAILS

For Connector: Con_Flx_Cust_Education_Master
 The ADI is Customer Education Master

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EDD is: AATB_CUST_EDUCATION

- For Connector: Con_Flx_Cust_Email_Address
 The ADI is Customer Email Address
 EDD is: AATB_CUST_EMAIL_ADD
- For Connector: Con_Flx_Cust_Emp_Type_Mast
 The ADI is Customer Employment Type Master
 EDD is: AATB_CUST_EMPLOYMENT
- For Connector: Con_Flx_Cust_Identi_Doc
 The ADI is Customer Identification Document
 EDD is: AATB_CUSTID_DOC
- For Connector: Con_Flx_Cust_Master
 The ADI is Customer Master
 EDD is: AATB_CUST_MAST
- For Connector: Con_Flx_Cust_Phone
 The ADI is Customer Phone
 EDD is: AATB_CUST_PHONE
- For Connector: Con_Flx_Cust_Relationships
 The ADI is Customer Relationships
 EDD is: AATB_CUST_RLTNSP
- For Connector: Con_Flx_Cust_To_Cust_Rel
 The ADI is Customer To Customer Relationships
 EDD is: AATB_CUST_CUST_RLTN

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For Connector: Con_Flx_Cust_Type_Master
 The ADI is Customer Type Master
 EDD is: AATB_CUST_TYPE

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- For Connector: Con_Flx_Exchange_Rates
 The ADI is Exchange Rates
 EDD is: AATB_XCHNGE_RATE_HIST
- For Connector: Con_Flx_Financial_Year_Master
 The ADI is Financial Year Master
 EDD is: AATB_FINYEAR_MAST
- For Connector: Con_Flx_Geography_Master
 The ADI is Geography Master
 EDD is: AATB_GEOGRAPHY_MAST
- For Connector: Con_Flx_Marital_Status_Master
 The ADI is Marital Status Master
 EDD is: AATB_MARITAL_STAT
- For Connector: Con_Flx_Prod_Category_Master
 The ADI is Product Category Master

EDD is: AATB_PROD_CATG_MAST

- For Connector: Con_Flx_Prod_Master
 The ADI is Product Master
 EDD is: AATB_PRODUCT_MAST
- For Connector: Con_Flx_Prod_Type_Master
 The ADI is Product Type Master
 EDD is: AATB_PRODTYPE_MAST

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For Connector: Con_Flx_Transaction_Master

The ADI is Transaction Master EDD is: AATB_TXN_MASTER

- For Connector: Con_Flx_Ircs
 The ADI is Ircs
 EDD is: AATB_IRCS
- For Connector: Con_Flx_Org_Unit_Master
 The ADI is Org Unit Master
 EDD is: AATB_ORG_UNIT_MASTER
- For Connector: Con_Flx_Payment_Schedule
 The ADI is Payment Schedule
 EDD is: AATB_PAYMENT_SCHEDULE
- For Connector: Con_Flx_Account_Address
 The ADI is Account Address
 EDD is: AATB_ACCT_ADDRESS
- For Connector: Con_Flx_Account_Email_Address
 - The ADI is Account Email Address EDD is: AATB_STG_ACCOUNT_EMAIL_ADDR
- For Connector: Con_Flx_Account_Phone
 The ADI is Account Phone
 EDD is: AATB_ACCT_PHONE
- For Connector: Con_Flx_Account_Status_Master
 The ADI is Account Status Master
 EDD is: AATB_ACCT_STATUS_MAST

For the above connectors, refer the file <u>CORE</u> for FCUBS Column name and the Target Logical Name.

11 Enterprise Limits and Collateral Management (ELCM) Module

Financial institutions face multiple challenges while assessing their exposure levels to customers, entities, or industry sectors. Moreover, the usage of multiple product processors to manage lines of businesses prevents financial institutions from gaining a consolidated view of their exposure.

Oracle FLEXCUBE ELCM integrates with the existing IT application landscape and offers you a single source for managing online, real-time exposure across the enterprise. Its process-centric architecture enables centralized collateral management, enterprise-wide limits definition, and tracking for effective exposure management as well as resource utilization.

