Development Workbench – Administration Oracle FLEXCUBE Universal Banking Release 14.4.0.3.0 Part No. F38223-01 [February] [2021]



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# 1 Preface

This document describes the Administration options 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 Technical Architecture	Training programs from Oracle
	Financial Software Services.
Moulting the one ladge of Mich head	Calf A agreeing d
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations
0 0	

### 1.2 Related Documents

<u>01-Development\_WorkBench\_Installation.docx</u> <u>03-Development\_WorkBench\_Getting\_Started.docx</u>

# 2 Introduction

The information in this document includes:

- Chapter 2, "Introduction"
- Chapter 3 , "Administration"
- Chapter 4 , "User Releases"

# 3 Administration

Workbench segregates the developmental activity of the developers into different releases. This allows the tool to track the changes done in each release and helps the developer to follow an extensible approach to development.

Administration screens of Development Workbench are as follows:

- i) Release Creation
- ii) Environment Creation
- iii) User Creation

### 3.1 First Time Log in

After successful installation, user can login to the Tool using the following credentials User Name: **RADTOOL** Password: **RADTOOL** 

DRACLE FLEXCUBE Development Workbench for Universal Banking - Windows Internet Explorer	<b>x</b>
DRACLE'	
ORACLE FLEXCUBE	
Development Workbench for Universal Banking	
LOGIN	
Password	
Sign In	
pyright © 2012, Oracle and/or its affiliates. All rights reserved.	

Fig 3.1: Login Screen

RADTOOL user is initially mapped to Default Release. This user is only for initial login to the tool. Developers should not use this user to design new screen or to modify existing screen.

After successful login click on Administration node in left side of Tree under browser Tab.

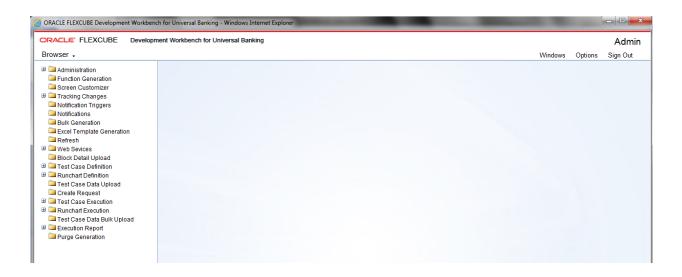


Fig 3.2: The Browser tab with Administration option

We will find 3 options In Administration. Release Environment and User.

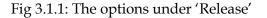


Fig 3.3: Options under Administration

### 4 Release

Expand the Release node under administration. We will get Detailed and summary options.





Click on Detailed option to create new release. Release screen will be launched.

### 4.1 Release Detailed

Release Master	
	📔 🔚 🗙 🖬 🖅 🍙 🖆
- Release Detailed	
Release Code *	
Description	
Release Type Kernel -	
Base Release	
Environment	
Remarks	
Release SPC	
Stream Name	
Cluster Name	
Custom Name	
Release Stage	
Application Name	
Migrate Test Case Data	
From Base Release	
Modification Number	Release Status Open 👻
Maker Id	Maker Date Stamp
Makeriu	
	Clos

Fig 3.1.2: The Release detailed Screen

Only a user with Administrator rights can create Release. It is recommended to use RADTOOL user for creating new releases

• **Release Code:** Release code/Project Code is mandatory field. It should follow FLEXCUBE naming convention.

#### Ex: FC\_UBS\_V.UM\_11.4.US.1.0.0.0

- **Description:** Information about the release. Meaningful description of release can be provided here
- **Release Type:** Select the release type. This is mandatory field.
  - **Kernel:** This option should be used by kernel team only.
  - Cluster: A regional development team has to select this option.

- **Custom:** Either offshore development team for client changes or development in Onsite has to select this option.
- **Release No:** Enter the version number of FLEXCUBE development.
- **Base Release:** Select base release from the list of values. All available releases will be shown in the List of values. Base release is of significance for migrating test case data *Example: If developer is working on customization on top of 11.3EU Cluster pack, base release will be 11.3EU*
- Environment: Select default environment. While creating new release ignore
- **Remarks:** Enter if any additional info required regarding Release. This is information field.
- **Release SPC:** This would be used for in house developments. This is not required for custom developments
- **Stream Name:** Stream name should be same as DDL stream name. This is not applicable if DDL integration not required
- **Cluster Name:** This is an information field. If the release is a Cluster pack, name of the Cluster release can be provided here .Same name as maintained in DDL Tool.
- **Custom Name:** This is an information field. If the release is a Customization, name of the customer can be provided here .Same name as maintained in DDL Tool
- **Release Stage:** This is information field. Release stage can be Development, SQA, ITR etc
- **Application Name:** Provide the name of application for which the release is . *Example: FLEXCUBE, FCIS, FGL etc*
- **Migrate Test Case Data from Base Release**: If check box is checked ,all the test case data from the base release will be migrated to the new release

