# **Oracle FLEXCUBE Universal Banking ® 12.87.03.0.0 Development Workbench - Source Upgrade**

June 2017



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## 1 Preface

This document describes the Refresh functionality available in Oracle FLEXCUBE Development Workbench for Universal Banking and guides the developers on how to use this feature

#### 1.1 Audience

This document is intended for FLEXCUBE Application developers/users that use Development Workbench to develop various FLEXCUBE components.

To Use this manual, you need conceptual and working knowledge of the below:

Proficiency	Resources
FLEXCUBE Functional Architecture	Training programs from Oracle
	Financial Software Services.
FLEXCUBE Technical Architecture	Training programs from Oracle
	Financial Software Services.
FLEXCUBE Object Naming conventions	Development Overview Guide
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations
Working knowledge of PLSQL & SQL Language	Self Acquired
Working knowledge of XML files	Self Acquired

#### 1.2 Related Documents

05-Development\_WorkBench\_Screen\_Development-II.docx 14-Development\_of\_Online\_Forms.docx 15-Development\_of\_Call\_Form.docx 16-Development\_of\_Launch\_Forms\_and\_Others\_Screens.docx 12-Child\_and\_ScreenChilds\_Concept\_and\_Design.docx

# 2 Introduction

#### 2.1 How to use this Guide

The information in this document includes:

- <u>Chapter 2 , "Introduction"</u>
- <u>Chapter 3</u>, "Overview of Refresh Functionality in Oracle FLEXCUBE Development Workbench"
- Chapter 4 , "Child Refresh"
- <u>Chapter 5</u>, "Screen Child Refresh"
- <u>Chapter 6 , "Source Refresh"</u>

# **3** Overview of Refresh functionality in Oracle FLEXCUBE Development Workbench

Refresh Functionality allows us to upgrade the existing radxml to its later version keeping the *sub version* specific changes intact. Three kinds of refresh can done using the Tool.

- 1) Child Refresh
- 2) Screen Child Refresh
- 3) Source Refresh

# 4 Child Refresh

Child Refresh allows the developer to upgrade a child radxml with its latest parent radxml .In doing so; the latest changes done in parent functionId would be reflected in the child functionId while retaining all the changes done in the child level

- This process is to be done within a release. i.e. child functionId has to be refreshed it's the parent function\_id from the same release
- It is recommended that this process is done before development cut of the release for all child radxmls within a release. For instance; if development has happened parallel for a child and parent functionId during a release, child refresh should be done before base lining so that child and parent record types are consistent
- All the system units need to be regenerated after Child Refresh. A thorough unit testing is recommended after deployment of all generated units

#### 4.1 Process Steps

Child Refresh process is explained taking two hypothetical functionIds , STDCIFD and as example

STDCIFD - Parent Screen STDCIFDC - Child Screen

Click on Refresh Node from Development Workbench landing page .



The following window will be launched

ORACLE FLEXCUBE Development Workben	<mark>ich for</mark> Universal Banking - Windows Internet Ex	plorer			-	
	ment Workbench for Universal Banking				I	DEMOUSER
Browser +				Windo	ws Opti	ons Sign Out
Browser -	Refresh Source Release Type Refresh Type Child Refresh Source Refresh Child Refresh Source Refresh Child Refresh Source Refresh Child Refresh	resh Sub Folder	Base File List Base Release Type KEF File Status	Error Description	- ×	ons Sign Out

Fig 4.1.2: Workbench Refresh Screen

Source File List: Browse and select the text file containing source file list.

ORACLE FLEXCUBE	evelopment Workbench for Universal Banking					EMOUSER
Browser -					Windows Option	ns Sign Out
Administration     Function Generation     Screen Customizer     Tracking Changes     Notifications     Notifications	Refresh Refree Eile Flet	BROWSE	Base File Lisi Base Release Type KERNEI	BROWSE	_ ×	
Euk Ceneration     Excel Template Generation     Refresh     Web Sevices     Purge Generation	Upload File	Browse	File Status	File Status Error Description		
	Organize 🔻 New folder					
	odt_11_4     ODT_SOURCE     ODT_SVN     ODT11_4     piSQL     preshant     Preferences     RAD_WASTE	Name SOURCE.txt STDCIFDC_RAD.xml	Date modified Ty 9/4/2013 3:43 PM Te 9/4/2013 3:25 PM XM	rpe Size ext Document 1 H ML File 27 H	КВ	

Fig 4.1.3: Selecting source file list text file for Child Refresh

Source File list is a text file which contains the absolute path of all the child radxmls to be refreshed.

