Development Workbench – Administration Oracle Banking Trade Finance Release 14.5.2.0.0 [August][2021]



Contents

1	Р	Preface	2
	1.1	1 Audience	2
	1.2	2 Related Documents	2
2	Ir	Introduction	2
3	Α	Administration	2
	3.1	1 First Time Log in	3
4	R	Release	4
	4.1	1 Release Detailed	5
	4.2	2 Release Summary	10
5	E	Environment	12
	5.1	1 Environment Detailed	13
	5.2	2 Environment Summary	19
6	U	User	20
	6.1	1 User Detailed	21
	6	6.1.1 User Releases	22
	6.2	2 User Summary	26
7	K	Key Points	27
8	A	Appendix	28
8.	1	File Manager	
	8	8.1.1 File Manager Deployment:	28
	8	8.1.2 <i>Maintenance</i> in Development Workbench	28

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.
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations

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:

- <u>Chapter 2 , "Introduction"</u>
- <u>Chapter 3 , "Administration"</u>
- <u>Chapter 4 , "User Releases"</u>

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**

ORACLE FLEXCUBE Development Workbench for Universal Banking - Windows Internet Exp	olorer and a state of the state	And in case of the local division of the loc	X
ORACLE'			
	ORACLE FLEXCUBE		
De	velopment Workbench for Universal Banking		
	LOGIN		
	Password		
	Sign In		
Copyright © 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.

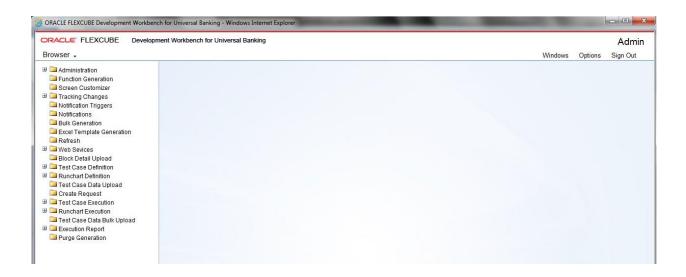


Fig 3.2: The Browser tab with Administration option

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

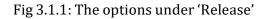


Fig 3.3: Options under Administration

4 Release

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

ORACLE FLEXCUBE Development Workbench for Universal Banking - Windows Internet Explorer	And Address of the Owner, Name		
ORACLE' FLEXCUBE Development Workbench for Universal Banking			Admin
Browser -	Windows	Options	Sign Out
Carl Administration			
B Release			
Detailed			
Environment			
🗷 🗀 User			



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

4.1 Release Detailed

Release Master					_	×
			×I	B 1	1	
- 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 👻]			
MakerId	Maker Date Stam	p				
					Close	
				L		1

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

lease Master					H	×	157	12	é
elease Detailed									
Release Code *	FCUBS_12.0.2								
Description	FCUBS_12.0.2								
Release Type	Kernel 👻								
Base Release	FCUBS_12.0.1	* E							
Environment									
Remarks									
Release SPC	anuradha.santhanagopalan@oracle.co	m							
Stream Name									
Cluster Name									
Custom Name									
Release Stage									
Application Name									
	Migrate Test Case Data								
	From Base Release								
Modification	n Number 1		Release Status	Open	-				
	Maker Id PANDETIP		Maker Date Stamp	2012-1	2-18 0	6:15:24			
								C	lose

Fig 3.1.3: Creating a Release

Release	Master			
			📄 📓 🔀	I I I 🔒 😸
	e Detailed			
	Information	n	×	
		Error Description	Error Code	
		RD-SAVE-004 I Record Successfully Updated	RD-VALS-00	
			- Ok	
-		Maker Id RACITOOL	Maker Dale Stamp 2013-09-04 11 1	9.27
				Close
				S

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		×
		i G 🗙 🗆 🕼 🔞
Release Detailed		×
Release Code * Description Release Type Base Release Environment Remarks Release SPIC Stream Name Cluster Name Custor Name Release Stage	Release Code Release Code Release Code CLUSTER_DUMMY DEFAULT ECEL CM 12.0.2 DEV	Search Reset
Application Name	FCIS_12.0.2.0.0 p- FCUBS_12.0.3.0.0 -p CFCUBS_12.0.2 b b	
Make.	FCUBS_12.0.2_CLUSTER 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						_ ×
				🔚 🗙 İ I	īЯ	ት 🖆
- 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@ora	icle.com				
Stream Name						
Cluster Name						
Custom Name						
Release Stage						
Application Name	_					
	Migrate Test Case Data From Base Release					
	FIOITI Dase Release					
Modification	n Number 2		Release Status Oper			
	Maker Id RADTOOL		Maker Date 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							-
					×	17 3	1
elease 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@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
							CIUSE

Fig 3.1.9: Release after unlock

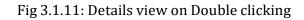
4.2 Release Summary

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.