The below figure shows a sample entries for creating custom release done for MODEL BANK

					×	17 2	1 🞽
elease Detailed							
Release Code *	FCUBS_12.0.2						
Description	FCUBS_12.0.2						
Release Type	Kernel 👻						
Base Release	FCUBS_12.0.1	<b>*</b> =					
Environment							
Remarks							
Release SPC	anuradha.santhanagopalan@ora	acle.com					
Stream Name							
Cluster Name							
Custom Name							
Release Stage							
Application Name							
	Migrate Test Case Data						
	From Base Release						
Modificatio	n Number 1		Release Status	Open 👻			
	Maker Id PANDETIP		Maker Date Stamp	2012-12-18	06:15:24		
							Close

Fig 3.1.3: Creating a Release

Release	Master			×
			🗎 🖾 💹 🔛 🎦 🔐 🍗	
	Detailed			
<b>ا</b>	Informatio	n	×	
		Error Description	Error Code	
		RD-SAVE-004 I Record Successfully Updated	RD-VALS-00	
			-	
			Ok	
		Maker Id RADTOOL	Maker Dale Stamp 2013-09-04 11:19:27	
		Andred the research store	maker both courry to to by on striket	
				Close
			L	,1050

Fig 3.1.4: Saving a Release

#### Querying a Release

If user want to modify existing release Details click on Release Detailed node in tree and click enter query option.

Release Master	_ ×
- Release Detailed	Enter Query
Release Code *	
Description	

Fig 3.1.5: Querying details of an existing Release

Release code field gets enabled. If release name known already enter directly or select release code from provided List of values.

Release Master		×
Release Detailed		
Release Code * Description Release Type	Release Code	×
Base Release Environment Remarks Release SPIC		Search Reset
Stream Name	Release Code	
Cluster Name Custom Name Release Stage Application Name From E Modification Num Make	CLUSTER_DUMMY DEFAULT FCELCM_12.0.2_DEV FCELCM_2.0.0 FCIS_12.0.2.0.0 FCUBS_12.0.2_0 FCUBS_12.0.2_0 FCUBS_12.0.2_0 FCUBS_12.0.2_CLUSTER FCUBS_12.0.2_CLUSTER FCUBS_12.0.2_CUSTOM FCUBS_12.0.2_CUSTOM FCUBS_12.0.2_MAT FCUBS_12.2_ACESABILITY FCUBS_12.2_MODELBANK	Close
		Release_Detailed

Fig 3.1.6: Selecting Release from LOVs

After selecting release code click on execute query.

Release Master	_ ×
	📄 🔚 🗙 🗉 📝 🏠 🖆
- Release Detailed	
Release Code * FCUBS_12.0.2	
Description	

Fig 3.1.7: The *ExecuteQuery* button to be clicked after entering release code

### Modifying a Release:

Click on unlock button.

Release Master						_ ×
				X	17 🍃	-
- Release Detailed						
Release Code *	FCUBS_12.0.2					
Description	FCUBS_12.0.2					
Release Type	Kernel 🔻					
Base Release	FCUBS_12.0.1					
Environment						
Remarks						
Release SPC	anuradha.santhanagopalan@oracl	e.com				
Stream Name						
Cluster Name						
Custom Name						
Release Stage						
Application Name						
	Migrate Test Case Data					
· · · · · · · · · · · · · · · · · · ·	From Base Release					
Modification	n Number 2	Releas	e Status Open 🛛 👻			
	Maker Id RADTOOL	Maker Dat	e Stamp 2013-09-04	11:19:27		
						Close

Fig 3.1.8: The Details of a Release

After unlock button clicked except release code all fields will be enabled. Release administrator can update the required fields. Click on save.

elease Master								_
					X	157	1	6
elease Detailed								
Release Code *	FCUBS_12.0.2							
Description	FCUBS_12.0.2							
Release Type	Kernel 👻							
Base Release	FCUBS_12.0.1	<b>*</b> =						
Environment								
Remarks								
Release SPC	anuradha.santhanagopalan@oracle.con	n						
Stream Name								
Cluster Name								
Custom Name								
Release Stage								
Application Name								
	🕅 Migrate Test Case Data							
	From Base Release							
Modificatio	n Number 1		Release Status	Open				
	Maker Id PANDETIP		Maker Date Stamp		06:15:24			
							(	lose
								1056

Fig 3.1.9: Release after unlock

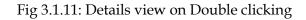
### 4.2 Release Summary

This screen will be used to get details of all releases already existing in Workbench. Click on execute query button, it will display all available releases in grid view. Double click on the particular release code it will take us to detailed screen.