Notepad++ - D:\REFRESH\SOURCE\SOURCE.txt	
File Edit Search View Format Language Settings Macro Run TextFX Plugins Window ?	Х
🕞 🗁 🖶 🖻 💫 🔏 🐚 🐚 Þ 😋 🏙 🦕 🔍 😒 📴 🔤 💷 🧵 💽 🗉 🕒 💌 🔤 💉 H 🎼	
🔚 details 🔚 doc.bt 🔚 RadSmdradsc.js 🔚 search.bt 🔚 2oldXML.xsl 🔚 BASE 🔚 SOURCE. 🔚 SOURCE.bt	
1 D:\REFRESH\SOURCE\STDCIFDC_RAD.xml	

Fig 4.1.4: Content of source.txt file

The figure above shows the content of the source.txt file .Here STDCIFDS is the child radxml which has to be refreshed.

If child refresh of more than one functionId is required, absolute path of each child radxmls has to be specified; each in a new line

Base File List: Browse and select the text file containing base file list

ORACLE FLEXCUBE	Development Workbench for Universal E	Banking						DEI	MOUSER
Browser -						Wind	lows	Options	Sign Out
Administration     Function Generation     Screen Customizer     Tracking Changes     Notification Triggers	Refresh Source File Ltst SOU Upload	RCE.txt	BROWSE	Base File List BA Base Release Type KE	SE.txt RNEL *	BROWSE	MARK	×	
<ul> <li>Nouncauons</li> <li>Buik Generation</li> <li>Excel Template Generation</li> <li>Refresh</li> <li>We Sevices</li> <li>Purge Generation</li> </ul>	y Upload File		Browse	File Status	Error De	escription	1		
	Choose File to Upload	(D:) ▶ F	RADTOOL > REFRESH > BASE >		• i3	Search BASE 8☷ ▼		×	
	ODT_SOURCE  ODT_SVN  ODT_1.4  plSQL  prashant  Preferences  RAD_WASTE  RADTOOL	·	Name CUSTOM12 KER122 MY1 BASE.txt STDCIFD_RAD.xml	Date modified 9/4/2013 5:58 PM 9/4/2013 5:59 PM 9/4/2013 5:17 PM 9/4/2013 3:43 PM 9/4/2013 1:36 PM	Type File folder File folder File folder Text Document XML File	Size 1 KB 35 KB			
	INC INC ISS ISS IBLXML AD_OP_FTVKK RAD_OP_FTVKK REFRESH REFRESH BASE								

Fig 4.1.5: Selecting base file list text file for Child Refresh

Base File list is a text file which contains the absolute path of all the parent radxmls to be refreshed (here STDCIFD is the parent radxml)

If child refresh of more than one functionId is required, absolute path of each parent radxmls has to be specified; each in a new line

Notepad++ - D:\REFRESH\BASE\BASE.txt	
File Edit Search View Format Language Settings Macro Run TextFX Plugins Window ?	Х
📇 details 🔚 doc.bt 🔚 RadSmdradsc.js 📑 search.bt 🔚 2oldXMLxsl 🔚 BASE 🔚 SOURCE 🔚 SOURCE.bt 🖶 BASE.bt	
1 D:\REFRESH\SOURCE\STDCIFD_RAD.xml	



**File Location:** Choose file location as client if the path provided is in the client machine . **Refresh Type:** Choose Refresh type as Child Refresh

Source Release type and base release type will be disabled for child refresh as the release type of both parent and child is assumed to be same .

Click on Refresh button on lower left portion of the screen and wait for the system to do the process.

