Development Workbench – Bulk Generation Oracle FLEXCUBE Investor Servicing Release 14.7.2.0.0 Part No. F75930-01 [May] [2023]





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### 1. Preface

This document describes the Bulk Generation functionality available in Oracle FLEXCUBE Development Workbench for Universal Banking and guides the developers/users to generate files for a set of radxmls at one time from Workbench.

### 1.1 <u>Audience</u>

This document is intended for FLEXCUBE Application developers/users that use Development Workbench to generate various FLEXCUBE components. Mainly used by Vercon team. To Use this manual, you need conceptual and working knowledge of the below:

Proficiency	Resources
FLEXCUBE Functional Architecture	Training programs from Oracle Financial Software Services.
FLEXCUBE Object Naming conventions	Development Overview Guide
Working Knowledge of Oracle FLEXCUBE Development Workbench for Universal Banking	User Manuals
Working knowledge of Oracle Database	Oracle Documentations
Working knowledge of PLSQL developer	Respective vendor documents
Working knowledge of PLSQL & SQL Language	Self-Acquired
Working knowledge of XML files	Self-Acquired

### 1.2 <u>Related Documents</u>

04-Development WorkBench Screen Development-I.pdf

05-Development\_WorkBench\_Screen\_Development-II.pdf

## 2. Introduction

This document contains:

- Chapter 2 , "Introduction"
- Chapter 3 , " Bulk Generation"
- Chapter 4 , "Console Log"

### 3. Bulk Generation

Oracle FLEXCUBE Universal Banking Development Workbench provide Bulk Generation (all files at one time) of both front-end and backend units for both Extensible and Non-Extensible radxmls. The Bulk Generation Screen is shown below.

ORACLE FLEXCUBE Development We	orkbench for Universal Banking	— Mozilla Firefox					-		
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Administration	Bulk Generation						- ×		
Function Generation	Source File L	ist	BROWSE	Destination Path		]			
Screen Customizer	Data XML P	ath		Source Files	Both 🗸				
Tracking Changes									
Notification Triggers	Front-End Files	System Packages	Hook Packages	Meta	Data	Others	^		
Notifications	RadXML	Main Package Spec	Kernel Package Spec	Menu Details	Label Details	Xsds			
Bulk Generation	Screen Xml	Main Package Body	Kernel Package Body	Datasource Details	Block PK Columns	Screen Html			
Excel Template Generation	System JS	Notification Triggers	Cluster Package Spec	LOV Details	Function Call Forms				
Refresh		Upload Package Spec	Cluster Package Body	Block Details	Gateway Details	Upload Table Trigger			
Block Detail Upload		Upload Package Body Java Classes	Custom Package Spec	Screen Details Amendable Details	Notification Details Function Parameters	Upload Tables Definition			
fest Case Definition		Java Classes	Custom Package Body	ELCM MetaData Class	Function Parameters	Archive Table Definition			
Runchart Definition			Summary Details						
est Case Data Upload									
reate Request									
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Runchart Execution	SI.No	File Name	Sub Folder	File Status			^		
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xecution Report									
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						Generate CI	ose	1	

Fig: Bulk generation Screen

For bulk generation user has to follow the following steps:

For non-extensible function id's (radxmls), bulk generation of front end files only are supported

#### 3.1 Source File List

User must create a **text file** containing the absolute path of the radxmls for which bulk generation has to be done.

Prepare a text file with absolute path.

If all the files are placed in one folder, dos commands (as shown below) can be used to generate the text file.

Z:\FLEXCUBE\_Kernel\FCIS\_11.4.0\MAIN>Dir/b/s\*\_RAD.xml> D:\BulkGeneration\Console.txt

📗 bulkgen.txt - Notepad	-	×
File Edit Format View Help		
<pre>p:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\soft\FRONTEND\RADXML\UTDACCLS_RAD.xml</pre>		~
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDTXN01_RAD.xml		
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDUH_RAD.xml		
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDFPMNT_RAD.xml		
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDFDRL_RAD.xml		
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDADJ02_RAD.xml		
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\Soft\FRONTEND\RADXML\UTDBRKMN_RAD.xml		

Fig: Source File list sample

#### 3.1.1 Include Call form List

If user is generating for function id's which has call forms attached to it, call form list should be included as a part of the source file list. If call form is not included generation will fail.

If units for call form files are not required to be generated, then call form paths can be prefixed with double hyphen (--). All lines starting with double hyphen (--) won't be taken up for bulk generation.

As it is difficult to search and put each callform for individual screen prepare callform list upfront and add the files to be generated at the end of callform list. Even if any of callform is repeated in generation list it won't affect the generation of that file.

**Example:** --Z:\FLEXCUBE\_Kernel\FCIS\_11.4.0\MAIN\AM\RADXML\UTCCIFND\_RAD.xml If generating complete radxmls from base line area, call form list is not required.

#### 3.2 Destination Path

Enter the absolute path where files will be generated.

This path should be in the Client Machine if Save Mode is Client; and it should refer to a path in Server if the Save Mode is Server. Zip mode is not supported for Bulk generation activity

#### 3.3 Sources Files

User has option to generate both extensible and non-extensible files

- Extensible → On selection of this option only extensible files will be considered for generation.
- Non-Extensible → On selection of this option only non-extensible files will be considered for generation.
- **Both**  $\rightarrow$  Both extensible and non-extensible gets generated.

Data XML Path Field is defunct

User has to select required files to be generated for all RADxml's. Workbench will generate the required files into respective folders.