					<< < 1of1	> >
	Release Code	Description	Release Type	Release Number	Base Release	
		FCUBS_12.0.2.CITI_DE			FCUBS_12.0.1.6	
	DEFAULT	DEFAULT	DEFAULT			
	FCUBS 12.0.3.0.0	FCUBS 12.0.3.0.0	KERNEL			
	FCIS_12.0.2.0.0	FCIS_12.0.2.0.0	KERNEL		12.0.2.0.0	
	FCUBS_12.2_MODELB	FCUBS_12.2_MODELB	CUSTOM		FCUBS_12.0.2	
	FCELCM_12.0.2_DEV	FCELCM_12.0.2_DEV	KERNEL		FCUBS_12.0.2	
	FCUBS_12.2_ACESABI	FCUBS_12.2_ACESABI	KERNEL			
	FCUBS_12.0.2_CUSTC	FCUBS_12.0.2_CUSTC	CUSTOM			
	FCUBS_12.0.2_CLUST	FCUBS_12.0.2 Cluster	CLUSTER		FCUBS_12.0.2	
	FCUBS_12.0.2	FCUBS_12.0.2	KERNEL		FCUBS_12.0.1	
•	III					P.

Fig 3.1.10: The Summary of a Release

Release	e Master Sum Release Desc		<u>/2</u>		[	Search Reset	_ ×
	Rele	ease Code	Description	Release Type	Release Number	Base Release	
			FCUBS 12.0.2.CITI DE		Neleuse Number	FCUBS 12.0.1.6	
	Release Ma		PC0B3 12.0.2.011 DE	RERINEL		PC0B3 12.0.1.0	_ ×
	- Release De						Ъ 🖆
		Release Code	FCIS_12.0.2.0.0				
		Description	FCIS_12.0.2.0.0				
		Release Type	Kernel 🔻				
		Base Release	12.0.2.0.0				
		Environment					
		Remarks					
		Release SPC	siva.kumar.ramabadra	an@oracle.com			
		Stream Name					
		Cluster Name					
		Custom Name					
	A.r.	Release Stage					
	Al.	oplication Name	Migrate Test Case D	ata			
			From Base Release				
		Modificatio	n Number 1		Release Status	Open 👻	
			Maker Id PANDETIP		Maker Date Stam	2012-12-21 11:31:00	
							Close
A DI a a i a C							



### 5 Environment

Workbench requires at least one environment for each release and the below environment details need to be maintained. Multiple environments can be mapped to a single release.

For instance, different environments can be maintained for different stages of the same release i.e. development, testing etc .

Note that Workbench can interact with multiple FLEXCUBE links .Each environment correspond to a FLEXCUBE environment

ORACLE FLEXCUBE Development Workbench for Universal Banking - Windows Internet Explorer								
ORACLE' FLEXCUBE	Development Workbench for Universal Banking			Admin				
Browser -		Windows	Options	Sign Out				
Administration     Administration     Belease     Pervisionment     Detailed     Summary     User								

Fig 3.2.1: Options under Environment

Click on detailed node of environment. Click new button all fields will get enabled.

### 5.1 Environment Detailed

Environment Master				_ ×
				I I I I I I I I I I I I I I I I I I I
- Environment Details	Application Details			
Environment Code *	Application	URL		
Release Code *	Release Code *     Application IP Address       Language Code *     Application Name       Description     Application OS			
Language Code *				
Description			-	
- JNDI name	Application Transfer	Type File Ma	anager 🔻	
JNDI Name *	JS Directory	Path		
- Database Details	UI XML Directory	Path		
	Server User N	ame		
Database Instance	Server Passi	word		
Database Port	Server Filemanager			
Database IP Address Database Host Name	File Manager User N			
Database Name	File Manager Password			
Database Password		-	Test Environment	
Modification Number	Maker Id	Maker Date St	amp	
				Close

Fig 3.2.2: The Detailed Screen for Environment

• **Environment Code:** This is **mandatory** field. Naming convention would be <release code>\_ENV.

For Example: FCUBS11.4\_MODEL\_BANK\_ENV

- **Release Code:** This is a **mandatory** field. Select the correct release code from the list of values. This field identifies the release to which the environment is mapped
- Language: This is mandatory field. Select the required language from LOV. This field is very important in environment creation as screen xml will be generated based on the language set up at the environment level. List of values fetches the available languages from RDTM\_LANGUAGE. Any new language, if required, has to be maintained in this table
- **Description:** Information field. Meaningful description to environment code.
- **JNDI Name:** Enter valid jndi name. This is **mandatory**. It should match with jndi name used while creation of Data Source for FLEXCUBE in app server. It's case sensitive. Connection to the FLEXCUBE schema is established from Workbench using the JNDI name maintained in environment definition.

If JNDI name does not match data base connection to FLEXCUBE schema won't happen.