Process time will vary depending on the number of files provided, size of each files etc

🗉 🚞 Administration	Refresh							
Function Generation				PROWOF		PLOS LL	1	
Screen Customizer	Source	File List	SUURCE.IXI	BROWSE	Base File L	ist BASE.txt BROWSE	1	
🗉 🛄 Tracking Changes	Source Relea	ise Type	KERNEL -		Base Release Ty	pe KERNEL -		
Notification Triggers	Refre	sh Type	Child Refresh	•				
Notifications								
Bulk Generation								
Excel Template Generation								
Refresh	SI.NO		File Name	Sub Folder	File Status	Error Description		
Web Sevices	1	STDCIF	DC_RAD.xml	REFRESH	Refreshed -			
Purge Generation								
							-	
						Refrest	Close	

Fig 4.1.7: File Status after Refresh

After Completion of the process, status will be shown in the screen. File status will be successful if refresh is successful.

Save Mode should be either Client Path or Save path for Refresh activity. Zip mode is not supported. Files will be generated in the Work Directory specified.

#### **Generated Files:**

 Refreshed Radxml :A folder named RADXML will be created within the source file path which will contain refreshed files for the particular source(child) radxml. For instance, if source file path is D:\REFRESH\SOURCE\ STDCIFD\_RAD.xml;

refreshed file can be found at D:\REFRESH\SOURCE\RADXML\ STDCIFD\_RAD.xml

For child refresh of multiple files, it is recommended to place all source radxmls in one folder so that generated files could be found at a single location

2) Log Files : Following log files will be generated

i)Refresh Log : This contains the status of all the files refreshed.ii)Refresh Report : This file can be used for troubleshooting .

### 4.2 Functionality Demonstration

In the above Child Refresh process, STDCIFDS is refreshed with the latest STDCIFD.

The figure below shows the preview of STDCIFD and STDCIFDC main screens before refresh

Function Generation		🔶 Main									×			X
		🖹 New 🦻 Er	iter Query										🗏 7 🌾	3 🛶
Act Function Save XML P	ion Load	с	ustomer No Name Type Address								iar Jdi	ice ♥ ▼ I ♥		
Search													- 🔊 🗖	6) /
Preferences		MIS   Chang	e Log											
ListOfValues     DataBlocks		N Che	laker ecker		Date	lime:								
Screens					Date	Time:					Exit			
E FieldSels		Мо	d No		Record S	tatus								
FST_CUST1					Authonzation S	lalus							+ -	
CaliForms		E AIG	оппентляное	3001	CE DIOCK	Source n	eiu	Augument volue	10	argeroioca	terget	Field	Active	
Summary														

Fig 4.2.1: STDCIFD screen before changes

Function Generation	♦ Main		×
	E New P Enter Query		🔳 🖗 🗐 🔿
Action Load + Function Id STDCIFDC Save XML Path STDCIFDC_R Search	Customer No <sup>(2)</sup> Name Address Type Individual Corporate Country	ance V	- 10 10 10
Proferences DataSource DataSource DataSource DataSource DataBlocks DataBlock	Maker Date Time: Checker Date Time: Mod No Record Status Authorization Status		+ -
FST_CUST2	Argument Name Source Block Source Held Argument Value Larget Block Large	at Field Ac	tive *
CallForms CallFo			

Fig 4.2.2: STDCIFDC screen before refresh

From the screen preview it can be noted that in the child screen many changes has been done which had resulted in a very different layout. Many field sets which were part of the parent screen has been made hidden and new field sets containing new fields has been introduced in the child screen.

Now we load STDCIFD in Workbench in the current release and made some modifications to it as required. A new field COUNTRY AND NATION have been introduced

Preview of STDCIFD after the modifications is shown below. Note the newly added field highlighted.



Fig 4.2.3: STDCIFD screen after modifications

Child Refresh of STDCIFDC is done as explained in previous section.

The system units(main packages, language xml.sys js ,xsd's etc) are regenerated by loading the refreshed radxml and deployed .All the units need to be regenerated. Preview of STDCIFDC main screen after refresh is shown below

🔶 Main			×
🗗 New 🦻 Enter Query			
Customer No Address Type Country	Individual     Corporate	Name Language	
MIS			<b></b>
Maker Checker Mod No	Date Time: Date Time: Record Status Authorization Status	I	Exit

Fig 4.2.4: STDCIFDC main screen after child refresh

Here we can find that the field added in parent screen has come in the child screen as well. Meanwhile ,other differences we have noticed between the initial parent and child screens has not come up as they were over ridden in the child functionId.