11.1 List of ELCM Tables

For Connector: Con_Flx_Account_Mitigant_Map

The ADI is Account Mitigant Map EDD is: AATB_ACCT_MITIGANT_MAP

For Connector: Con_Flx_Collateral_Master

The ADI is Collateral Master EDD is: AATB_COLLATERAL_MAST

- For Connector: Con_Flx_Collaterals
 The ADI is Collaterals
 EDD is: AATB_STAGE_COLLATERAL
- For Connector: Con_Flx_Cr_Facility_Details
 The ADI is Credit Facility Details
 EDD is: AATB_CR_LINE_DETAILS
- For Connector: Con_Flx_Cr_Facility_Master
 The ADI is Credit Facility Master
 EDD is: AATB_CR_LINE_MAST
- For Connector: Con_Flx_Cr_Facility_Type_Mast
 The ADI is Credit Facility Type Master
 EDD is: AATB_CR_LINE_TYPE_MAST

For Connector: Con_Flx_Mitigant_Issuer_Master

The ADI is Mitigant Issuer Master EDD is: AATB_MIT_ISSUER_MAST

- For Connector: Con_Flx_Mitigant_Master
 The ADI is Mitigant Master
 EDD is: AATB_MITIGANT_MAST
- For Connector: Con_Flx_Mitigants
 The ADI is Mitigants
 EDD is: AATB_MITIGANTS

For the above connectors, refer the file <u>ELCM</u> for FCUBS Column name and the Target Logical Name.

12 Foreign Exchange (FX) module

Foreign exchange, or Forex, is the conversion of one country's currency into that of another. In a free economy, a country's currency is valued according to factors of supply and demand. In other words, a currency's value can be pegged to another country's currency, such as the U.S. dollar, or even to a basket of currencies. A country's currency value also may be fixed by the country's government. However, most countries float their currencies freely against those of other countries, which keep them in constant fluctuation.

12.1 List of FX Tables

For Connector: Con_Flx_Forward_Exch_Rates

The ADI is - Forward Exchange Rates ADI Subtype: Borrowings EDD is: AATB_FWD_EXCHG_RATES

• For Connector: - Con_Flx_Cust_Acct_FX

The ADI is Customer Account ADI Subtype: - Foreign Exchange Contracts EDD is: AATB_FX_CONTRACTS

For Connector: - Con_Flx_Cust_Acct_FX_Txn

The ADI is Customer Account Transaction ADI Subtype: - Forex Account Transaction EDD is: AATB_FOREX_TXNS

For the above connectors, refer the file <u>FX</u> for FCUBS Column name and the Target Logical Name.

13 General Ledger (GL) Module

A general ledger is a complete record of financial transactions over the life of a company. The ledger holds account information that is needed to prepare financial statements, and includes accounts for assets, liabilities, owners' equity, revenues and expenses.

13.1 List of GL Tables

For Connector: Con_Flx_Accounting_Entries

The ADI is Accounting Entries EDD is: AATB_ACCOUNTING_ENTRIES

For Connector: Con_Flx_General_Ledger_Data

The ADI is General Ledger Data EDD is: AATB_GL_DATA

For Connector: Con_Flx_General_Ledger_Master

The ADI is General Ledger Master EDD is: AATB_GL_MASTER

- For Connector: Con_Flx_GL_Book_Master
 The ADI is: GL Book Master
 EDD is: AATB_GL_BOOK_MAST
- For Connector: Con_Flx_Cust_Acct_Int_Bank_Txn The ADI is Customer Account Transaction ADI Subtype: Interbank Transactions EDD is: AATB_INTERBANK_TXNS

For the above connectors, refer the file <u>GL</u> for FCUBS Column name and the Target Logical Name.

14 Money Market (MM) Module

MM is a segment of the financial market in which financial instruments with high liquidity and very short maturities are traded. Money market securities consist of negotiable certificates of deposit, banker's acceptances, U.S. Treasury bills, commercial paper, municipal notes, federal funds, and repurchase agreements.

14.1 List of MM Tables

• For Connector: Con_Flx_Cust_Acct_Borr

The ADI is Customer Account ADI Subtype: Borrowings EDD is: AATB_MM_BORROWINGS

For Connector: Con_Flx_Cust_Acct_Borr_Txns

The ADI is Customer Account Transaction ADI Subtype: Borrowings Transaction EDD is: AATB_BORROWINGS_TXNS

- For Connector: Con_Flx_Cust_Acct_MM The ADI is Customer Account ADI Subtype: Money Market Contracts EDD is: AATB_MM_CONTRACTS
- For Connector: Con_Flx_Cust_Acct_MM_Txns

The ADI is Customer Account Transaction ADI Subtype: Money Market Transactions EDD is: AATB_MM_CONTRACTS_TXNS

For Connector: Con_Flx_Dealer_Master
 The ADI is Dealer Master
 EDD is: AATB_DEALER_MAST

For the above connectors, refer the file <u>MM</u> for FCUBS Column name and the Target Logical Name.