For instance:

*If server is Apache Tomcat, JNDI provided in environment creation should match with jndi provided in server.xml and context.xml* 

*If server is web logic, JNDI provided in environment creation should match with jndi of the data source created;* 

#### Dynamic Registering of Data Source with JNDI

Dynamic Data Source Registering feature avoids the need of creating Data Source manually in the Application Server. To enable this feature, Provider URL value has to be provided during installation .A new data source will be added to the JNDI context using the Data Base details provided while creating Environment (explained below). An Example of Properties to be specified in odt.properties for webLogic Server is given below INITIAL\_CONTEXT\_FACTORY=weblogic.jndi.WLInitialContextFactory PROVIDER\_URL=t3://localhost:7101

Note that this feature won't be available if the JNDI context is read only. *Example : Apache tomcat Server* 

#### Data Base Details:

The FLEXCUBE database server details of the environment can be provided here. These are information fields. *Data base connection is achieved through jndi maintained and not with help of data provided in these fields unless dynamic registering of Data Source feature is available* 

- **Data Base Instance:** Enter the valid Data base instance name.
- Data Base Port: Enter data base port number.
- Data Base IP Address: Enter data base IP address.

- Data Base Host Name: Enter host name or IP address of data base.
- Data Base Name: Enter schema name.
- Data Base password: Enter schema password.

If dynamic registering of Data Source feature is not available then the following has to be taken care

- 1) If the password of FLEXCUBE schema is changed, merely changing the password in the Workbench environment wouldn't be of any help. Developer will have to update the data source in the server with the latest credentials.
- 2) If judi of the data source is changed, Application server has also to be updated with the same

#### **Application Details:**

• **Application URL:** Enter valid FLEXCUBE url. This will be launched from Workbench.

ORACLE' FLEXCUBE Development Workbench for Universal Banking									
Browser -	Windows	Options Sign Out							
🗉 🚞 Administration		User Preferences							
🖽 🛄 Release		Change Password							
Environment Detailed		Launch FLEXCUBE U							
Summary		Accessibility Help							
User Function Generation		About							

Fig 3.2.3: The Application URL maintained will be launched on clicking Launch FCUBS

- Application IP Address: Enter application IP address.
- Application Name: Enter application name. Information field.
- **Application Operating System:** Select on which operating system FLEXCUBE is running; two options are provided: windows or UNIX.
- Application transfer Type: If user requires Deploy option (Check the document <u>04-Development WorkBench</u> <u>Screen Development-II.docx</u> to get more details about deploy option), file transfer type has to be selected.
   File Transfer type depends on the operating system of application server in which FLEXCUBE is hosted
   Windows: File manager/File Copy
   UNIX: File Manager
   File Copy: Directly copies files into specified location.
   File Manager: It is a Servlet (please check the File manager section in appendix to get more details) running in app server where FLEXCUBE is deployed. This Servlet has to be deployed in the same server where FLEXCUBE is hosted for copying files from Workbench server. This has to be selected if operating system is UNIX. Refer Appendix

section on further details on File Manager

• **JS Directory Path:** Enter shared path of JavaScript files in FLEXCUBE server. This is also required for deploy feature of Workbench .All the system JavaScript files generated will be copied to the path mentioned in this field

Example:

Windows  $\rightarrow ||| |10.184.46.209||js||$  (Each forward slash should be appended by one more)

UNIX →

/oraint1/web1034/Oracle/Middleware/user\_projects/domains/FCUBSDevDomain/servers/FC114 EXT/tmp/\_WL\_user/FC114EXT/eiq6wn/war/Script/JS/ (It should contain only single backward slash).

Note that slash has to be provided, at the end, in the path provided. Make sure write permission is provided on this folder.

• **UIXML Directory Path:** Enter shared path of UIXML (language xml) files. This is also required for deploy feature of WORKBENCH .All the system JavaScript files generated will be copied to the path mentioned in this field

Example:

Windows → \ \ \ \ 10.184.46.209 \ \ eng \ \

#### UNIX →

/oraint1/web1034/Oracle/Middleware/user\_projects/domains/FCUBSDevDomain/servers/FC114 EXT/tmp/\_WL\_user/FC114EXT/eiq6wn/war/UIXML/ENG/

Note that slash has to be provided, at the end, in the path provided. Make sure write permission is provided on this folder.

If Transfer Type is File manager then the below details has to be provided mandatorily

- Server User Name: Enter application server user name.
- **Serve Password:** Enter application server password.
- **File Manager URL:** Enter file manager url as shown below.

**Format:** http://<ipaddress>:<portnumber>/FileManager/FileManageServlet

Eg: <u>http://10.184.74.143:7755/FileManager/FileManageServlet</u>

- File Manager User Name: Enter user name. This is optional field
- File Manager Password: Enter password. This is optional field

The below figure shows a sample environment with data input.