Hence we find that the changes done in the parent has come up in the child while retaining the changes done in the child .Note that only screen layout changes has been explained in this demonstration for ease of understandability ;this is applicable for all nodes(e.g.: cal form, launch form, lovs etc)

# 5 Screen Child Refresh

Screen Child Refresh allows the developer to upgrade a screen child radxml with its latest parent radxml .In doing so; the latest changes done in parent functionId would be reflected in the screen child functionId while retaining all the changes done in the screen child level

- This process is to be done within a release. i.e. screen child functionId has to be refreshed with its parent functionId from the same release
- If the parent functionId of the screen child is a child screen ,then it is recommended that child refresh of that screen to be carried out before doing screen child refresh
- It is recommended that this process is done before development cut of the release for all child radxmls within a release. For instance; if development has happened parallel for a screen child and its parent functionId during a release, screen child refresh should be done before base lining so that screen child and parent record types are consistent

• All the system units need to be regenerated after Screen Child Refresh. A thorough unit testing is recommended after deployment of all generated units. Note that only frontend units will be generated for a screen child functionId.

#### 5.1 Process Steps

For explanation purpose two dummy functionId's has been used : STDCIFD: parent screen STDCIFDC: screen child of STDCIFD

Process steps are similar to child refresh. Refer section 4.2 for more detailed explanation

In the Refresh Page, provide input to fields as: **Source File List:** Browse and select the text file containing source file list

Source File list is a text file which contains the absolute path of all the screen child radxmls to be refreshed.



Fig 5.1.1: Content of source.txt file

The figure above shows the content of the source.txt file .Here STDCIFDS is the screen child radxml which has to be refreshed.

If screen child refresh of more than one functionId is required, absolute path of each screen child radxmls has to be specified; each in a new line

Base File List: Browse and select the text file containing base file list

Base File list is a text file which contains the absolute path of all the parent radxmls to be refreshed (here STDCIFD is the parent radxml)

If screen child refresh of more than one functionId is required, absolute path of each parent radxmls has to be specified; each in a new line



Fig 5.1.2: Content of base.txt file

**File Location:** Choose file location as client if the path provided is in the client machine. **Refresh Type:** Choose Refresh type as Screen Child Refresh Source Release type and base release type will be disabled for Screen child refresh as the release type of both parent and child is assumed to be same.

Click on Refresh button.

After Completion of the process, status will be shown in the screen. File status will be successful for refresh is successful.

🗉 🚞 Administration	Refresh					_ ×
Function Generation     Screen Customizer     Tracking Changes     Notification Triggers     Notifications     Hotifications	Source Source Relea Refre	File List SOURCE.bt Ise Type KERNEL * Ish Type Screen Child Refree	BROWSE	Base File List Base Release Type	BASE.txt BROWSE	
Excel Template Generation	SI.No	File Name	Sub Folder	File Status	Error Description	*
Refresh     Web Sevices	1	STDCIFDC_RAD.xml	REFRESH	Refreshed -		
					Refresh	Close

Fig 5.1.3: File Status after Screen Child Refresh

After Completion of the process, status will be shown in the screen. File status will be successful if refresh is successful.

#### 5.2 Functionality Demonstration

In the above Child Refresh process, STDCIFDC is refreshed with the latest STDCIFD.

The figure below shows the preview of STDCIFD and STDCIFDC main screens before screen child refresh

Function Generation		178		-	X
Action Load - Function Id STDCIFD Save XML Pain STDCIFD_RA	Function Type Parent - Function Calegory Maintenan Parent Function Header Template None ROWSE Parent Xryl Fooler Template Maint Audi	Leil co v T			\$
Search	Screen Details			U 🖾 🧐	1
Preferances DataSource ListOfValues Screens Screens Actions CallForms LaunchForms Summary	Screen Name CVS_MAIN Screen Title Main CvS_MAIN Core Title Main  Main  Main  Main  Main  Customer No Name Type Address  Customer No Relation  Customer No Relation	reld	Active	•	
	MIS   Change Log Maker Date Time: Checker Date Time: Mod No Record Status				

