Oracle FLEXCUBE Universal Banking ® Release 12.1.0.0.0 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 FLEXCUBE Development Workbench	User Manuals
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

<u>04-Development WorkBench Screen Development-I.docx</u> <u>05-Development WorkBench Screen Development-II.docx</u>

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.

Bulk Generation						_ ×
Source File L Data XML Pa		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		Block Details Gateway	K Columns n Call Forms y Details	Xsds Screen Html	
	Upload Package Body] Custom Package Spec] Custom Package Body	Screen Details Notificat Amendable Details Call form Details Summary Details		Upload Tables Definition	-
SI.No	File Name	Sub Folder	File Status		Error Description	^
						*
					Ge	nerate

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\BCCTRFF_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIFF_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIFA_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIFA_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIFA_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRIFA_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINCHG_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINCHG_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\TFCTRLNK_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\TFCTRLNK_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\TFCTRLNK_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CCCS_RADXML\SCISTRG_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CCCS_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCS_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCT_RAD.xm]</pre>	
	~

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\BCCORADU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCREGAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRACT_RAD.xm]	•
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRFF_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRFF_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\CSCTRFF_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CSCTRFT_RAD.xml	
z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\DACIRIJKAD.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\TFCTRLNK_RAD.xml z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\TFCTRLNK_RAD.xml	≡
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\AM\RADXML\AMDFNPRD_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDSWMSG_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDINSQY_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 Li Data XML Pai		BROWSE		ation Path urce Files	D:\DEST Both	-		
Front-End Files	System Packages	Hook Packages	Meta	Data		Others		~
I RadXML I Screen Xml I System JS		Kernel Package Spec Kernel Package Body Cluster Package Spec Cluster Package Body Custom Package Spec Custom Package Body Custom Package Body	Menu Details Datasource Details LOV Details Screen Details Amendable Details Call form Details Summary Details	Gatewa	K Columns n Call Forms y Details tion Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition		
SI.No	File Name	Sub Folder	Fil	e Status		Error Descriptio	n	*
								Ŧ
							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

	a XML Palh			Source Files	Elolh	*	
format	tion			×		Others	4
					elalis Columns	Xsds Screen Himi	
	Error Descrip	tion		r Code	Call Forms		
	File Saved		KD-V	'ALS-00		Upload Table Trigger Upload Tables Definition	
				Ŧ	Err	or Description	
				Ok			
	FTDCONAU_RAD.xml	FT	Generaled *				
	FTDCONON_RAD.xml	FT	Not Generaled *	Califorms Not A	vallable		
	FTDCXFRA_RAD.xml	FT	Generaled -				
	-						
	FTDDSH80_RAD.xml	FT	Generaled +				
		FT FT	Generaled +				
	FTDOSH80_RA0.xml						

Fig 3.4.2: After Successful generation

	Files System Packages	Hook Packag	les	Meta Data		Others	A
 RadXMI ✓ Screen ✓ System 	Xml Main Package Body JS Notification Trigger Upload Package Sp	y Kernel Package	e Body Datasci je Spec LOV Di je Body Block I ge Spec Screen ge Body Ameno Call for	ource Details Block etails Functi Details Gatew Details Notific lable Details Functi	PK Columns ion Call Forms vay Details cation Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	Ţ
ь	FIDSRELA_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	v			
21	FTNCONON_RAD.xml	FT	Not Generated	 Notification Rad 	d Xml Need Not	Be Generated	
22	FTNPRODC_RAD.xml	FT	Not Generated	 Notification Rad 	d Xml Need Not	Be Generated	
23	FTPCNTRCT_RAD.xml	FT	Not Generated	 Purge Rad Xml 	Need Not Be G	enerated	
24	FTRACTD_RAD.xml	FT	Generated	_			
25	FTRCON_RAD.xml	FT	Generated	v			E
	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

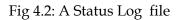
Development Workbench will generate file status log. It will be generated in the destination path.

🗀 D: \E	BulkG	ener	ation\	Con	sole								
File E	Edit	View	Favo	rites	Tools	Help							*
Э ва	ack -	e) - (Ð	🔎 s	earch 🙀		•					
Address	; 🗀 I):\Bulk	Genera	ation\(Console								💌 🄁 Go
File	and	Folder	Task	5	۲	P	AM			2	BC		
	Publis Web	h this	folder folder t			P	Branch			\sim	CD		
	Share	e this fi	older				a	_		****	USER01_FILE_STATUS_LOG.txt Text Document	>	
Oth	ner Pla	aces			۲					=	2 KB		
Det	tails				۲		Text Doci	FRONTEND_ ument	LOG.txt				
	n sole 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.xm1		Successful	Generated Successfully
\Base\MAIN\AM\RADXML\AMCFAFCL_RAD.xml		Successful	Generated Successfully
Base MAIN AM RADXML AMDCAONL RAD. XMI		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		
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					N
🌀 Back 👻 🛞 👻 🏂 Search 🜔	7 Folders				
Address 🛅 D:\BulkGeneration\Console\BC					💌 🔁 Go
Name 4	▲	Size	Туре	Date Modified	
File and Folder Tasks 🔕 🛅 HTML			File Folder	2/8/2012 1:55 AM	
Make a new folder			File Folder	2/8/2012 1:59 AM	
Tublick this folder to the			File Folder	2/8/2012 2:00 AM	
Web	IND_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 11:05 AM	
- Spare (b)s folder	RMNT_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 10:57 AM	
BCDIR	RONL_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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