Environment Code •       CUBS_12.0.2_DEV12       Application Details         Release Code •       FCUBS_12.0.2_#1       Application URL       https://10.184.132.129         Language Code •       ENG •       Application IP Address       10.184.132.129         Description       12.0.2 DEV       Application IP Address       10.184.132.129         JNDI Name •       idbdDEV1202       Application Transfer Type       File Manager         JNDI Name •       idbdDEV1202       JS Directory Path       iscratch/app/w11032/usi         Database Details       Server Password       Server File Manager •         Database IP Address       10.184.132.131       File Manager URL         Database IP Address       10.184.132.131       File Manager USer Name         Database IP Address       10.184.132.131       File Manager USer Name         Database Name       DEV1202       Test Environment         Database Password       Imager User Name       Test Environment         Modification Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55	Environment Master				_ ×
Environment Code * FCUBS_12.0.2_DEV12       Application URL       https://10.184.132.129.7         Release Code * FCUBS_12.0.2       Application IP Address       10.184.132.129         Language Code * ENG       P2       Application Name       FCUBS 12.0.2         Description       12.0.2 DEV       Application Name       FCUBS 12.0.2         JNDI name       JNDI Name * jdbc/DEV1202       Application Transfer Type       File Manager •         JNDI Name * jdbc/DEV1202       UI XML Directory Path       /scratch/app/wi1032/usi         Database Details       Server User Name       pani         Database Instance       FCUBSDEV       Server Filemanager URL         Database IP Address       10.184.132.131       File Manager User Name         Database Name       10.184.132.131       File Manager User Name         Database Password       Forese       Test Environment         Modification Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55				📄 🔚 🗶 I	1 13 13 15
Release Code *       FCUBS_12.0.2       Image: Code *       FCUBS_12.0.2       Application IP Address       10.184.132.129         Language Code *       ING       Image: Code *	- Environment Details		- Application Details		
Language Code *       ENG *I       Application Name       FCUBS 12.0.2         Description       12.0.2 DEV       Application Name       FCUBS 12.0.2         JNDI name       Application Transfer Type       File Manager •         JNDI Name *       jdbc/DEV1202       JS Directory Path       /scratch/app/w11032/usi         Database Details       UI XML Directory Path       /scratch/app/w11032/usi         Database Instance       FCUBSDEV       Server User Name       ipani         Database IP Address       10.184.132.131       File Manager User Name       imager User Name         Database Name       DEV1202       Test Environment       Test Environment         Modification Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55	Environment Code *	FCUBS_12.0.2_DEV12	Application URI	https://10.184.132.129:7	
Description       12.0.2 DEV       Application OS       Unix       Implication OS         JNDI name       Application Transfer Type       File Manager       Implication OS         JNDI Name * jdbc/DEV1202       JS Directory Path       /scratch/app/wi1032/usi         Database Details       UI XML Directory Path       /scratch/app/wi1032/usi         Database Instance       FCUBSDEV       Server User Name       Ipani         Database Port       1521       Server Filemanager URL       Implication Directory Name         Database IP Address       10.184.132.131       File Manager User Name       Implication Directory Name         Database Host Name       10.184.132.131       File Manager User Name       Implication Directory Name         Database Password       Implication Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55	Release Code *	FCUBS_12.0.2	Application IP Address	10.184.132.129	
JNDI name       Application Transfer Type       File Manager         JNDI Name * jdbc/DEV1202       JS Directory Path       /scratch/app/wi1032/usi         Database Details       UI XML Directory Path       /scratch/app/wi1032/usi         Database Instance       FCUBSDEV       Server User Name       tpani         Database Port       1521       Server Password       •••••••         Database IP Address       10.184.132.131       File Manager URL       Image: Password         Database Name       DEV1202       Test Environment         Database Password       ••••••       Modification Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55	Language Code *	ENG 🗾	Application Name	FCUBS 12.0.2	
JNDI Name * jdbc/DEV1202       JS Directory Path       /scratch/app/wi1032/usi         Database Details       UI XML Directory Path       /scratch/app/wi1032/usi         Database Instance       FCUBSDEV       Server User Name       tpani         Database Port       1521       Server Password       •••••••         Database IP Address       10.184.132.131       File Manager URL	Description	12.0.2 DEV	Application OS	B Unix 👻	
JNDI Name * [dddDEV1202       UI XML Directory Path       /scratch/app/wi1032/usi         Database Details       UI XML Directory Path       /scratch/app/wi1032/usi         Database Instance       FCUBSDEV       Server Name       tpani         Database Port       1521       Server Password       •••••••         Database IP Address       10.184.132.131       Server Filemanager URL       Image: User Name         Database Host Name       10.184.132.131       File Manager User Name       Image: User Name         Database Name       DEV1202       Test Environment         Database Password       ••••••       Test Environment	- JNDI name		Application Transfer Type	File Manager 🔻	
Database Details     UI XML Directory Path //scratch/app/wi1032/usi     Server User Name tpani     Database Instance FCUBSDEV     Database Port 1521     Database IP Address 10.184.132.131     Database IP Address 10.184.132.131     File Manager User Name     Database Name 10.184.132.131     File Manager Password     Database Password     Detv1202     Test Environment     Modification Number 4     Maker Id RAM Maker Date Stamp 2013-07-10 15:39:55	INDI Name *	idbc/DEV1202	JS Directory Path	/scratch/app/wl1032/us	
Database Instance       FCUBSDEV       Server Vser Name       Ipani         Database Port       1521       Server Password       Image: Comparison of the		,	UI XML Directory Path	/scratch/app/wl1032/us	
Database Port       1521       Server Password       ••••••••         Database Port       1521       Server Filemanager URL			Server User Name	e tpani	
Database IP Address       10.184.132.131       Server Filemanager URL         Database IP Address       10.184.132.131       File Manager User Name         Database Name       DEV1202       File Manager Password         Database Password       ••••••       Test Environment         Modification Number 4       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55			Server Password	•••••	
Database Host Name       10.184.132.131       File Manager User Name         Database Name       DEV1202       Test Environment         Database Password       ••••••       Test Environment         Modification Number       Maker Id RAM       Maker Date Stamp 2013-07-10 15:39:55			Server Filemanager URI	_	
Database Name     DEV1202       Database Password     Test Environment       Modification Number 4     Maker Id RAM			File Manager User Name	9	
Database Password     Test Environment       Modification Number     Maker Id			File Manager Password	t	
Modification Number 4 Maker Id RAM Maker Date Stamp 2013-07-10 15:39:55				Test Environment	
	Database Password	•••••			-
Close	Modification Number	er 4	Maker Id RAM Mal	ker Date Stamp 2013-07-10	15:39:55
					Close