Fig 5.2.1: Preview of STDCIFD before changes

Function Generation								_ ×
							× 🗉 🕯	3 🌒 🔿
Action New   Function Id STDCIFDC Save XML Path		Function Type Screen Parent Function STOCIF Parent Xml STDCIF	Child  Ch		Function Calegory Mainle Header Templale None Fooler Template Maint	enance 👻 V Audit V		
Search	Screen Details							🔯 🗳 🔥
<ul> <li>DataBlocks</li> <li>BLX_CUSTOMER</li> <li>BLX_CROUP</li> <li>Screens</li> <li>CVS_MAIN</li> <li>HEADER</li> <li>BODY</li> <li>TAB_MAIN</li> <li>SEC_CUST</li> <li>SEC_GROUP</li> <li>ForTER</li> <li>FieldSets</li> <li>FST_CUST1</li> <li>FST_CUST2</li> <li>FST_CUST3</li> <li>Actions</li> </ul>	Screen Name	KS_MAIN AIR Go to Pane Customer No	Relation	i Main Sαreen Visihia Country		rget Field	4 Active	1
	•		III					
	MIS   Change Log Maker	Dat	te Time:		<b>•</b>			÷
	Checker Mod No	Dat Record Authorization	le Time: d Status n Status		Exit			

Fig 5.2.2: Preview of STDCIFDC before screen child refresh

Let us assume that some changes are done in STDCIFD as part of the current release. New field has been added and introduced in the screen. Preview of STDCIFD main screen after changes is shown below

Find the newly added fields (Nationality and Language) placed in a new field set highlighted in the figure

Function Generation					×
Action Load  Function Id STDC/FD Save XML Path STDC/FD_RAI		Function Type Farent		Function Calegory Mainlenance Header Tempiale None 👻 Fooler Tempiate Maint Audit	
Search	Scroon Dotaile			×	- 🛛 🗖 🦃 🤺
Preferences  DataSource  ListOfValues  DataBlocks  Creens  CVS_MAIN	Reversion Customer No Customer No Name Type Address		Nationality Language		
Fredesels FST_CUST1 FST_CUST2 FST_CUST4 Actions CaliForms	Group Id	Costo Page Customer No Relation		+ - III Arget Fiel	d Active
🔜 Launchroims		m			
	MIS   Change Log Maker Checker	Date Time: Date Time:			
	Mod No	Record Status Authorization Status		Exit	v



Do screen Child Refresh for STDCIFDC with the latest parent (i.e. STDCIFD with new fields and field set). Regenerate system units for the refreshed radxml and deploy .

unction Generation			-
			V 🧃
Action Load	Function Type Screen Child -	Function Category Maintenance	
Function Id STDCIFDC	Parent Function STDCIFD	Header Template None 🔻	
Save XML Path D:\RADTOOL\	Parent Xml	Footer Template Maint Audit 👻	
Search	Screen Details	-	M 📮 🌍
DataBlocks	Screen Name CVS_MAIN	V Main Screen	
Screens	Screen Title Main	Visible	
CVS_MAIN     FieldSets	Screen Size Medium 👻		
	Exit Button Type Default Cancel		
	🔶 Main	× Populat	e   <b>+</b>   -
	New Enter Query	get Field	Active
	Customer Number	Nationality	
	Name	Language	
	Туре	Country	
	Address		
	Group Id Customer No Relation	*	
	4		
	MIS Change Log		
	Maker Date Time:		
	Checker Date Time:		
		Exit	
	Mod No Record Status		

Fig 5.2.4: Preview of STDCIFDC after screen child refresh

Here we can find that new fields and field set added in the parent has come in the screen child while the original screen child changes has also been retained.

# 6 Source Refresh

Source Refresh allows the customer upgrade his existing release with latest release of Flexcube without affecting his custom changes .By using source refresh option all the extensible radxml's of older version can be updated with latest version changes.

