Development Workbench - Bulk Generation Oracle Banking Trade Finance Release 14.7.0.0.0 [November][2022]



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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.

Source File Lis Data XML Pat		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	Kernel Package Spec Kernel Package Body Cluster Package Spec Cluster Package Body Custom Package Spec Custom Package Body	Menu Details Label De Datasource Details Block PK LOV Details Function Block Details Gateway Screen Details Notification Amendable Details Function Call form Details Summary Details	Columns Call Forms Details on Details	Xsds Screen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	Ŧ
SI.No	File Name	Sub Folder	File Status		Error Description	

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\CFCTRHF_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHG_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHG_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\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTNTFT_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CTCD_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CTCD_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\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBEK_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.XML\CTCN_RAD.Xml Z:\FLEXCUBE_KERNEN\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCN_RAD.XML\CTCN_RAD.XML\CTCN_RAD.XML\CTCN_RAD.XML\CTCN_RAD.XML\CTCN_RAD.X</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\BCCOCAAU_RAD.xml Z:\FLEXCUBE_Kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCONAAU_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\BCTRFT_RAD.xml	•
Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\BCCTRRFF_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\FCTRIHG_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\GSCTRFFT_RAD.xml Z:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\DACTRTT_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\ISCINCHG_RAD.xml	
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\ISCTXMIS_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\FFCTRLNK_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCBRDET_RAD.xml Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\AM\RADXML\AMDFNPRD_RAD.xml	
2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDSWM5G_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDINSQY_RAD.xml 2:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\CL\RADXML\CLDGLQRY_RAD.xml 2:\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** \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						_ ×
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 		Kernel Package Spec Kernel Package Body Cluster Package Spec Cluster Package Body Custor Package Spec	Block Details Gatewa	PK Columns on Call Forms	Xsds Screen Html Upload Table Trigger Upload Tables Definition	
		Custom Package Body	Amendable Details Function	on Parameters	Archive Table Definition	Ţ
SI.No	File Name	Sub Folder	File Status		Error Description	*
						Ţ
					Ge	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

ormati	ion			×	47.5579.5.4	
					alalis Xsds	
Error Description		otion	Erre	or Code 🖍	Columns Screen Himi	
	File Saved		RD-	VALS-00	Delalis Dioad Table Trigger	
					Ion Delails Upload Tables Definition	
					Paramelers Archive Table Cefinition	
					Error Description	
				-		
				Ok		
				Ok		
	FTDCONAL RACI xml	FT	Generaled	Ok		
	FTDCONAU_RAD.xml	FT		Ok Califorms Not A	zaliable	
	FTDCONON_RAD.xml	FT	Not Generalad	·	zaliable	
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml	FT FT	Not Generaled Generaled	·	rallable	
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml FTDDSH80_RAD.xml	FT FT FT	Not Generaled Generaled Generaled	·	zaliable	
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml FTDDSH80_RAD.xml FTDMCKCH_RAD.xml	FT FT FT FT	Not Generaled Generaled Generaled Generaled	·	zaliable	
	FTDCONON_RAD.xml FTDCXFRA_RAD.xml FTDDSH80_RAD.xml	FT FT FT	Not Generaled Generaled Generaled	·	zallable	

Fig 3.4.2: After Successful generation

ılk Genera	ition							-
	ce File List bulkgen.bd	BROWSE		Destination Path Source Files	D:\DEST Both	•		
Front-End	d Files System Packages	Hook Packages		Meta Data		Others		*
■ RadXM Screer System	n Xml 📄 Main Package Boo n JS 📄 Notification Trigge	ly 🔲 Kernel Package Body	LOV Details Block Details Screen Details Amendable	Details Block F Block F Block F Grundic Is Gatewa ails Notifica Details Function etails	PK Columns on Call Forms ay Details ation Details	Xsds Screen Html Upload Table Trigg Upload Tables Defin Archive Table Defin	inition	
			Summary D)etails				Ŧ
16	FIDSRELA_RAD.xml		nerated 👻					^
17	FTDTCONS_RAD.xml		nerated 👻					
18	FTDTRAUT_RAD.xml		nerated 👻					
19	FTDTRONL_RAD.xml		nerated 👻					
20	FTDVDSPR_RAD.xml		nerated 👻					
21	FTNCONON_RAD.xml		Generated 👻	Notification Rad	Xml Need No	t Be Generated		_
22	FTNPRODC_RAD.xml	FT Not	Generated 👻	Notification Rad	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 Ger	nerated 👻					
25	FTRCON_RAD.xml	FT Ger	nerated 👻					
26	FTRPREMR_RAD.xml	FT Ger	nerated 👻					
26	FTRPREMR_RAD.xml	FT Ger	nerated 👻				Generate	Close

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.

			ation\Cor						
_	Edit	View	Favorites		Help				
G	Back	- 6) - 😥	Se 🔎 Se	earch 😥 Folders	•			
Addre	ess 🔁	D:\Bulk	Generation	\Console					💌 🔁 Go
		l Folder		۲	M			вс	
4	Pub Wel		folder to th	e	Branch			СР	
0	ther P	laces		۲	а			USER01_FILE_STATU5_LOG.txt Text Document 2 KB	
D	etails			۲	USER01	_FRONTEND_LOG.txt	>		
	ile Fold				Text Do				

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	ST.	ATUS E	ror 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		
Cotal No Of Commented Files	: 3120		
otal No Of Successfully Generated Files	: 12		
Cotal No Of Failed Files	: 0		
otal No Of Notification Files	: 3		
Cotal No Of 10.0 Files	: 0		

Fig 4.2: A Status Log file

🗁 D:\BulkGeneration\Console\BC									
File Edit View Favorites Tools Help									
S Back - S - B - Search Folders									
Address 🛅 D:\BulkGeneration\Console\	BC				💌 🄁 Go				
	Name 🔺	Size	Туре	Date Modified					
File and Folder Tasks 🔹	C HTML		File Folder	2/8/2012 1:55 AM					
🤭 Make a new folder	🚞 JS		File Folder	2/8/2012 1:59 AM					
Publish this folder to the			File Folder	2/8/2012 2:00 AM					
Web	BCDAMIND_DESC_MISSING_LABELS.txt	1 KB	Text Document	9/27/2011 11:05 AM					
🔛 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



Development Workbench- Bulk Generation

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