Development Workbench - Bulk Generation Oracle Banking Trade Finance Release 14.8.0.0.0 Part No. G30072-01

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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	User Manuals
FLEXCUBE Development Workbench	
for Universal Banking	
Working knowledge of Oracle Database	Oracle Documentations
Working knowledge of PLSQL	Respective vendor documents
developer	
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

04-Development WorkBench Screen Development-I.docx 05-Development WorkBench Screen Development-II.docx

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.

Data XML Pat	h	BROWSE	Destination Path Source Files	Both	•	
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		Menu Details Label De Datasource Details Block PK LOV Details Function Block Details Gateway Screen Details Notification Call form Details Summary Details	Columns Call Forms Details on Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	Ţ
SI.No	File Name	Sub Folder	File Status		Error Description	A

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\CFCTRIHG_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\CFCTRIHG_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\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\SCTNTT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\TFCTRLNK.RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\TCTCLNK.RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\TCTCLNK.RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\BrANCH\KADXML\CTCN_RAD.XmL Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\BrANCH\KADXML\CTCN_RAD.XmL Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\BrANCH\KADXML\CTCN_RAD.XmL Z:\FLEXCUBE_KERNEL\FCUBS_11.4.0\MAIN\BRANCH\KADXML\CTCN_RAD.XML\CTCN_RAD</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\FCUB5_11.4.0\MAIN\BC\RADXML\BCCOROAU_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCOROAU_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCREGAU_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCREGAU_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCTRFFT_RAD.xml	<u>^</u>
Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRPRF_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\CACTRTPT_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\DACTRTRT_RAD.xml	
Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\ISCINCHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\ISCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\TFCTRLNK_RAD.xml Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCBRDET_RAD.xml	
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\AM\RADXML\AM\DFNPRD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLOSMMSG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLOSLOSY_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLOBLOSY_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLOBLOSY_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** \rightarrow 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						_ 2
Source File L Data XML Pa		BROWSE	Destination Path Source Files	D:\DEST Both	•	
Front-End Files	System Packages	Hook Packages	Meta Data		Others	*
RadXML Screen Xml System JS	Main Package Spec Main Package Body Notification Triggers	Kernel Package Spec Kernel Package Body Cluster Package Spec		PK Columns on Call Forms	Screen Html	
		Cluster Package Body Custom Package Spec Custom Package Body	 Block Details Gatewa Screen Details Notifica Amendable Details Functio Call form Details 	tion Details	Upload Table Trigger Upload Tables Definition Archive Table Definition	I
			Summary Details			~
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

Information X Others Error Description Error Code cloumns Screen Himil Columns Columns Details Upload Table Trigger Ion Details Upload Table Definition Parameters Archive Table Definition I Parameters Archive Table Definition Parameters Error Description Image: State of the state of		urce File List buikgen M ala XML Palh	BROWSE		D	estination Path Source Files	D VOEST Bolh	•	
Ok 5		Error Descrip	tion			de	Columns Call Forms Defails Ion Defails	Xads Screen Himi Upload Table Trigger Upload Tables Definition	*
5 FTDCONAU_RAD.xml FT Generaled -						Ok	Err	or Description	*
	5	FTDCONAU_RAD.xml	FŢ	Generaled					
6 FTDCONON_RAD.xml FT Not Generated Californis Not Available	6	FTDCONON_RAD.xml	FŢ	Not Generaled	- 1	Califorms Not Av	allable		
7 FTDCXFRA_RAD.xmi FT Generaled *	7	FTDCXFRA_RAD.xmi	FT	Generaled					
8 FTDOSH80_RAD.xml FT Generaled -	8	FTDOSHBO_RAD.xml	FŢ	Generaled					
9 FTDMCKCH_RAD xml FT Generaled *	9	FTDMCKCH_RAD xml	FT	Generaled					
10 FTDMT101_RAD.xml FT Generaled +	10	FTDMT101_RAD.xml	FT	Generaled					
	14		FT	Conorolad					