- Source Refresh is possible only for the extensible screens. Hence for non extensible screens customization on the screens can't be retained in case of upgrade
- Source Refresh is done for radxmls in different releases.
- All system units needs to be regenerated after source refresh . A thorough unit testing is recommended after deployment of all generated units
- Child and Screen Child Refresh will be done implicitly during Source Refresh if any child/screen child screens are present .Hence if source refresh of any child/screen child has to be done, include parent radxmls also in the source and base file lists
- Select proper release types for source and base while upgrading in Refresh Page.

It is meaningless to do source refresh between two Kernel versions (or two cluster versions etc) as we can replace the entire source with latest version in such scenario. *Hence Source and Base Release types can never be the same for Source Refresh* 

Source release type cannot be **Kernel** it can be either Cluster or Custom. Base Release type options will depend on the source release type selected.

Source Release Type	Cluster	Custom
Base Release Type	Kernel	Kernel, Cluster

- If user selects custom as source release type he has option to upgrade his release based on either cluster pack or Kernel.
- If user selects Cluster as source release type we have only one option as base release type i.e. Kernel.

#### 6.1 Process Steps

Consider a bank which is running on 12.0 version of Flexcube .Bank has done custom developments on top of 12.0 Kernel version .Now bank is upgrading to 12.0 sources

Here we consider the case of a single functionId (STDCIFD) for demonstration

Process steps are similar to child refresh. Refer section 4.2 for more detailed explanation

In the Refresh Page, provide input to fields as: **Source File List:** Browse and select the text file containing source file list

Source File list is a text file which contains the absolute path of all the source release radxmls to be refreshed. Here 11.3 custom radxmls used by bank is the source .



Fig 6.1.1: Content of custom\_list.txt file

The figure above shows the content of the source.txt file .Here STDCIFD is the 12.0 custom version radxml which has to be upgraded to 12.2 .If source refresh of more than one functionId is required, absolute path of each source radxmls has to be specified; each in a new line

Base File List: Browse and select the text file containing base file list

Base File list is a text file which contains the absolute path of all base version radxmls with which source has to be refreshed. If source refresh of more than one functionId is required, absolute path of each base version radxmls has to be specified; each in a new line



Fig 6.1.2: Content of Kernel\_list.txt file

**File Location:** Choose file location as client if the path provided is in the client machine. **Refresh Type:** Choose Refresh type as Source Refresh

**Source Refresh Type:** Source files are of custom release type (12.0 custom version) ,hence provide source refresh type as custom

**Base Refresh Type:** Base files are from 12.2 Kernel release. Hence select base release type as Kernel

Administration     Function Generation	Refresh	austras listet	PROWOF		D D D D D D D D D D D D D D D D D D D	_ ×	
🗀 Screen Customizer	Source	File List Custom_list.bt	BROWSE	Base File	List kernel_list.bt BROWSE	J	
Tracking Changes	Source Relea	ase Type Custom •		Base Release T	Type Kernel -		
Notification Triggers	Refr	esh Type Source Refresh	•				
Notifications							
Excel Template Constation							
Refresh	SI.No	File Name	Sub Folder	File Status	Error Description	<b>^</b>	
🗉 🗀 Web Sevices	1	STDCIFD_RAD.xml	BASE	Refreshed -			
🔤 Block Detail Upload							
Test Case Definition							
Hereit Runchart Definition							
Create Request							
Test Case Execution							
Runchart Execution							
📮 Test Case Data Bulk Upload							
Execution Report							
Purge Generation							
						~	
					Refresh	Close	

Fig 6.1.3: Release type Selection for Source Refresh

Click on Refresh button.

After Completion of the process, status will be shown in the screen. File status will be successful for refresh is successful.

#### 6.2 Functionality Demonstration

In the above section process for upgrading a 12.0 custom release functionId (STDCIFD) with its 12.2 version is explained

The figure below shows the preview of STDCIFD screen as used by the bank;i.e.12.0 custom version

In custom version, Auto Generate button which was present in 12.0 Kernel version was not required; hence made hidden. Highlighted section shows the original position of Auto Generate button in kernel version of 12.0.