				-	<< < 10f1	> >
Γ	Release Code	Description	Release Type	Release Number	Base Release	
	FCUBS_12.0.2.CITI_DE	FCUBS_12.0.2.CITI_DE	KERNEL		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	
•						F.

Fig 3.1.10: The Summary of a Release

Release M	Master Summary Release Code Description	<u>/</u> :		[Search Reset	- ×
1	Release Code	Description	Release Type	Release Number	Base Release	
	FCUBS 12.0.2.CITI DE			Neicuse Humber	FCUBS 12.0.1.6	
	Release Master	0000 12.0.2.011 02			10000 12.0.1.0	_ ×
_	Release Detailed					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.ramabadrar	n@oracle.com			
	Stream Name					
	Cluster Name					
	Custom Name					
	Release Stage					
	Application Name		1-			
		Migrate Test Case Da From Base Release	ita			
	Modification	n Number 1		Release Status	s Open 👻	
		Maker Id PANDETIP		Maker Date Stam	2012-12-21 11:31:00	
						Close



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

RACLE' FLEXCUBE Development Workbench for Universal Banking		Admi
rowser .	Windows Option	s Sign Out
Administration		
⊞ ⊡a Release ⊐ ⊡a Environment		
Detailed		
B 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		_ ×
		📔 🖫 🗵 🗹 🍃 🖆
- Environment Details	- Application Details	
Environment Code *	Application URL	
Release Code *	Application IP Address	
Language Code *	Application Name	
Description	Application OS	Unix 👻
- JNDI name	Application Transfer Type	File Manager 🔻
JNDI Name *	JS Directory Path	
- Database Details	UI XML Directory Path	
Database Instance	Server User Name	
Database Instance	Server Password	
Database IP Address	Server Filemanager URL	
Database Host Name	File Manager User Name	
Database Name	File Manager Password	
Database Password		Test Environment
Modification Number	Maker Id Make	r Date Stamp
Modification Number	Makering	
		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 INDI

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 jndi 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.

DRACLE' FLEXCUBE Development Workbench for Universal Banking	Admir
Browser -	Windows Options Sign Out
a Carl Administration	User Preferences
B Release	Change Password
Le Constant Le Const Le Constant Le Constant Le Constant Le Constant	Launch FLEXCUBE UB
Summary	Accessibility Help
Generation 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)

 $UNIX \rightarrow$

/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 $\rightarrow \underline{((10.184.46.209))}$ UNIX \rightarrow

/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 Master				_ ×
				1 17 12 15
- Environment Details		Application Details		
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 📲	Application Name	FCUBS 12.0.2	
Description	12.0.2 DEV	Application OS	Unix 👻	
- JNDI name		Application Transfer Type	File Manager 👻	
INDI Name *	jdbc/DEV1202	JS Directory Path	/scratch/app/wl1032/us	
- Database Details	,	UI XML Directory Path	/scratch/app/wl1032/us	
		Server User Name	tpani	
	FCUBSDEV	Server Password	•••••	
Balababbi fold	1521	Server Filemanager URL	-	
	10.184.132.131	File Manager User Name)	
	10.184.132.131	File Manager Password	1	
Databasertanie	DEV1202		Test Environment	
Database Password	•••••			-
Modification Number	r 4	Maker Id RAM Mak	er Date Stamp 2013-07-10	15:39:55
				Close

Fig 3.2.4: Creating a new Environment

Envir	eat Maste								×	<u>× .</u>	2 1		×
Envi	ormation									2.1283			
		E	rror Descri	ption			Error Co	ode	*	A. 1887.1			
	!	RD-SAVE-0	04 I Record	Success	fully Upd	ated	RD-VAL	S-00					
JND									- Ok	0322005 0322005			
	Modificat	ion Number S			Maker I	d ReDitor	Make	r Date Sia	mp 201	3-03-04-1	121:52		
											[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.

Enviro	onne	ent Mast	er.							×
Еви	Info	ormation					×		2 1)
			Er	ror Description	1	Error Code	*	2.129.3		
					cessfully Updated	RD-VALS-00				
JND Dat							Ok] 0.32/us 0.32/us		
		Modificat	ion Number 5		Maker Id RADTOO	Maker Date	Slamp 20	13-03-04 (1	131:52	
										Close

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.