15 Term Deposit (TD) Module

Term Deposit is a deposit held at a financial institution that has a fixed term. These are generally short-term with maturities ranging anywhere from a month to a few years. When a term deposit is purchased, the lender (the customer) understands that the money can only be withdrawn after the term has ended or by giving a predetermined number of days notice.

15.1 List of TD Tables

• For Connector: Con_Flx_Cust_Acct_TD

The ADI is Customer Account ADI Subtype: Term Deposit EDD is: AATB_TD_CONTRACTS

For Connector: Con_Flx_Cust_Acct_TD_Txn

The ADI is Customer Account Transaction ADI Subtype: Term Deposits Transactions EDD is: AATB_TERMDEPOSITS_TXNS

For the above connector, refer the file <u>TD</u> for FCUBS Column name and the Target Logical Name.

16 Corporate Deposits (CD) Module

A Corporate deposit is an interest bearing deposit bank product offered to corporate banking customers by banks and accredited financial institutions. Corporate deposit attracts large commercial companies, public institutions, government agencies and large non profits. It contrasts to retail deposits, which are held by consumers and business deposits that are held by SMEs. Corporate banking clients may use this type of product as a cash management solution when managing the optimal mix of liquidity and returns of surplus funds as it may provide an investment stream.

16.1 List of CD Tables

For Connector: Con_Flx_Cust_Acct_TD

The ADI is Customer Account ADI Subtype: Term Deposit EDD is: AATB_TD_CONTRACTS

For Connector: Con_Flx_Cust_Acct_TD_Txn

The ADI is Customer Account Transaction ADI Subtype: Term Deposits Transactions EDD is: AATB_TERMDEPOSITS_TXNS

For the above connector, refer the file <u>CD</u> for FCUBS Column name and the Target Logical Name

17 Securities Repo and Reverse Repo (SR) Module

Repo or repurchase option is a means of short-term borrowing, wherein banks sell approved government securities to RBI and get funds in exchange.

A reverse repo transaction is when banks purchase government securities from RBI and lend money to the banking regulator, thus earning interest.

17.1 List of SR Tables

For Connector Con_Flx_Repo_Contracts

The ADI is: Customer Account ADI Subtype: Repo Contracts EDD is: AATB_REPO_CONTRACTS

For Connector Con_Flx_Repo_Contracts_Txn

The ADI is: Customer Account Transaction ADI Subtype: Repo Transactions EDD is: AATB_REPO_TRANSACTIONS

For the above connector, refer the file SR for FCUBS Column name and the Target Logical Name

18 Securities (SE) Module

A Security is a financial instrument that represents an ownership position in a publicly-traded corporation (stock), a creditor relationship with governmental body or a corporation (bond), or rights to ownership as represented by an option. A security is a fungible, negotiable, tradable financial asset that represents some type of financial value.

18.1 List of SE Tables

For Connector Con_Flx_Instrmnt_Cont_Master

The ADI is: Instrument Contract Master EDD is: AATB_INSTRMNT_CONT_MASTER

For Connector Con_Flx_Mkt_Inst_Contract

The ADI is: Market Instrument Contract ADI Subtype is : Market Instrument Contract EDD is: AATB_MKT_INST_CONTRACT

For Connector Con_Flx_Instrument_Mkt_Prices

The ADI is: Instrument Market Prices ADI Subtype is : Instrument Market Prices EDD is: AATB_INSTRUMENT_MKT_PRICES

For Connector Con_Flx_Investments

The ADI is: Customer Account ADI Subtype: Investments EDD is: AATB_INVESTMENT

For Connector Con_Flx_Investment_Txns
 The ADI is : Customer Account Transaction
 ADI Subtype : Investment Transactions
 EDD is : AATB_INVESTMENT_TXNS

For the above connector, refer the file <u>SE</u> for FCUBS Column name and the Target Logical Name

19 Exchange Traded Derivatives (ETD) Module

An Exchange Traded Derivative is a financial instrument whose value is based on the value of another asset, and that trades on a regulated exchange. Exchange traded derivatives are in contrast to over-thecounter (OTC) derivatives, in the following advantages such as standardization, liquidity and elimination of default risk. Futures and Options are two of the most popular exchange traded derivatives. These derivatives can be used to hedge exposure or speculate on financial assets such as commodities, equities, currencies, and even interest rates and so on.