					2					_ ×
	New Enter Query						×		😼 😼	4
Action Load - Function Id STDCIFD Save XML Path D:RADTOOL	Customer Number Type			Name Address Auto Ge	nerate					
Search								- A	. 🟹 🖬	<b>)</b> ^
Preferences  DataSource  ListOfValues  DataBlocks  DataBlocks  ListOfValue  ListOfValue  ListOfValue  DataBlocks  ListOfValue  ListOfValue  DataBlocks  DataBlock	Group Id	Customer No	Relation		A					
	4				-					
CNAME					,		Pop	oulate	+ -	-
ADDR1						arget Field			Active	
	MIS Change Log									
🗀 LANG	Maker		Date Time:							
BTM_MIS	Checker									
BTN_DEMO			Date Time:		Evit					
BLK_GROUP										
B CVS MAIN	Mod No	Re	ecord Status							
FieldSets      FieldSets      FST_CUST1      FST_CUST2      FST_CUST3      Actons      CallForms      LaunchForms      Summary										



Function Generation	♦ Main X				_ ×
	New Enter Query		×	77 🧃	-
Action Load  Function Id STDCIFD Save XML Path D'RADTOOLV	Customer Number Name Address				
Search  Preferences  DataSource  STM_CUSTOMER  STM_CUST_GROUP  ListON/alues  DataBlocks	Group Id Customer No Relation		-	AL 🔾 🕻	<b>)</b> ^
BLK_CUSTOMER CUSTNO			Populate		
	MIS Change Log	arget Field		Active	
ADDR1	Maker Date Time:				
I CNTY	Checker Date Time: Exit				
BTM_MIS	Mod No Record Status				
■ ETL_DEMO ■ ■ LK_GROUP ■ CvS_MAIN ■ FieldSets ■ Actions ■ CallForms ■ CallForms ■ Summary					

Fig 6.2.1 : 12.0 Custom version of STDCIFD screen used by bank

The figure below shows the preview of 12.2 Kernel version of STDCIFD. Notice some of the changes done in 12.2 Kernel version highlighted in the figure

- 1) Country field is added in the body
- 2) Nationality fields is added in body

Also note that Auto Generate button has been retained in 12.2 Kernel version from 12.0 Kernel

Function Generation	♦ Main	×				2000	×
	E New S Enter Query					7 🍿	\$
Action Load - Function Id STDCIFD Save XML Path STDCIFD_RAI	Customer No * Name Type Address Country Auto Cenerate Nationality		iance 👻	)			
Search						I 🖾 🧐	
Preferences DataSource ListOfValues ListOfValues BLSCOLSTOMER CUSTNO CUSTNO CUSTNO	Group Id Customer No Relation						
CNAME	۳ ۲				+	_	
			et Field		Active		
	MIS   Change Log	<b></b>	J				
	Maker Date Time: Checker						
BIN_OEMO	Date Time:	Exit					
Gurens     Greens     Greens	Mod No Record Status Authorization Status						
im FST_CUST2 im FST_CUST3 im Actions			-				
CallForms LaunchForms Summary						÷	

Fig 6.2.2: 12.2 Kernel version of STDCIFD screen to which bank source has to be upgraded

Do Source Refresh as explained in the previous section.

Regenerate all system units (main package, language xml, sys js ,xsds etc) and deploy in Flexcube server

Compile/Deploy Kernel sources (kernel packages, kernel js etc) from the base release (12.2 here) in Flexcube server.

The figure below shows the preview of the screen after Source Refresh

Function Generation	◆ Main	×					_ ×
	New Enter Query			×	= 1	۶ 🧃	🔿
Action Load  Function Id STDCIFD Save XML Path D/RADTOOLV Search	Customer Number * Name Address				- A(		o '
Preferences DataSource DataSource DataBlocks CataBlocks DataBlocks DataBlock	Group Id Customer No Relation	arge	t Field	Popul	late	+ - Active	
	Maker Date Time: Checker Date Time: Exit						
	Mod No Record Status						

Fig 6.2.4: 12.0 Custom version of STDCIFD after upgrading to 12.2

Here we can observe that changes from 12.2 Kernel are now reflected in the custom version also.

1) Country field in body has come in the refreshed file

2 Nationality field of body has also come up in the refreshed screen from the base version

3) Auto Generate button has not come in the Refreshed screen even though it was present in the base screen. This is because it was made hidden in the custom version. Custom changes are retained



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