Oracle FLEXCUBE Universal Banking ® 12.87.03.0.0 Development Workbench - Bulk Generation

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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	1
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>
- <u>Chapter 3 , " Bulk Generation</u>"
- <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.

Bulk Gene	eration							_ ×
	urce File List ata XML Path		BROWSE		Destination Path Source Files	Both	•	
Front-E	End Files	System Packages	Hook Packages		Meta Data		Others	*
	een Xml		Kernel Package Spec Kernel Package Body Cluster Package Spec Cluster Package Body Custom Package Spec Custom Package Body	LOV Deta Block De Screen D Amendat	rce Details Block f ails Function tails Gatew vetails Notific ole Details Function Details	PK Columns on Call Forms ay Details ation Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	
				🔲 Summan	y Details			-
S	SI.No	File Name	Sub Folder		File Status		Error Description	^
							Ge	enerate 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_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRAFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CCTRAFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CCTRAFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CCTRAFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\DACTRTATT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\SC\RADXML\CCTRAFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\SC\SC\SL\SC\SC\SC\SC\SC\SC\SC\SC\SC\SC\SC\SC\SC\</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_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCOCAAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCORGAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRFT_RAD.xm]	^
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ECCTRPR_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\CSCTRSPT_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\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\SCINTRT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCINTRT_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCINTRT_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\SCINTRT_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLCDSWMSG_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDSWMSG_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDSWMSG_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDSUMSG_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 List bulkgen.bt BROWSE Data XML Path	Destination Path D:\DEST Source Files Both ▼
Front-End Files System Packages Hook Packages	Meta Data Others
System JS Notification Triggers Cluster Package Spec LOV Detail Upload Package Spec Cluster Package Body Block Deta Upload Package Body Custom Package Spec Screen Del Custom Package Body Custom Package Body Amendable Call form D Call form D	Details Block PK Columns Screen Html Function Call Forms Gateway Details Upload Table Trigger ils Notification Details Upload Tables Definition Details Function Parameters Archive Table Definition tails
Summary I	etails
SLNo File Name Sub Folder	File Status Error Description
	*
	Generate 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

nformation			×		
					*
			or Codo	alails 🛛 Xada (Columna 💭 Screen Himi	
File Saved	Description		vALS-00	Call Forms	
			VLS-00	Defails Upload Table Trigger Ion Defails Upload Tables Definition Parameters Archive Table Definition	
			Ŧ	Error Description	
- FTDCONAU_RAD:	xmi FT	Generaled	Ok		
FTDCONON_RAD.		Not Generalad	Califorms Not A	- aliable	
FTDCXFRA_RAD.x			- Contorrito rivere	*ansora	
FTDDSH8D_RAD:					
FTDMCKCH_RAD					
FTDMT101_RAD.xl					

Fig 3.4.2: After Successful generation

	les System Packages	Hook Packag	jes	Meta Data		Others	*
RadXML Ӯ Screen Xr Ӯ System J:		Kernel Packag Cluster Packag Cluster Packag	e Body 📄 Dataso je Spec 📄 LOV De je Body 📄 Block D ge Spec 📄 Screen	urce Details Block tails Functi letails Gatew Details Notific able Details Functi m Details	PK Columns on Call Forms ray Details ration Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	*
16	FTDSRELA_RAD.XMI	FI	Generated	▼			*
17	FTDTCONS_RAD.xml	FT	Generated	v			
18	FTDTRAUT_RAD.xml	FT	Generated	-			
19	FTDTRONL_RAD.xml	FT	Generated	-			
20	FTDVDSPR_RAD.xml	FT	Generated	-			
21	FTNCONON_RAD.xml	FT	Not Generated	 Notification Rad 	d Xml Need No	t Be Generated	
22	FTNPRODC_RAD.xml	FT	Not Generated	Notification Rad	d Xml Need No	t Be Generated	
23	FTPCNTRCT_RAD.xml	FT	Not Generated	- Purge Rad Xml	Need Not Be (Generated	
24	FTRACTD_RAD.xml	FT	Generated	_			
	FTRCON_RAD.xml	FT	Generated	-			E
25	FTRPREMR_RAD.xml	FT	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

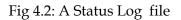
Development Workbench will generate file status log. It will be generated in the destination path.

🚞 D	:\Bulk	Gener	ation	1 <mark>\C</mark> on	sole								X
File	Edit	View	Fav	orites	Tools	Help							.
G	Back	- 6) -	Ð	🔎 Si	earch 😥	Folders	•					
Addre	ess 🔁	D:\Bulk	Gener	ation\	Console	_						✓ →	Go
F	ile and	Folder	r Tasl	cs	۲	0	AM			\sim	BC		
	Pub Wei	e a new lish this o re this fi	folder		•		Branch			0	CD		
)ther P				۲		CI	\leq			USER01_FILE_STATUS_LOG.txt Text:Document 2 KB		
	etails				۲		Text Doci	FRONTEND_LO	iG.txt				
	ile Fold						1 <u>0 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	STATU	S 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
otal No Of Files	: 3135		
'otal No Of Commented Files	: 3120		
otal No Of Successfully Generated Files	: 12		
otal No Of Failed Files	: 0		
'otal No Of Notification Files	: 3		
otal No Of 10.0 Files	: 0		



😂 D: \BulkGeneration \Console \BC					
File Edit View Favorites Tools H	lelp				
🌀 Back 🝷 🕥 🕤 🏂 🔎 Sear	ch 🍺 Folders 🛄 🕶				
Address 🛅 D:\BulkGeneration\Console\BC					💌 🄁 Go
	Name 🔺	Size	Туре	Date Modified	
File and Folder Tasks 🔕 📔	HTML		File Folder	2/8/2012 1:55 AM	
	<u>]</u> JS		File Folder	2/8/2012 1:59 AM	
Tublish this folder to the			File Folder	2/8/2012 2:00 AM	
Web	BCDAMND_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 11:05 AM	
🛛 😂 Share this folder 🛛 🖳		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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