Development Workbench - Bulk Generation Oracle FLEXCUBE Universal Banking

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FINANCIAL SERVICES

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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 Audience

This document is intended for FLEXCUBE Application developers/users that use Development Workbench to generate various FLEXCUBE components. Mainly used by vercon team.

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	User Manuals
for Universal Banking	
0	
Working knowledge of Oracle Database	Oracle Documentations
Working knowledge of PLSQL	Respective vendor documents
developer	Respective vendor documents
1	
Working knowledge of PLSQL & SQL	Self Acquired
Language	
Working knowledge of XML files	Self Acquired

To Use this manual, you need conceptual and working knowledge of the below:

1.2 Related Documents

<u>Oracle FLEXCUBE Enterprise Limits and Collateral Management ODT Screen</u> <u>Development</u>

Development Workbench - Screen Development II

2. Introduction

This document contains:

- <u>Chapter 2 , "Introduction"</u>
- Chapter 3 , " Bulk Generation"
- <u>Chapter 4 , "Console Log"</u>

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.

Bu	Ik Generation						_ ×
	Source File Lis Data XML Pati		BROWSE	Destination Pa Source File		•	
	Front-End Files	System Packages	Hook Packages	Meta Data		Others	*
	RadXML Screen Xml System JS	 Main Package Body Notification Triggers Upload Package Spec Upload Package Body 	Kernel Package Spec Kernel Package Body Cluster Package Spec Cluster Package Body Custom Package Spec Custom Package Body	Datasource Details Blo LOV Details Fur Block Details Gat	ction Call Forms eway Details ification Details	Upload Table Trigger	
				Summary Details			
				- •			~
	SI.No	File Name	Sub Folder	File Statu	3	Error Description	^
							τ.
						Ge	nerate Close

Fig 3.1: 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\FCUBS_11.4.0\MAIN>Dir /b /s *_RAD.xml > D:\BulkGeneration\Console.txt

Source-files.txt - Notepad	
File Edit Format View Help	
<pre>Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CTTRIHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CTTRIHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTRFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTRTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTRTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTRTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTRTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_K</pre>	
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\LOCH_2_RAD.xml	~

Fig 3.1.1: 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.

Source-files.txt - Notepad	
File Edit Format View Help	
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCOCAAU_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCONOAU_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRFT_RAD.xml	^
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRPF_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CSCTRSFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\DACTRTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINCHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCCBRDET_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ADFWRD_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ADFWRD_RAD.xml	rr.
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDINSQ'_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDGLQRY_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDEVDRY_RAD.xml	~

Fig 3.3.1.1: Including call forms in source file list

Example: Including callform to the Source list.

--Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\AM\RADXML\AMCPRPCL_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.

Bulk Generation							_ ×
Source File Lis Data XML Pat		BROWSE	Destination Path Source Files	D:\DEST Both	•		
Front-End Files	System Packages	Hook Packages	Meta Data		Others		*
 RadXML ✓ Screen Xml ✓ System JS 	Upload Package Spec	Kernel Package Spec Kernel Package Body Cluster Package Body Cluster Package Body Custom Package Spec Custom Package Body	Block Details Gatew	PK Columns on Call Forms ay Details ation Details	Upload Table Trigger	n	*
SI.No	File Name	Sub Folder	File Status		Error Description		*
							÷
					G	enerate	Close

Fig 3.4.1: 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

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formation					×		Others		
						elails Columns	Xsds Screen Himi		
	Error Descrip	tion		rror Code		Call Forms			
!	File Saved		F	RD-VALS-00	0	r Delails Ion Delails I Paramelers	Upload Table	s Definition	
						En	ror Description		
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				× Cal		allable			
	FTDCONON_RAD.xml	FT	Not Generaled	× Cal		aliable			
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml	FT FT	Not Generaled Generaled	V Cal		aliable			
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml FTDDSHB0_RAD.xml	FT FT	Not Generaled Generaled Generaled	v Cal		allable			

Fig 3.4.2: After Successful generation

ulk Genera	tion									-
	e File List bulkgen.txt XML Path	BROWSE	Ξ		Destination Path	D:\DEST Both	_			
Data	XML Patri				Source Files	Dom	•			
Front-End	Files System Packa	ages Hook Pa	ackages		Meta Data		Oti	hers		*
RadXM		•		Menu Deta			Xsds			
Screen				Datasouro	e Details 📃 Block F	K Columns n Call Forms	Screen H	tml		
System System		age Spec 📃 Cluster P	ackage Spec ackage Body	Block Deta			Unload T	able Trigger		
		age Body 📃 Custom F		Screen De		tion Details		ables Definition		
		Custom F	ackage Body	Amendabl	e Details 🔲 Functio	n Parameters	Archive T	able Definition		
				🔲 Call form I	Details					
				Summary	Details					
										∇
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17	FTDTCONS_RAD.xml	I FT	Gene	rated 👻						
18	FTDTRAUT_RAD.xml	FT	Gene	rated 👻						
19	FTDTRONL_RAD.xml	FT	Gene	rated 👻						
20	FTDVDSPR_RAD.xml	FT	Gene	rated 👻						
21	FTNCONON_RAD.xm	l FT	Not G	enerated 🔹 👻	Notification Rad	Xml Need No	t Be Generate	d		
22	FTNPRODC_RAD.xm	I FT	Not G	enerated 🔹 👻	Notification Rad	Xml Need No	t Be Generate	d		
23	FTPCNTRCT_RAD.xn	nl FT	Not G	enerated 🚽	Purge Rad Xml 1	leed Not Be (Generated			
24	FTRACTD_RAD.xml	FT	Gene	rated 👻						
25	FTRCON_RAD.xml	FT	Gene	rated 👻						=
26	FTRPREMR_RAD.xm	I FT	Gene	rated 👻						
										-
										Ŧ
								Ge	nerate	Close
								Ge	norate	CIUSE

Fig 3.4.3: Message displayed in case of trying to generate files for notification screen

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

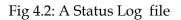
Development Workbench will generate file status log. It will be generated in the destination path.

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File	Edit	View	Favorite	s Tools	Help					
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	Details			۲	Text D	1_FRONTEND_L	OG.txt			
	Consol File Fold				<u></u> <u> </u>					

Fig 4.1: User log files

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

FILE NAME STATUS Error Description FILE NAME STATUS Error Description Stase\ MAIN\AM\RADXML\AMCCPRPCL_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMCCAONL_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMCCDEU_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMDCDEU_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMDCDEU_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMDCDEU_RAD.xml Successful Generated Successfully Sbase\ MAIN\AM\RADXML\AMDFNOAU_RAD.xml Successful Generated Successfully Stal No Of Files : 3135 : 3120 Stal No Of Successfully Generated Files : 12 : 212 : 212 : 212 Stal No Of Failed Files : 0 : 0 : 0 : 0 : 0 Stal No Successfully Generated Files	JSER01_FILE_STATUS_LOG.txt - WordPad			E
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	Total No Of Successfully Generated Files	: 12		
Field No. of Manifesterian Files	Total No Of Failed Files	: 0		
IDEAL NO OF NOTIFICATION FILES : 5	Total No Of Notification Files	: 3		
Total No Of 10.0 Files : 0	Fotal No Of 10.0 Files	: 0		



📁 D: \BulkGeneration \Console \B(
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😂 Share this folder	BCDPRMNT_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 10:57 AM				
~	BCDTRONL_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 10:59 AM				
Other Places 😵								
Details 🙁								

Fig 4.3: Missing labels file

Missing label information will also be generated for each function id for which units were generated



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