Development Workbench – Administration Oracle Banking Trade Finance Release 14.8.0.0.0 Part No. G30072-01

[April] [2025]



Contents

1	Pı	reface	2
	1.1	Audience	2
	1.2	Related Documents	2
2	In	ntroduction	2
3	A	dministration	2
	3.1	First Time Log in	3
4	R	elease	4
	4.1	Release Detailed	5
	4.2	Release Summary	.10
5	E	nvironment	.12
	5.1	Environment Detailed	.13
	5.2	Environment Summary	.19
6	U	ser	.20
	6.1	User Detailed	.21
	6.	.1.1 User Releases	.22
	6.2	User Summary	.26
7	K	ey Points	.27
8	A	ppendix	.28
8.	1	File Manager	28
	8.	.1.1 File Manager Deployment:	.28
	8.	.1.2 Maintenance 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 Explorer	
ORACLE	
ORACLE FLEXCUBE	
Development 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.

Browser - Browse	Windows	Options	Sign Out
Comparing the second seco			



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

4.1 Release Detailed

Release Master			_ >
			x I II II 🔓
- 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	Rel	ease Status Open 👻	
Maker Id	Maker	Date Stamp	
			Close
			ši

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.
 - \circ $\;$ 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

Release Master										-	×
						×	X	157	Ъ	6	
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@oracle.com]									
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	12-18	06:15:2	4				
									С	lose	

Fig 3.1.3: Creating a Release

Release I	Master					
					× .	J 🏠 🔛
Release	Detailed					
	Information	n			×	
		Error Description		Error Code	<u>^</u>	
		RD-SAVE-004 Record Successful	Illy Updated	RD-VALS-00		
					Ok	
		Maker Id RACITCIOL	M	aker Dale Stamp 2013-	-09-04 11:19 27	
						Close

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 Detailed Release Code X Release Code * Base Code X Base Release Release Code X Environment Release SPC Stream Name Stream Name Release Code X	"
Release Code Release Code Description Release Type Base Release Environment Remarks Release SPC Stream Name Release Code Release Code	i i 🗶 🔁 💋
Release Code *	
Cluster Name Custom Name Release Stage Application Name From t Modification Num Make CLUSTER_DUMMY DEFAULT FCELCM_12.0.2_DEV FCELCM_2.0.0 FCUBS 12.0.2.00 FCUBS 12.0.3.0.0 -p FCUBS 12.0.2_CUSTER FCUBS_12.0.2_CLUSTER FCUBS 12.0.2_CUSTOM	se Code X Release Code Search Reset Reset Release Code Release Code USTER_DUMMY FAULT ELCM_12.0.2_DEV ELCM_2.0.0 UBS_12.0.2_0 UBS_12.0.2_0 UBS_12.0.2_CLUSTER UBS_12.0.2_CLUSTER UBS_12.0.2_CLUSTER UBS_12.0.2_CLUSTER UBS_12.0.2_CLUSTER UBS_12.0.2_CLUSTER UBS_12.2_ACESABILITY UBS_12.2_ACESABILITY UBS_12.2_MODELBANK
Kelease_Detailed	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 I I7	a 🖻
- 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@oracle	.com			
Stream Name					
Cluster Name					
Custom Name					
Release Stage					
Application Name					
	Migrate Test Case Data From Base Release				
Modification			ease Status Open 🔻		
	Maker Id RADTOOL	Makerl	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.

Release Master							-	×
					×	17 3	2	
- Release 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@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	1

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					
_	Base Release	Release Number	Release Type	escription	Release Code	Γ
	FCUBS_12.0.1.6		KERNEL	85_12.0.2.CITI_DE	FCUBS_12.0.2.CITI_DE	
			DEFAULT	ULT	DEFAULT	
			KERNEL	S 12.0.3.0.0	FCUBS 12.0.3.0.0	
:	12.0.2.0.0		KERNEL	12.0.2.0.0	FCIS_12.0.2.0.0	
	FCUBS_12.0.2		CUSTOM	S_12.2_MODELB	FCUBS_12.2_MODELB	
	FCUBS_12.0.2		KERNEL	CM_12.0.2_DEV	FCELCM_12.0.2_DEV	
TL			KERNEL	S_12.2_ACESABI	FCUBS_12.2_ACESABI	
			CUSTOM	S_12.0.2_CUSTC	FCUBS_12.0.2_CUSTC	
	FCUBS_12.0.2		CLUSTER	S_12.0.2 Cluster	FCUBS_12.0.2_CLUST	
TT.	FCUBS_12.0.1		KERNEL	S_12.0.2	FCUBS_12.0.2	
F.					III	•