Fig 3.2.4: Creating a new Environment

Envir	onn	eet Mast	er									". ×
Ели		ormation							×	×	<i></i>	8
				Error De	scription			Error Code	*	2.1233		
JND			_		ord Succes	sfully Upda	ited	RD-VALS-00	Ōk	032/us 032/us 032/us		
		Modificat	ion Number	÷		Maker Id	RADTORA	Maker Date	Slamp 🔅	3-09-04-11	3152	
												Close

Fig 3.2.5: After Saving Environment details

#### **Modify Environment**

We can modify the existing environment details. Click on detailed node of environment list.

Click enter query .Environment code field will get enabled. Enter the environment code directly or select from List of values.

Click unlock button and modify required fields Click on save.

Informatio	on				
	Error Descri	ption	Error Code	A 2.12	
	RD-SAVE-004 I Record	Successfully Updated	RD-VALS-00	0.32A 0.32A 0.32A	
Modific	ation Number 5	Maker Id RADTOOL	Maker Date S	lamp 2013-09-	04 11 31 52
					Clo

Fig 3.2.6: Modifying an environment by using Query and Unlock

### 5.2 Environment Summary

This screen will be used to get details of all environments which already exist in Workbench. Click on execute query button, it will display all available releases in grid view. Double click on the particular environment code; it will take us to detailed screen.

	ronment name	<b>&gt;</b>	Databa: Database	se Name	Search Reset	
	Environment Code	Environment Name	Release Code	Language Code	< < 10f3 > Database Instance	<b>&gt;&gt;</b>
	FCUBS_12.0.2_FCDEV	FCUBS_12.0.2_FCDEV	FCUBS_12.0.2	ENG	KD12NEW	•
	FCUBS_12.0.2_FC120;		FCUBS_12.0.2	ENG	KD12NEW	•
	FCUBS_12.0.2_FCUBS		FCUBS_12.0.2	ENG	FC122MAT	•
	FCUBS_12.0.2_ENV1	Environment For Mallika	FCUBS_12.0.2	ENG	FCUBSUPP	•
	FCUBSDEV1202_DEV		FCUBS_12.0.2	ENG	FCUBSDEV	ŀ
	DEFAULT	DEFAULT	DEFAULT	ENG	1	
	FCUBS_12.0.2_DEV12	12.0.2 DEV	FCUBS_12.0.2	ENG	FCUBSDEV	ŀ
	FCUBS_12.2_MODELB	FCUBS_12.2_MODELB	FCUBS_12.2_MODELB	ENG	ORCL	ŀ
	FCUBS_12.0.2_FC12D	FCUBS_12.0.2_FC12D	FCUBS_12.0.2	ENG	KERDEV3	•
	FCUBS_12.0.2_FC120	FCUBS_12.0.2_FC120	FCUBS_12.0.2	ENG	CPU11G2	ŀ
• [	III					Þ.