Fig 3.4.2: After Successful generation

Front-End	Files Sustem Dealesses	Hook Deel			Meta Data		Others	
RadXMI	-,,,,,,,,,,,,,	Hook Pack		Menu Deta			Vsds	Î
Screen					e Details 📃 Block F		Screen Html	
System				LOV Detail		n Call Forms	_	
	Upload Package S			Block Deta		-	Upload Table Trigger	
	Upload Package Bo	ody 🔲 Custom Pac		Screen De		ition Details	Upload Tables Definition	
		Custom Fac	mage bouy	Call form E		an arameters		
				Summary [Details			
								-
16	FIDSRELA_RAD.XMI	FI	Gener	ateo 👻				
17	FTDTCONS_RAD.xml	FT	Gener	ated 👻				
18	FTDTRAUT_RAD.xml	FT	Gener	ated 👻				
19	FTDTRONL_RAD.xml	FT	Gener	ated 👻				
	FTDTRONL_RAD.xml	FT FT	Gener Gener					
20			Gener		Notification Rad	Xml Need No	t Be Generated	
19 20 21 22	FTDVDSPR_RAD.xml	FT	Gener	ated 👻	Notification Rad			
20 21	FTDVDSPR_RAD.xml	FT FT	Gener Not Ge	ated 👻		Xml Need No	t Be Generated	
20 21 22 23	FTDVDSPR_RAD.xml FTNCONON_RAD.xml FTNPRODC_RAD.xml	FT FT FT	Gener Not Ge	ated venerated v	Notification Rad	Xml Need No	t Be Generated	
20 21 22	FTDVDSPR_RAD.xml FTNCONON_RAD.xml FTNPRODC_RAD.xml FTPCNTRCT_RAD.xml	FT FT FT FT FT	Gener Not Ge	ated enerated enerated enerated ated	Notification Rad	Xml Need No	t Be Generated	E
20 21 22 23 24	FTDVDSPR_RAD.xml FTNCONON_RAD.xml FTNPRODC_RAD.xml FTPCNTRCT_RAD.xml FTRACTD_RAD.xml	FT FT FT FT FT	Gener Not Ge Not Ge Not Ge	ated enerated enerated enerated ated ated enerated e	Notification Rad	Xml Need No	t Be Generated	

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.

2	D:\BulkGeneration\Cons	ole					
F	ile Edit View Favorites	Tools	Help				
(🕤 Back 🝷 🌍 🍷 🏂	🔎 Se	arch 😥 Folders	•			
A	ddress 🗀 D:\BulkGeneration\C	onsole					💙 ラ Go
	File and Folder Tasks	۲	am 🚺			BC	
	 Make a new folder Publish this folder to the Web Share this folder 		Branch			CD	
	Other Places	۲	а		99999 == ==	USER01_FILE_STATUS_LOG.txt Text Document 2 KB	
	Details	۲	Text Docu	FRONTEND_LOG.txt			
	Console File Folder		= <u>10 KB</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			
	STAT	JS Error	Description
\Base\MAIN\AM\RADXML\AMCPRPCL RAD.xml		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMDCAOAU RAD.xml		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMDCAONL RAD.xml		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMDCDEAU RAD.xml		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMDCDEFN RAD.xml		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMDFNOAU_RAD.xml		Successful	Generated Successfully
tal No Of Files	: 3135		
tal No Of Commented Files	: 3120		
tal No Of Successfully Generated Files	: 12		
tal No Of Failed Files	: 0		
tal No Of Notification Files	: 3		
tal No Of 10.0 Files	: 0		



🚞 D: \BulkGeneration\Console\BC									
File Edit View Favorites Tools Help									
S Back - S - p - Polders :									
Address 🛅 D:\BulkGeneration\Console\BC			💌 🔁 Go						
Name 🔺	Size Type	Date Modified							
File and Folder Tasks HTML Make a new folder JS Publish this folder to the Web Web Share this folder Share this folder BCDRMNT_DESC_MISSING_LABELS.txt BCDRRMNT_DESC_MISSING_LABELS.txt	File Folder File Folder File Folder 1 KB Text Docume 1 KB Text Docume 1 KB Text Docume	nt 9/27/2011 10:57 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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