FCUBS - RPM Integration Guide Oracle FLEXCUBE Universal Banking Release 14.4.0.1.0 Part No. F33267-01 [August] [2020]





ORACLE

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1. About this Manual

1.1 Purpose

This manual is to help with Integration of Oracle FLEXCUBE Universal Banking Retail Process Management Product with Oracle FLEXCUBE Universal Banking acting as the backend Product Processor.

1.2 Audience

This guide is primarily intended for the following user/user roles:

Table 1: Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

1.3 List of Topics

Table 2: Topics

Role	Function
Integration Guide	This chapter helps you to integrate Retail Process Management product with FLEXCUBE Universal Banking.

1.4 Acronym and Abbreviation

Following are some of the acronyms and abbreviations you are likely to find in the manual:

Table 3: Acronym

Abbreviation	Description
FCUBS	FLEXCUBE Universal Banking
RPM	Oracle FLEXCUBE Universal Banking Retail Process Management



2. Integration Guide

2.1 Introduction

You can integrate Oracle FLEXCUBE Universal Banking Retail Process Management with FLEXCUBE Universal Banking acting as the backend Product Processor. This document briefs you about the specific steps needed for integration of these two products and specific maintenances.

2.2 Pre-requisite

Specify User Id and Password, and login to FCUBS Home screen.

2.3 Maintenance for FCUBS

Gateway setup should be done in FCUBS for particular source system (RPM) by doing maintenance in the below mentioned screens.

1. CODSORCE - Upload Source Maintenance

Figure 1: Upload Source Maintenance

RACLE			Multi Factor Not Authenticated	d Dentity ENTITY_ID1	ff Branch : 000	🕑 2020-03-26 🛛 🖷 Window	ANILGRPM2	CODSORC	•
Home Interactions Next Gen UI Custom	ner Workflow Tasks	Preferences					4	F 6	
	Upload Source Mainten								
	New Copy Close	Unlock Print Enter Query							
		Source Code * RPM							
		Source Description Retail Process	Managemei om FLEXCUBE	nformation Message					
				Information Message					
		E CONTRACTOR OF CONTRACTOR	Record Successfully	Saved and Authorize	d				
							Ok		
	Maker ANIL	.G2 Da	te Time: 2020-03-26 12:55:07	Mod No	1	Record Status Ope	n		Exit
		.G2 Da	te Time: 2020-03-26 12:55:08			Authorization Status Auth			



2. CODUPLDM – Upload Source Preferences Maintenance – For modules CL and ST

Figure 2: Upload Source Preferences Maintenance

RACLE			Multi Factor Not Authenticated	Entity : ENTITY_ID1	ff Branch : 000	2020-03-26	Mindow Vindow	ANILGRPM2	CODUPLDI	•
Home Interactions Next Gen UI Customer	Workflow Tasks Preferences							4		
	Upload Source Preferences Maintenance									- >
	New Copy Close Unlock Print E	nter Query								
	Source Code *	RPM								
	Module Code *	ST								
	Error Handling			Post Upload						
	On Error *	Reject v				Status * Auth	orized 🛩			
	On Override *	Ignore 🛩	8		Pi	irge Days				
	On Repairable Exception	Reject	Information Message				v Deferred Pro			
	On Queue Exception	Reject	 Information Message 				tion Allowed	eletteu		
			Record Successfully Saved a	nd Authorized						
	Function Id Preferences					Ok	1			
	Maker ANILG2	Date	This EVENNOVED TE US TE	100 110			ord Status Ope	n		-
	Checker ANILG2	Date	Time: 2020-03-26 12:59:12			Authorizat	ion Status Auth	orized		Exit

3. GWDETSYS – External System Maintenance

Figure 3: External System Maintenance

DRACLE								Multi Factor Not Authenticated	Entity : ENTITY_ID1	1 Branch : 000	3 2020-03-26	Window Vindow	ANILGRPM2	GWDET	SY:	•
Home Ir	nteractions	Next Gen UI	Customer	Workflow	Tasks	Preferences										
				External Sys	tem Mair	Itenance										- ×
				Save												
				External S	ystem				Correlation P	attern						
						External System	• RPM			Req	quest Mess	sage ID 🛛 🛩				
						Description	RPM EXTERNAL SYSTE									
				Message E	xchange	Pattern			Queue							
						Request Message	Full Screen 🛩			Default Response Qu	ueue		P			
						Response Message	Full Screen 🐱			Dead Letter Qu			P			
							XSD Validation Require	d			Re	gister Response	Queue Message Id			
				External Sys												
				 I Of 1 	▶ ₩									+	-	22
					In Queu		Response Queue									
				MDB_Q	UEUE	MDB	QUEUE_RESPONS D									

4. GWDETFUN – External System Functions – for below function and actions.

Table 4: Function IDs

Function ID	Action
STGCUSAC	NEW
STGCUSTD	NEW
STQTDSIM	VIEW
CLGACCNT	NEW
CLGSIMNT	VIEW
CLQPRMNT	VIEW
CLVPRMNT	VIEW



Function ID	Action
STQACLIC	VIEW
STQACUVL	VIEW
STVACCLS	VIEW

Figure 4: External System Functions

ACLE		Multi Factor Not Authenticated	Entity : ENTITY_ID1 Branch : 000	🕒 2020-03-26 📲 Window 🚊 A	NILGRPM2 GWDETFUI
Home Interactions Next Gen UI Customer					< > C
	External System Functions				
	New Copy Close Print Enter Query	*			
	External System *	RPM	D	escription RPM EXTERNAL SYSTEM	
	Function *	* STGCUSAC		Bulk SMS Check	
	Action *	NEW		BUIK SMS Check	
	Service Name	FCUBSAccService			
	Operation Code	CreateCustAcc Information M	essage		
		Information	fessage		
		Record f	successfully Saved and Authorized		
			,		
				Ok	
	Fields				
	Maker ANILG2	Date Time: 2020-03-26 13:13:39	Mod No 1	Record Status Open	
	Checker ANILG2	Date Time: 2020-03-26 13:13:39		Authorization Status Authorized	