Envi	ironment Code	∧= 	-	age Code se Name Instance		Search Reset	
	Environment Code	Environment Name	Release Code	Languag	je Code	Sector State St	>>
	FCUBS_12.0.2_FCDEV	FCUBS_12.0.2_FCDEV	FCUBS_12.0.2	ENG	-	KD12NEW	1.
	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	•
	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	1.
	FCUBS_12.0.2_FC120	FCUBS_12.0.2_FC120;	FCUBS_12.0.2	ENG		CPU11G2	•
•							•
						[С

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

User Name	Save Format Zip Vork Directory Excel format XML Formatting LDAP Authentication
User ID * User Name User Password Default Release	Vork Directory Excel format XLS - XML Formatting
User Name W User Password Default Release	Vork Directory Excel format XLS - XML Formatting
User Password Default Release	Excel format XLS - XML Formatting
Default Release	XML Formatting
Default Environment	LDAP Authentication
	+ -
Release Code	User Role 🔦
	-
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-</u> <u>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
 - $\circ~$ 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*

LDAP Fropercies 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

- o Release Administrator
- o Developer
- 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 Details User Name DEMOUSER User Name DEMOUSER User Password OPERATION Default Release CUBS_12.0.2 PERATION Default Environment CUBSDEV1202_DEV PERATION CLDAP Authentication CCUBS_12.0.2 PERATION CCUBS_12.0.2 PERATION CCUSS_12.0.2 PERATION CCUSS_12.0.2 PERATION CCUSS_12.0.2 PERATION CCUSS_12.0.2 PERATION CCUSS_12.0.2 PERATION					 5 6 5
User Name DEMOUSER Work Directory User Password Excel format XLS Default Release FCUBS_12.0.2 Default Environment FCUBSDEV1202_DEV FCUB	- User Details				
Release Code User Role	User Name User Password Default Release	DEMOUSER •••••• FCUBS_12.0.2	Work Director Excel forma	y XLS V XLS V XML Formatting	
					+-
· · · · · · · · · · · · · · · · · · ·					
Modification Number 2 Maker Id DEMOUSER Maker Date Stamp 2013-09-03 16:15:45 Close					*

Fig 4.4.1: Creating New User by RADTOOL user

Us	oer De	eñaitioa				*** ×
	Info	rmation			×	🛛 🗖 🖉 🍗 🕾 👘
			Error Description		Error Code	
			RD-SAVE-004 Record Success	fully Updated	RD-VALS-00	
					Ok	nalting thentication
		Modi	fication Number 3	Maker Id RADTOOL	Maker Date Slam	p 2013-09-04 11 35:30
						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					_ ×
					13 16
- User Details					
User ID * User Name User Password	DEMOUSER	_	Save Format Work Directory Excel format	Zip XLS	
Default Release Default Environment	FCUBS_12.0.2	E	[LDAP Authentication	
					+-
		ase Code		User Role	^
FCUBS_12.0.		71		Developer -	
FCUBS_12.0	2.CIT_DEV	* =		Release Admin 👻	
					-
Modification Numb	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		R				_ ×
	User ID * DEMOUSE	R r			Search Rese	et
					<< < 10	of11 > >>
	User Id		User Na	me	Default Relea	ase ^
	DEMOUSER		DEMOUSER		FCUBS_12.0.2	
۲		m				~
						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	
FileManager.war\WEB-INF\classes\com\ofss\manager	- ZIP archive, unpacked si	ze 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							_ ×
					XI	17 1	-
- Environment Details	- App	lication Details –					
Environment Code * FCUBS_12.0.2_DEV12		Application	URL	https://10.184.	132.129:7		
Release Code * FCUBS_12.0.2	* = ,	Application IP Add	dress	10.184.132.12	9		
Language Code * ENG 🏴		Application N	Name	FCUBS 12.0.2			
Description 12.0.2 DEV]	Applicatio	on OS	Unix 👻		_	
- JNDI name	Ap	plication Transfer	г Туре	File Manager	•		
JNDI Name * jdbc/DEV1202]	JS Directory	y Path	/scratch/app/w	11032/us		
- Database Details	1	UI XML Directory	y Path	/scratch/app/w	11032/us		
	1	Server User N	Name	tpani			
Database Instance FCUBSDEV]	Server Pass	sword	•••••			
Database Port 1521 Database IP Address 10.184.132.131	Se	erver Filemanager	r URL	https://10.184.	132.129:7		
	File	e Manager User N	Name				
	Fi	ile Manager Pass	sword				
Database Name DEV1202 Database Password]			Test Envi	ronment		
Modification Number 5	Maker Id RADTO	OL	Maker	Date Stamp 20	13-09-04 1	1:31:52	
							Close

Fig 4.0.1: Workbench Environment Detailed Screen



02-Development WorkBench-Administration [August] [2021] Version 14.5.2.0.0

Oracle Financial Services Software Limited Oracle Park Off Western Express Highway Goregaon (East) Mumbai, Maharashtra 400 063 India

Worldwide Inquiries: Phone: +91 22 6718 3000 Fax:+91 22 6718 3001 www.oracle.com/financialservices/

Copyright © 2020, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.