Development Workbench – Bulk Generation Oracle FLEXCUBE Investor Servicing Release 14.0.0.00 [May] [2018]





Table of Contents

1. Preface	3
1.1 Audience	3
1.2 Related Documents	3
2. Introduction	4
3. Bulk Generation	
3.1 Source File List	5
3.1.1 Include Call form List	5
3.2 Destination Path	
3.3 Source File Location Error! B	ookmark not defined.
3.4 Sources Files	
4. Log Files	9

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

<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 Lis Data XML Pat		BROWSE	Destination Path Source Files Both	Ŧ	
Front-End Files	System Packages	Hook Packages	Meta Data	Others	~
RadXML	Main Package Body K Notification Triggers C Upload Package Spec C Upload Package Body C	ernel Package Body luster Package Spec luster Package Body ustom Package Spec ustom Package Body 	Menu Details Label Details Datasource Details Block PK Colu LOV Details Function Call I Block Details Gateway Details Screen Details Notification Details Amendable Details Function Paral Call form Details Summary Details	Forms Ils Upload Table Trigger etails Upload Tables Definition	, T
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\BCCTRFFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHG_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CFCTRHTT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\CSCTRSFT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\SCTNFTT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\BC\RADXML\ISCINTRT_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\CTCL_RAD.xm] Z:\FLEXCUBE_KErne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm] Z:\FLEXCUBE_KERNE]\FCUBS_11.4.0\MAIN\Branch\RADXML\CTCL_RAD.xm]</pre>	
<pre>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\ISCTNTRT_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\GCCBRDET_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\GCCBRDET_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\GCCBRDET_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\GCCBRDET_RAD.xml Z:\FLEXCUBE_kernel\FCUBS_11.4.0\MAIN\BC\RADXML\CCCS_1_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</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]\FCUB5_11.4.0\MAIN\BC\RADXML\BCCORAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUB5_11.4.0\MAIN\BC\RADXML\BCCONOAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUB5_11.4.0\MAIN\BC\RADXML\BCCREGAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUB5_11.4.0\MAIN\BC\RADXML\BCCREGAU_RAD.xm] Z:\FLEXCUBE_Kerne]\FCUB5_11.4.0\MAIN\BC\RADXML\BCTRFT_RAD.xm]	~
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\BC\RADXML\BCCTRRF_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\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:\LEXCUBE_kernel\FCUB5_11.4.0\MAIN\BC\RADXML\ISCTXMIS_RAD.xml Z:\LEXCUBE_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\FCUB5_11.4.0\MAIN\AM\RADXML\AMDFNPR_RAD.xml 2:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\CL\RADXML\CLDINSG_RAD.xml 2:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\CL\RADXML\CLDINSG_RAD.xml 2:\FLEXCUBE_kernel\FCUB5_11.4.0\MAIN\CL\RADXML\CLDINSG_RAD.xml	3
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** \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 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

	iles System Packages	Hook Package	es	Meta Data		Others	*
RadXML ✓ Screen X ✓ System J	(ml Main Package Body JS Notification Triggers Upload Package Sp	Kernel Package	Body Datasou e Spec LOV Def e Body Block D ge Spec Screen	rrce Details Block F ails Functio etails Gatewa Details Notifica ble Details Functio n Details	PK Columns on Call Forms ay Details ation Details	Xsds Creen Html Upload Table Trigger Upload Tables Definition Archive Table Definition	
ь	FIDSRELA_RAD.XMI	FI	Generated	×			
17	FTDTCONS_RAD.xml	FT	Generated	•			
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 	Xml Need Not	Be Generated	
22	FTNPRODC_RAD.xml	FT	Not Generated	 Notification Rad 	Xml Need Not	Be Generated	
23	FTPCNTRCT_RAD.xml	FT	Not Generated	- Purge Rad Xml 1	Need Not Be G	Generated	
24	FTRACTD_RAD.xml	FT	Generated	-			
25	FTRCON_RAD.xml	FT	Generated	-			
	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

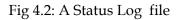
Development Workbench will generate file status log. It will be generated in the destination path.

🚞 D	:\Bull	Gener	ation	n\Con	sole							
File	Edit	View	Fav	orites	Tools	Help						.
G) Back	- 6) -	Ð	🔎 Si	earch 🛛 🍺 Folder	•					
Addr	ess 🗲) D:\Bull	Genei	ration\	Console							🗸 🄁 Go
F	ile and	l Folde	r Tasl	ks	۲	MA			2	BC		
	S Pub We	ke a nev Ilish this b Ire this f	folder			Branch				CD		
	Other F				۲	р	\leq		22222 11 11 11	USER01_FILE_STATUS_LOG.txt Text Document 2 KB	•	
)etails				۲	Text D	_FRONTEND	LOG.txt				
	C onsol File Folc					= <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

Image: Solution of the second state of the second	STATU	JS Error Successful Successful	Description Generated Successfully
\Base\MAIN\AM\RADXML\AMCPRPCL_RAD.xm1 \Base\MAIN\AM\RADXML\AMCCAOAU_RAD.xm1 \Base\MAIN\AM\RADXML\AMDCAOAU_RAD.xm1 \Base\MAIN\AM\RADXML\AMDCAONL_RAD.xm1	STATU	Successful	
\Base\MAIN\AM\RADXML\AMDCAOAU_RAD.xm1 \Base\MAIN\AM\RADXML\AMDCAONL_RAD.xm1			Generated Successfully
\Base\MAIN\AM\RADXML\AMDCAONL_RAD.xml		Successful	
		JUCCEBBIUI	Generated Successfully
\Base\MAIN\AM\RADXML\AMDCDEAU RAD.xml		Successful	Generated Successfully
		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	
🚱 Back 👻 🌍 👻 🏂 Search 🎼 Folders 🛄 •	
Address 🛅 D:\BulkGeneration\Console\BC	💌 🍉 Go
Name A	Size Type 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
Publish this folder to the	File Folder 2/8/2012 2:00 AM
Web	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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