ORACLE FLEXCUBE Development Wo	rikbench för Universal Banking -	- Mozilia Fifelox					-		×
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Administration	Bulk Generation						- ×		
Function Generation	Source File L	ist bulkgen.txt	BROWSE	Destination Path	D:\DEST	]			
	Data XML Pa	ath		Source Files	Both 🗸				
Tracking Changes									
Notification Triggers	Front-End Files	System Packages	Hook Packages	Meta	Data	Others	^		
Notifications	RadXML	Main Package Spec	Kernel Package Spec	Menu Details	Label Details	□ Xsds			
Bulk Generation	Screen Xml	Main Package Body	Kernel Package Body	Datasource Details	Block PK Columns	Screen Html			
Excel Template Generation	System JS	Notification Triggers	Cluster Package Spec	LOV Details	Function Call Forms	_			
Refresh		Upload Package Spec	Cluster Package Body	Block Details	Gateway Details	Upload Table Trigger			
Block Detail Upload		Upload Package Body	Custom Package Spec Custom Package Body	Screen Details Amendable Details	Notification Details Function Parameters	Upload Tables Definition			
Test Case Definition		Java Glasses	Call form Details	FI CM MetaData Class		Archive Table Delinition			
Runchart Definition			Summary Details						
Test Case Data Upload									
Create Request									
							$\sim$		
Runchart Execution	SI.No	File Name	Sub Folder	File Status	E.	or Description	^		
Test Case Data Bulk Upload	SI.NO	File Name	Sub Folder	File Status	En	or Description			
Execution Report									
Purge Generation									
Service Refresh									
Annotation Mapping									
Customer Landing Page									
Lov Modifier									
							~		
						Generate Ci	ose		

Fig: Bulk generation Screen after selecting required units

On successful generation of files file status will be displayed generated if success or failed for failed.

Note: No Front End units will be generated for notification and purge-entity radxmls

Information	
Information Description	Information Code
File Saved	
	Ok

#### Fig: After Successful generation

Note that the time taken for bulk generation of units depend on the number of files, number of units to be generated for each file, client and server machine configuration etc.

# 4. Log Files

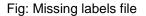
Development Workbench will generate file status log. It will be generated in the destination path.

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← → ∽ ↑ 🖡 ›	This PC > Data (D:			<u>^</u>					~	Ü	Search DEST			
temp20221118_	1231	-	Name		Date modified	Туре		Size						
temp20221118_	_1236		UT		11/28/2022 1:13	PM File fo	Ider							
temp20221118_	_1237		M bulkgen.tx		11/28/2022 12:5	8 PM TXT F	le	1 KB						
temp20221118_	_1312		USER_01_F	ILE_STATUS_LOG.txt	11/28/2022 1:15	PM TXT F	le	8 KB						
temp20221118_	_1315		WUSER_01_F	RONTEND_LOG.txt	11/28/2022 1:15	PM TXT F	le	18 KB						
temp20221118_	_													

Fig: User log files

It gives the details of all the files processed and its status as shown in the figure below

FILE NAME					STATUS
D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S D:\FCIS\SVN\FCIS_14.7.0.0.0_INNOV\S	oft\FRONTEND\RADXML\UTDFPMNT_RAD.xml	Success Success Success Success Success Success Success	ful ful ful ful ful	Generated Successful Generated Successful Generated Successful Generated Successful Generated Successful Generated Successful Generated Successful	lý ly ly ly
Total no of files		: 3135			
Total Number of Commented Files	: 3120	. 5155			
Total Number of Successfully genera Total Number of Files Failed	ted Files : 12 : 0				
Total Number of Notification Failed		ig: A Status	Log file		- 0
Total Number of Notification Failed		-	Log file		- 0
Total Number of Notification Failed	Fi	Dpen - Select all	-		- 0
V     V       Home     Share       View       Quick     Copy path       Quick     Copy Pate	Fi New item · Delete Renam Delete Renam Delete Renam Delete Renam New item · Delete Renam Properties	Dopen - Select all	-		- 0
Total Number of Notification Failed	Fi Defete Rename Organize Very New Very Construction Very Very Very Very Very Very Very Very	Copen - Select all Copen - Select none History	-	ע ט גearch UT	- 0
Total Number of Notification Failed	Fi py Delete Rename Organize Crganize Dury Delete Rename New	Copen - Select all Copen - Select none History	-		- 0
Total Number of Notification Failed       Image: Share     View       Home     Share     View       Image: Share     View     Image: Share     View       Quick     Copy path (to * to *)     Paste shortcut     Image: Share     Image: Share       Clipboard     Image: Share     View     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share       Image: Share     Image: Share     Image: Share     Image: Share     Image: Share    <	Fi py Delete Rename Organize New New New O	Open -     Git     Get     History     History     Select	on	V V Search UT	- 0
▼       UT         Home       Share       View         Home       Share       View         Quick Copy       Paste shortcut       Move Ct         Clipboard       Paste shortcut       To *         →       ↑       > This PC > Data (D;) > DEST         temp20221118_1237       0	Fi py Delete Rename New Tolder Organize New New O Cryanize New New O	Copen - C dit Kistory Date modified	on	V V Search UT	- 0
Total Number of Notification Failed         Image: Share       View         Home       Share       View         Image: Share       View       More of to	Fi Deleter Rename Organize V UT Name J S	Gpen     Select all       dt     Select none       History     Imvert selectic       Date modified     11/28/2022 1:25 PM	on Type File folder	V V Search UT	- 0
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Missing label information will also be generated for each function id for which units were generated



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