19.1 List of ETD Tables

For Connector Con_Flx_Futures

The ADI is: Customer Account ADI Subtype: Futures and Forwards EDD is: AATB_FUTURES

For Connector Con_Flx_Futures_Txns

The ADI is: Customer Account Transaction ADI Subtype: Futures and Forwards Transaction EDD is: AATB_FUTURES_TXNS

- For Connector Con_Flx_Instrmnt_Cont_Master
 - The ADI is: Instrument Contract Master EDD is: AATB_INSTRMNT_CONT_MASTER
- For Connector Con_Flx_Mkt_Inst_Contract

The ADI is: Market Instrument Contract ADI Subtype: Market Instrument Contract EDD is: AATB_MKT_INST_CONTRACT

For Connector Con_Flx_Instrument_Mkt_Prices
 The ADI is: Instrument Market Prices
 ADI Subtype: Instrument Market Prices
 EDD is: AATB_INSTRUMENT_MKT_PRICES

For the above connector, refer the file ETD for FCUBS Column name and the Target Logical Name.

20 Letter of Credit (LC) Module

A letter of credit is a negotiable instrument from a bank guaranteeing that a buyer's payment to a seller will be received on time and for the correct amount. In the event that the buyer defaults, the bank will be required to cover the full or remaining amount of the purchase.

20.1 List of LC Tables

For Connector Con_Flx_Lc_Contracts

The ADI is: Customer Account ADI Subtype: Letter of Credit Contracts EDD is: AATB_LC_CONTRACTS

For Connector Con_Flx_Lc_Txns

The ADI is: Customer Account Transaction ADI Subtype: Letter Of Credit Transactions EDD is: AATB_LC_TXNS

- For Connector Con_Flx_Lc_Contract_Event
 The ADI is: Trade Finance Contract Event
 EDD is: AATB_LC_CONTRACT_EVENT
- For Connector Con_Flx_Lc_Party_Event
 The ADI is: Trade Finance Contract Event
 EDD is: AATB_LC_PARTY_EVENT
- For Connector Con_Flx_Lc_Account
 The ADI is: Trade Finance To Account
 EDD is: AATB_LC_ACCOUNT
- For Connector Con_Flx_Lc_Goods
 The ADI is : Trade Finance Good Or Service
 EDD: AATB_LC_GOOD
- For Connector: Con_Flx_Document

The ADI is Trade Finance Document EDD id : AATB_LC_DOCUMENT

For Connector Con_Flx_Guarantees
 The ADI is: Customer Account
 ADI Subtype: Guarantees
 EDD is: AATB_GUARANTEES

For the above connector, refer the file LC for FCUBS Column name and the Target Logical Name

21 Bills and Collections (BC) Module

A **Bill for Collection** is the handling of documents (financial and/or commercial) by **banks** in accordance with instructions received from the exporter in order to: Obtain payment or acceptance or. Deliver documents against payment and/or acceptance.

21.1 List of BC Tables

For Connector Con_Flx_Bc_Contracts

The ADI is: Customer Account ADI Subtype: Bills Contract EDD is: AATB_BC_CONTRACTS

For Connector Con_Flx_Bc_Contracts_Txns

The ADI is: Customer Account Transactions ADI Subtype: Bills Contract Transaction EDD is: AATB_BC_CONTRACTS_TXNS

For Connector Con_Flx_Collections
 The ADI is: Customer Account Transactions
 ADI Subtype: Bills Contract Transaction
 EDD is: AATB_COLLECTIONS

For the above connector, refer the file <u>BC</u> for FCUBS Column name and the Target Logical Name.

22 Derivatives (DV) Module

A Derivative is a contract between two or more parties based upon the asset or assets. Its value is determined by fluctuations in the underlying asset. The most common underlying assets include stocks, bonds, commodities, currencies, interest rates and market indexes. Derivatives either be traded over-the-counter (OTC) or on an exchange. Derivatives broadly constitute futures and forwards, Options and Swaps

22.1 List of DV Tables

- For Connector Con_Flx_Swap_Account_Txns
 The ADI is: Customer Account Transaction
 ADI Subtype: Swap Account Transactions
 EDD is: AATB_SWAP_ACCOUNT_TXNS
- For Connector Con_Flx_Swaps_Contracts

The ADI is: Customer Account ADI Subtype: Swaps Contracts EDD is: AATB_SWAPS_CONTRACTS

For Connector Con_Flx_Option_Contracts

The ADI is: Customer Account ADI Subtype: Option Contracts EDD is: AATB_OPTIONS

For Connector Con_Flx_Option_Cont_Txns
 The ADI is: Customer Account Transaction
 ADI Subtype: Option Contracts Transactions
 EDD is: AATB_OPTION_CONT_TXNS

For the above connector, refer the file <u>DV</u> for FCUBS Column name and the Target Logical Name.