2.4 Maintenance for RPM

- 1. Maintain OBRH routing configuration in common core for FCUBS.
- 2. From Home screen navigate to left menu and click Core Maintenance.
- 3. Under Core Maintenance, click Routing Hub.
- 4. Under Routing Hub, click Service Consumers.
 - \rightarrow The **Service Consumers** screen is displayed.

Figure 5: Service Consumers





5. Click **Import** and upload the **RPM_ORIGINATION_Consumer**.json file provided in the release and click **extract**.

Figure 6: Success

Dashboard	L	Mar 26, 2020
Service Consumers		
Service Consumers	Import Service Consumer	×
Add Mark Import search search	File * RPM_ORIGINATION_Consumer.json Select Extract	
Page 1 of 0 (1 - 0 of 0 items) K < SUCC	acted successfully.	х I ок
	FCUBS 14.4	st

6. Select FCUBS 14.4 and click Import.

Figure 7: Confirmation

	血	FLEXCUBE UNIVERSAL BAN Mar 26, 2020
Service Consumers		
Service Consumers	Import Service Consumer ×	
Add import search No items to display.	File * RPM_ORIGINATION_Consumerijson Select Extract Name * IFIRMATION	×
	vant to import? Confirm	Cancel
	FCUBS 14.4	



Figure 8: RPM Origination

	Mar 26, 2020	VIELO
ervice Consumers		$_{\mu}^{\mu}$
ervice Consumers		
🕂 Add F Import search 🔍		
RPM_ORIGINATION :		
age 1 of 1 (1-1 of 1 items) K < 1 > \times		

- 7. Click **RPM_ORIGINATION**.
- 8. Under RPM_ORIGINATION, click FCUBS.

Figure 9: RPM Origination

= ORACL	_€° Dashboard	Mar 26, 202	
Service Consumers			
RPM_ORIGIN	IATION		
Service Providers	Consumer Services		
+ Add set	earch Q		
FCUBS	:		
Version 14.4 Type INTERNA Status ACTIVE	٨L		
Page 1 of 1 (1 - 1 of 1 items) K < 1 > X			

Figure 10: RPM Origination

= ORACLE	Dashboard		FLEXCUBE UNI Mar 26, 2020	VERSAL BAN	VIP
Service Consumers					e st
RPM_ORIGINATIO	ON > Service Providers > FO	CUBS 14.4			
Implementation	Implementation				
€ Add search Q					
Actions	Name	Description		Host	Port
: View	FCUBS_Default	Default Implementation		whf00alo	7403
Paç Edit	of 1 items) $K < 1 > 3$				
Delete Request Audit					
	_				

9. Click Edit.



10. Change the host and port as per the FCUBS installation and save it.

Figure 11: Edit Implementation

\equiv ORACLE [®]	Dashboard			FLEXCUBE UNIV Mar 26, 2020	ERSAL BAN	
Service Consumers						
RPM_ORIGINATIO	N > Service Provid	Edit Implementation		×		
Implementation						
Add search	٩	Name * FCUBS_Default	Default			
Actions	Name	Description *			Host	Port
:	FCUBS_Default	Default Implementation			whf00alo	7403
Dana Carlot (d. d. at	Page 1 of 1 (1 - 1 of 1 items) K < 1		Port *			
Page 1 of 1 (1-1of	r i items) K K [1]	whf00alo	7403			
		Authentication				
				Save		

The below consumer services will be imported.

Figure 12: Consumer Services

= OR	PACLE Dashboard	FLEXCUBE UNIVERSAL BAN Mar 26, 2020	VI		
Service Con	isumers		, e		
RPM_O	RIGINATION				
Service Pro	Service Providers Consumer Services				
🕂 Add	🕂 Add search 🔍				
Actions	Name	Description			
:	CASA_Account_Creation	Creation of Liability Account			
:	List_All_Loan_Products	To get List of All Loan Products			
:	TD_Simulation	Simulation for Term Deposit			
:	TD_Account_Creation	Creation of TD Account			
:	Loan_Account_Creation	Creation of Loan Account			
Page 1	of 2 (1 - 5 of 10 items) K < 1 2 > X				



Figure 13: Consumer Services

= Or	PACLE [®] Dashboard	FLEXCUBE UNIVERSAL BAN Mar 26, 2020			
Service Con	ervice Consumers				
RPM_0	RPM_ORIGINATION				
Service Providers Consumer Services					
🕂 Add	+ Add search				
Actions	Name	Description			
:	Loan_Simulation	Simulation of Loan			
:	Get_Loan_Product_Details	To Get Loan Product Details			
:	Get_Liability_Product_Details	Get Liability Product Details			
:	List_All_Liability_Products	To get All Liability Products			
:	Get_Liability_Interest_Details	Get Interest Details of Liability Product			
Page 2	of 2 (6 - 10 of 10 items) K < 1 2 > >				