Fig 3.2.7: Environment Summary Screen

### 6 User

User screen is used for creating new user for Workbench. Only Administrator or Release Administrator can create new users .Releases can be attached to the particular user and roles for the user on the attached release code can also be maintained

r Definition			-
ser Details			
User ID *	Sa	ave Format Zip 👻	
User Name	Wor	rk Directory	
User Password	E	xcel format XLS 👻	
Default Release		XML Formatting	
Default Environment		LDAP Authentication	
		+ -	]
	Release Code	User Role 4	
Modification Number	Maker Id	Maker Date Stamp	
			Close

Fig 3.3.1: User Detailed Screen

### 6.1 User Detailed

- User ID: This is the unique ID given to each user, used to login into Workbench
- User Name: Enter User Name.
- User Password: The password the user has to enter to login to Workbench
- **Default Release:** Select Release code from the List of values. This will be the release to which user will be mapped on logging in to the Tool. If user mapped to more than one release ,user can switch between the releases using User Preferences screen .Refer <u>03-Development\_WorkBench\_Getting\_Started.docx</u> for further details on User Preferences
- **Default Environment:** Select the corresponding environment code created for the selected default release.. If not selected user can set environment in User Preferences screen after logging in

- Save Format : User can access the generated files in one of the following modes
  - **Zip:** Files will be zipped and downloaded from the server to the client . This is the default save format.
  - Server Path: If user has access to Server, then this mode can be selected. A path in Server has to be specified as Work Directory. Files will be copied to this path from where user can pick it up
  - Client Path: For ease of use for users of Older Versions, the earlier mode has also been retained. Here user has to provide a path in his machine as the Work Directory. Note that this mode uses ActiveX Scripting; hence settings have to be set accordingly. This option is available only in Internet Explorer.
- Work Directory: It is the path of the folder where the Workbench generated files will be saved. User can specify default directory where all his work should be saved. This field is applicable only if Save format is either Server Path or Client Path If the Save Format is Server Path, a path in the server has to be specified. If the Save Format is Client Path, a path in the client machine has to be specified. If value is specified as CURRENT\_DIRECTORY generated files will be saved to location path specified at the design screen level.
- **Excel Format:** This field defines the default extension of the excel files generated from the Tool. XLS and XLSX are the supported formats
- **XML Formatting:** Any XML file which is generated by Workbench will be formatted.
- **LDAP Authentication:** This option can be selected if the user has to be authenticated against a LDAP. Password need not be specified in this case. LDAP properties has to be specified in the *odt.properties* file for availing this feature

Sample LDAP Properties LDAPSSLEn = N LDAP\_DOMAIN=MODELBANK.COM LDAP\_SERVER\_URL=Idap://10.184.xx.xx.389

### 6.1.1 User Releases

Single user can be mapped to many releases. Make sure that selected default release is available here. Along with release code user role should be specified

The tool has below User Roles for controlling the access rights

- Release Administrator
- o Developer
- o TCM User

#### • VERCON

User will be allowed to perform various tasks based on the Role assigned to the user. Same user can have different role for different releases.

#### 6.1.1.1 Release Administrator

- This role is meant for project leaders and team leaders and allows them to perform release administration activities.
- Users with this role would be allowed to perform the below tasks
  - Creation of Environment(s) for the Release
  - Creation of users
  - Provide access to the Release for required Users

#### 6.1.1.2 Developer

- This Role is for Developers. Users mapped with this role would be able to access the Function development related features of the Workbench
- User will also be able to Switch between the releases and Environments using the "User Preferences" Option.

#### 6.1.1.3 TCM User

- This Role is for meant for users of TCM. Users mapped with this role would be able to access only the TCM screens through the console
- User will also be able to Switch between the releases and Environments using the "User Preferences" Option.

#### 6.1.1.4 Vercon

- This Role is for meant for Vercon Team. Users mapped with this role would be able to access only the bulk gen operation through the console
- User will also be able to Switch between the releases and Environments using the "User Preferences" Option.

New User will be created by RADTOOL user. After adding one user as Release Administrator, using same user we can create as many users. Use RADTOOL user to create only one user with role as Release Administrator.

User Definition				I	× I	17 B	_ ×
- User Details							
User ID * User Name User Password Default Release Default Environment		W	ork Directory	CLS XML Form			
		ase Code			ser Role	+-	
E FCUBS_12.0.	-			Developer	•	_	
Modification Numb	er 2	Maker Id DEMOUSER	ker Id DEMOUSER Maker Date Stamp 2			3-09-03 16:15:45	
							Close

Fig 4.4.1: Creating New User by RADTOOL user

Us	er De	nition						×
	Info	rmation				>	< 🕺 🖾 🖉 🖞	Ъ 🛸
			Error Descrip	tion	Erro	or Code	-	
			RD-SAVE-004 I Record S	Successfully Updated	RD-	VALS-00		
						Ok	nalting thenticalion Iser Role	
		Modi	fication Number 3	Maker Id RADT		Maker Date Slan	np 2013-09-04 11 25/30	
								Close

#### Fig 4.4.1: After Successful Creation of New User

#### Modifying User

User can modify by launching detailed user creation screen; Click on enter query; Enter the user id and click on execute query button .It will retrieve user details and display. Except user id all fields can be modified.