23 Over the Counter Option (OT) Module

An option that is traded off-exchange, as opposed to a listed stock option is called an OTC Option. The OTC option has a direct link between buyer and seller, has no intervention of exchange and has no standardization of striking prices and expiration dates.

23.1 List of OT Tables

For Connector Con_Flx_Option_Contracts

The ADI is: Customer Account ADI Subtype: Option Contracts EDD is: AATB_OPTIONS

• For Connector Con_Flx_Option_Cont_Txns

The ADI is: Customer Account Transaction ADI Subtype: Option Contracts Transactions

EDD is: AATB_OPTION_CONT_TXNS

For the above connector, refer the file <u>OT</u> for FCUBS Column name and the Target Logical Name.

24 Syndication Loans and Commitments (LS) Module

A Syndication Loan is one that is dominantly provided by a group of lenders and is structured, arranged, and administered by one or several commercial banks or investment banks known as lead arrangers.

24.1 List of LS Tables

For Connector Con_Flx_Loan_WriteOff

The ADI is: Account Write Off Details ADI Subtype: Account Write Off Details

EDD is: AATB_LOAN_WRITEOFF

For Connector Con_Flx_Loan_Recovery

The ADI is: Account Recovery Details ADI Subtype: Account Recovery Details EDD is: AATB_LOAN_RECOVERY

- For Connector Con_Flx_Cust_Acct_Loan
 The ADI is Customer Account
 ADI Subtype: Loan Contracts
 EDD is: AATB_LOAN_CONTRACTS
- For Connector Con_Flx_Cust_Acct_Loan_Txn The ADI is Customer Account Transaction ADI Subtype: Loan Contracts Transactions EDD is: AATB_LOAN_CONTRACT_TXNS

For the above connector, refer the file <u>LS</u> for FCUBS Column name and the Target Logical Name.

25 Leasing (LE) Module

A Lease is a contractual arrangement calling for the lessee (user) to pay the lessor (owner) for use of an asset. Property, buildings and vehicles are common assets that are leased. Industrial or business equipment is also leased. The lessor is the legal owner of the asset; the lessee obtains the right to use the asset in return for regular rental payments.

25.1 List of LE Tables

For Connector Con_Flx_LE_Leases_Contracts
 The ADI is: Customer Account
 ADI Subtype: Leases Contract
 EDD is: AATB_LE_LEASES_CONTRACTS

For the above connector, refer the file <u>LE</u> for FCUBS Column name and the Target Logical Name.

26 Collections (CN) Module

Collection is a function of Accounts receivables. It is the recovery of cash from a business or individual with which an Invoice has been issued. Unpaid invoices are considered outstanding. Invoices are always issued with terms of payment.

26.1 List of CN Tables

For Connector Con_Flx_Collections
 The ADI is: Collections
 ADI Subtype: Collections
 EDD is: AATB_COLLECTIONS

For the above connector, refer the file <u>CN</u> for FCUBS Column name and the Target Logical Name.

27 Retail Lending (RL) Module

Retail lending is the practice of loaning money to individuals rather than institutions. Retail lending is done by banks, credit unions, and savings and loan associations. These institutions make loans for automobile purchases, home purchases, medical care, home repair, vacations, and other consumer uses.

27.1 List of RL Tables

- For Connector Con_Flx_Loan_WriteOff
 The ADI is: Account Write Off Details
 ADI Subtype: Account Write Off Details
 EDD is: AATB_LOAN_WRITEOFF
- For Connector Con_Flx_Loan_Recovery The ADI is: Account Recovery Details ADI Subtype: Account Recovery Details EDD is: AATB_LOAN_RECOVERY
- For Connector Con_Flx_Cust_Acct_Loan
 The ADI is: Customer Account
 ADI Subtype: Loan Contracts
 EDD is: AATB_LOAN_CONTRACTS
- For Connector Con_Flx_Cust_Acct_Loan_Txn

The ADI is: Customer Account Transaction ADI Subtype: Loan Contracts Transactions EDD is: AATB_LOAN_CONTRACT_TXNS

For the above connector, refer the file <u>RL</u> for FCUBS Column name and the Target Logical Name.

Oracle Financial Services Data Integration Hub Foundation Pack Extension for Oracle Flexcube Universal Banking 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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