Fig 3.1.10: The Summary of a Release

	Summary ase Code escription	/ =		[Search Reset	- ×
	Release Code	Description	Release Type	Release Number	Base Release	
		FCUBS 12.0.2.CITI DE		Neleuse Number	FCUBS 12.0.1.6	
	Master	12.0.2.0111 DE	REIGHEE		10000 12.0.1.0	_ ×
						Ъ 🖻
- Releas	e Detailed					
	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					
	Release Stage					
	Application Name		-1-			
		Migrate Test Case D From Base Release	ata			
	Modification	n Number 1		Release Status		
		Maker Id PANDETIP		Maker Date Stamp	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

ORACLE FLEXCUBE Development Workbench for Universal Banking		Admir
Browser -	Windows Options	Sign Out
Canada		
🕱 🗀 Release		
Detailed		
🕞 Summary 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	
	Server User Name	
Database Instance	Server Password	
Database Port	Server Filemanager URL	
Database IP Address	File Manager User Name	
Database Host Name	File Manager Password	
Database Name		Test Environment
Database Password		
Modification Number	Maker Id Make	r Date Stamp
		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.

DRACLE' FLEXCUBE Development Workbench for Universal Banking	Adm
Browser -	Windows Options Sign Out
a 🖾 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-</u> <u>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		_ ×
		📄 🔚 🗶 II 😿 🍃 泸
- Environment Details	- Application Details	
Environment Code * FCUBS_12.0.2_DEV12 Release Code * FCUBS_12.0.2	Application URL	https://10.184.132.129:7 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 🔻
JNDI Name * jdbc/DEV1202	JS Directory Path	/scratch/app/wl1032/us
- Database Details	UI XML Directory Path	/scratch/app/wI1032/us
	Server User Name	tpani
Database Instance FCUBSDEV	Server Password	•••••
Database Port 1521	Server Filemanager URL	
Database IP Address 10.184.132.131	File Manager User Name	
Database Host Name 10.184.132.131	File Manager Password	
Database Name DEV1202		Test Environment
Database Password		
Modification Number 4	Maker Id RAM Make	r Date Stamp 2013-07-10 15:39:55
		Close

Fig 3.2.4: Creating a new Environment

Envir	onm	eot Maste	91										. ×
	Info	ormation							×	×	.e 1	0	
Епч													
			Err	or Descriptio	n		Error C	ode	*	2.1391			
					 cessfully Update	ed	RD-VAL		_				
					, ,								
JND													
										02266			
Date										032/05			
									Ŧ				
									Ok				
		Modificati	Ion Number 5		Maker Id F	COTO 3L	Make	ir Crate Sia	amp 201	13-09-04-1	3452		
												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	nmeat Ma	ster		72	
Епи	Informatio	on			×× 🖬 🖉 🍙 🔗
		Error Descri	ntion	Error Code	2.1291
				RD-VALS-00	
- JND Data				[032/05 032/05
	Modific	ation Number 5	Maker Id RADTOOL	Maker Date Sla	amp 2013-09-04 11 31:52
					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.