User Definition					_ ×
					17 16 16
- User Details					
User Name User Password		=	Save Format Work Directory Excel format	Zip  XLS  XLS  XLS  XLS  XLS  XLS  XLS  XLS	
Default Release Default Environment	FCUBS_12.0.2			CML Formatting	
					+-
		ase Code		User Role	<b>^</b>
FCUBS_12.0.2		×=		Developer -	
FCUBS_12.0.3	2.CITI_DEV	<b>₽</b> ≣		Release Admin 👻	
					Ŧ
Modification Number	er 3	Maker Id RADTOOL	Maker	Date Stamp 2013-09-04	11:35:30
					Close

Fig 4.5.1: Unlocked User for Modification

### 6.2 User Summary

This screen will be used to get details of all users already exists in the Workbench. Click on execute query button, it will display all available releases in grid view. Double click on the particular user it will take us to detailed screen.

User Summary	User ID * DEMOUSE	R			Search Re	_ eset		
	<< 10f11 >>>							
	User Id		User Nar	ne	Default Release			
	DEMOUSER		DEMOUSER		FCUBS_12.0.2			
<		III				v F		
						Close		

Fig 4.6.1: Summary Screen for User

# 7 Key Points:

- 1. Use user name RADTOOL to create new release.
- 2. In Release Creation, Release Code and Release type are mandatory.
- 3. In Environment creation Environment Code, Release Code, Language and JNDI Name are mandatory.
- 4. In user creation provide User Id, Password, Default Release, Default environment, Save Format ,Work Directory
- 5. Default release selected should be available in the user releases multi record grid. Otherwise Login would be un successful

# 8 Appendix

### 8.1 File Manager

File Manager Servlet will be shipped along with Workbench sources. This application helps in copying files from one machine to another

This application has to be deployed for successfully deploying files to the FLEXCUBE application server from Workbench

### 8.1.1 File Manager Deployment:

File Manager has to be deployed in the server hosting FLEXCUBE (for which environment is created in Workbench)

IP address of the Workbench server has to be mentioned in the property file of File Manager

Path: FileManager\WEB-INF\classes\com\ofss\manager File: fileupload.properties

This file should have the IP address of the server where ODT is hosted. If more than one Workbench server is accessing the same FLEXCUBE application (or in case of servers in cluster), multiple IP address can be provided separated by semi colon

🖹 FileManager.war - WinRAR									
File Commands Tools Favorites Options Help									
Add Extract To Test View Delete Find	Wizard Info	VirusScan Comment	SFX						
E FileManager.war\WEB-INF\classes\com\ofss\manager - ZIP archive, unpacked size 70,612 bytes									
Name	Size Packed	Туре	Modified 🕹	CRC32					
		Folder							
📝 fileupload.properties	24 24	File properties	8/30/2010 12:49 PM	AB525F49					
FileManageServlet.class	12,096 12,096	File class	8/13/2010 3:09 PM	59573007					
View - fileupload.properties			×						
File Edit View Help									
IPLIST = 10.184.75.204									
24 bytes		Windows text							

Fig 4.1.1: ODT File Manager path of fileupload.properties

After modifying the property file , file manager has to deployed in the server where FLEXCUBE is hosted

### 8.1.2 Maintenance in Development Workbench

File Manager has to maintained in the environment.(which links to the particular FLEXCUBE environment) .

File Manager url has to be provided in the Server File Manager url as shown in the figure

**Format:** http://<ipaddress>:<portnumber>/FileManager/FileManageServlet *Example:* <u>http://10.184.74.143:7755/FileManager/FileManageServlet</u>

Environment Master								-	×
						×	77 3		
- Environment Details			Application Details -						
Release Code * Language Code * Description - JNDI name		×∎	Application Application IP Ad Application I Application Application Transfer JS Directory	dress Name on OS r Type	https://10.184. 10.184.132.12 FCUBS 12.0.2 Unix • File Manager /scratch/app/w	9			
- Database Details Database Instance	Details tabase Instance FCUBSDEV		UI XML Directory Server User 1 Server Pass	Name	/scratch/app/w tpani •••••				
Database Port Database IP Address Database Host Name Database Name Database Password	1521 10.184.132.131 10.184.132.131 DEV1202		Server Filemanager File Manager User I File Manager Pass	Name	https://10.184.				
Modification Number	ər <mark>5</mark>	Maker Id RA	DTOOL	Maker	Date Stamp 20	13-09-04 11		Close	

Fig 4.0.1: Workbench Environment Detailed Screen



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