	ronment name	×۲.	Databa Database	se Name	Search	Reset	
	Environment Code	Environment Name	Release Code	Language		< 1of3 >	>>
	FCUBS_12.0.2_FCDB	FCUBS_12.0.2_FCDEV	FCUBS_12.0.2	ENG	KD12NEV	v	•
	FCUBS_12.0.2_FC12	0:	FCUBS_12.0.2	ENG	KD12NEV	٧	•
	FCUBS_12.0.2_FCUB	19	FCUBS_12.0.2	ENG	FC122MA	т	•
	FCUBS_12.0.2_ENV1	Environment For Mallika	FCUBS_12.0.2	ENG	FCUBSUF	P	•
	FCUBSDEV1202_DE	V	FCUBS_12.0.2	ENG	FCUBSDE	EV	•
	DEFAULT	DEFAULT	DEFAULT	ENG	1][
	FCUBS_12.0.2_DEV1	2 12.0.2 DEV	FCUBS_12.0.2	ENG	FCUBSDE	EV][
	FCUBS_12.2_MODE	B FCUBS_12.2_MODELB	FCUBS_12.2_MODELB	ENG	ORCL] [
	FCUBS_12.0.2_FC12	D FCUBS_12.0.2_FC12D	FCUBS_12.0.2	ENG	KERDEV3	1	ŀ
	FCUBS_12.0.2_FC12	0: FCUBS_12.0.2_FC120:	FCUBS_12.0.2	ENG	CPU11G2	!	ŀ
•	III						Þ
						Γ	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

ser Definition			_ 1
			3 6
User Details			
User ID *	Sa	ave Format Zip 👻	
User Name	Wor	k Directory	
User Password	E	xcel format XLS 👻	
Default Release		XML Formatting	
Default Environment		LDAP Authentication	
			+-
	Release Code	User Role	<u>^</u>
			Ŧ
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 Froperties 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
- \circ 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.

ser Definition							_ ×
					XII	17 1	-
User Details							
User ID * User Name User Password	DEMOUSER DEMOUSER		Save Format Work Directory Excel format	Zip XLS 🔻	▼		
Default Release Default Environment	FCUBS_12.0.2	•		XML Form			
	Rela	ase Code			ser Role	+-	1
FCUBS_12.0.			Developer -				
						-	
Modification Number	er 2	Maker Id DEMOUSER	Maker	Date Stamp 2	013-09-03	16:15:45	
						(lose

Fig 4.4.1: Creating New User by RADTOOL user

Us	er D	efieitioe								*** ×
	Info	rmation					×	×	2 Ъ	÷
			Error Descrip			Error Code	^	-		
		!	RD-SAVE-004 Record	Successfully Updated		RD-VALS-00				
								naiting thenticalion		
									+-	
							+	Iser Role	^	
							Ok			
									v	
		Mod	dication Number 3	Maker Id Ra	DTOOL	Maker D	ate Slamp	2013-09-04 1		lose

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 13 15
- User Details					
User ID User Name User Password Default Release Default Environment			Save Format Work Directory Excel format	Zip XLS XLS XLS XML Formatting LDAP Authentication	
					+-
	Releas	se Code		User Role	*
FCUBS_12.0	.2	×=		Developer -	
FCUBS_12.0).2.CITI_DEV	×=		Release Admin 🔻	
					Ŧ
Modification Numb	per 3	Maker Id RADTOOL	Maker	Date Stamp 2013-09-04 1	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 Summa	ary				_ ×
	User ID * DEMOUSER	21		Search Res	et
				<< < 1	of11 > >>
			Jser Name	Default Rele	ease ^
	DEMOUSER	DEMOUSER		FCUBS_12.0.2	
۲.		117			
					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			_ ×
			📄 🖪 🗶 I II 🛛 🖆 📂
- Environment Details		- Application Details	
	FCUBS_12.0.2_DEV12 FCUBS_12.0.2	Application URL Application IP Address Application Name Application OS Application Transfer Type	https://10.184.132.129:7 10.184.132.129 FCUBS 12.0.2 Unix File Manager
JNDI Name * - Database Details	jdbc/DEV1202	JS Directory Path UI XML Directory Path Server User Name	/scratch/app/wl1032/us /scratch/app/wl1032/us tpani
Database Instance	FCUBSDEV	Server Password	•••••
Database Port	1521	Server Filemanager URL	https://10.184.132.129:7
Database IP Address Database Host Name Database Name	10.184.132.131 10.184.132.131 DEV1202	File Manager User Name File Manager Password	Test Environment
Database Password	•••••		Test Environment
Modification Number	er 5 Maker Id	RADTOOL Make	r Date Stamp 2013-09-04 11:31:52
			Close

Fig 4.0.1: Workbench Environment Detailed Screen



02-Development WorkBench-Administration

[April] [2025] Version 14.8.0.0.0

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 © 2025, 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.