Development Workbench - Administration Oracle FLEXCUBE Investor Servicing Release 14.7.4.0.0 Part No. F94456-01 [March] [2024]





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

1.2 Related Documents

<u>01_ODT_Installation.pdf</u> <u>03-Development_WorkBench_Getting_Started.pdf</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**

SRACLE FLEXCUBE Development Workbench for Universal Banking — Mozilla Firefox		-	×
O 🕹 😅 whf00iqw:8088/FCJRADTool142GA/RadLogin.jsp			=
ORACLE			
	Oracle FLEXCUBE Development WorkBench for Universal Banking		
Co	pyright © 2007, 2016, Oracle and/or its affiliates. All rights reserved.		

Fig: 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.

🍯 ORACLE FLEXCUBE Development Workbench for Universal Banking — Mozilla Firefox	-		×
O A a ² whf00iqw:8088/FCJRADTool142GA/RADLoginServlet#nogo		☆	=
ORACLE: FLEXCUBE Development Workbench for Universal Banking		Adr	min
×	Windows Options	Sign O	lut
▶ Administration			
Function Generation			
Screen Customizer			
Tracking Changes			
Notification Triggers			
Notifications			
Bulk Generation			
Excel Template Generation			
Refresh			
Block Detail Upload			
▶ Test Case Definition			
Runchart Definition			
Test Case Data Upload			
Create Request			
▶ Test Case Execution			
▶ Runchart Execution			
Test Case Data Bulk Upload			
► Execution Report			
Purge Generation			
Services			
Service Refresh			
Annotation Mapping			
Customer Landing Page			
Lov Modifier			

Fig: The Browser tab with Administration option

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

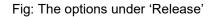


Fig: Options under Administration

4. Release

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

)
🕽 🖄 🕫 whf00iqw:8088/FCJRADTool142GA/RADLoginServlet#nogo		☆	1
ORACLE: FLEXCUBE Development Workbench for Universal Banking		Ad	miı
×	Windows Option:	s Sign C	Jut
dministration			
▲ Release			
Detailed			
Summary			
Environment			



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

4.1 Release Detailed

Release Master							_ >
					X	17 🍙	6
Release Detailed							Close
Release Code *							
Description							
Release Type	Kernel V						
Base Release			Q				
Environment							
Remarks							
Release SPC							
Stream Name							
Cluster Name							
Custom Name							
Release Stage							
Application Name							
	Migrate Test Case Data From						
В	lase Release						
Modification Nur	mber]	Release Status	Open 🗸			
Mal	ker ld]	Maker Date Stamp				

Fig: 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, and 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

Description 14.5 Release Type Ken Base Release FCIS Environment FCIS Remarks Release SPC	S_145_SUPPORT Support nel v 	<u>y</u>	٥		×	<u>1</u>	Close
Release Code * FCIS Description 14.5 Release Type Ken Base Release FCIS Environment FCIS Remarks Release SPC	Support nel V S_145_SUPPORT	۶.	D				Close
Description 14.5 Release Type Ken Base Release FCIS Environment FCIS Remarks Release SPC	Support nel V S_145_SUPPORT	کر ا	0				
Release Type Kerr Base Release FCIS Environment FCIS Remarks Release SPC	nel V S_145_SUPPORT	<u>x</u>	D				
Base Release FCIS Environment FCIS Remarks Release SPC	5_145_SUPPORT	<u>×</u>	0				
Environment FCIS Remarks Release SPC		<u></u>	Ο				
Remarks Release SPC	S_145_SUPPORT						
Release SPC							
Stream Name							
Cluster Name							
Custom Name							
Release Stage							
Application Name							
Base	rate Test Case Data From Release						
Modification Number	2		Release Status	Open 🗸			
Maker Id	RADTOOL		Maker Date Stamp	2022-11-18 1	7:57:49		

Fig: Creating a Release

In	formatio	n													
, Ir	formatic	n Descrip	ption					Info Cod	ormation le			< I	19	6	Close
	RD-S	AVE-004 I	Record	I Successf	ully Upo	dated								-	
	-														
									_						
									Ok						
		Custom	Name												
		Release													
	A	pplication I	Name												
				Migrate Te Base Release	est Case	Data From									
					58										
		Modific	ation Nu						ease Status						
			Mal	ker Id RAD	TOOL			Maker (Date Stamp	p 2022	-11-18 16:3				

Fig: 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 Release Code * Description	I I I I II II II II II III III III III

Fig: 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				×
	📄 İ 📊 🗶 İ 🗉	17		
Release Detailed	Release Code X		Close	
Release Code *		1		
Description	Release Code			
Release Type				
Base Release	Search Reset			
Environment				
Remarks	<< < 10f4 > >>			
Release SPC	Release Code			
Stream Name	14.5_Kernel_Europe_Supp			
Cluster Name	DEFAULT			
Custom Name	FC144REL			
Release Stage	FC146INV			
Application Name	FCELCM_14.5_NLS			
Ba	FCELCM 14.5 SUPPORT			
Modification Num				
Make				
	FGIS_121_SUFFORT			
	FCIS_124_SUPPORT			
	FCIS 14.7 DEV			
	ECIS_145_SUPPORT			
	FCIS_146_MAINT_DLY			
	FCIS_146_SUPPORT			
	FCUBS145_EUROPE			
	FCUBS146_EUROPE			

Fig: Selecting Release from LOVs

After selecting release code click on execute query.

Release Master						_ ×
				XI	1	6
Release Detailed						Close
Release Code *	FCIS_14.7_DEV	P				
Description						

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

Modifying a Release:

Click on unlock button.

	Type Kernel FCIS_145_SUPPORT FCIS_145_SUPPORT arks SPC			x E 🕼 🍃	– Close
Descript Release Ty Base Relea Environm Rema Release Si Stream Na Cluster Na	tion 14.5 Support Type Kernel ✓ FCIS_145_SUPPORT nent FCIS_145_SUPPORT arks SPC			x t 😿 🍃	
Release Co Descript Release Ty Base Relea Environm Rema Release St Stream Nai Cluster Nai	tion 14.5 Support Type Kernel ✓ FCIS_145_SUPPORT nent FCIS_145_SUPPORT arks SPC				
Descript Release Ty Base Relea Environm Rema Release Si Stream Na Cluster Na	tion 14.5 Support Type Kernel ✓ FCIS_145_SUPPORT nent FCIS_145_SUPPORT arks SPC				
Descript Release Ty Base Relea Environm Rema Release Si Stream Na Cluster Na	tion 14.5 Support Type Kernel ✓ FCIS_145_SUPPORT nent FCIS_145_SUPPORT arks SPC				
Release ^T Base Relea Environm Rema Release S Stream Na Cluster Na	Type Kernel V PCIS_145_SUPPORT FCIS_145_SUPPORT arks SPC				
Base Relea Environm Rema Release Si Stream Na Cluster Na	PCIS_145_SUPPORT PCIS_145_SUP				
Environm Rema Release SI Stream Na Cluster Na	nent FCIS_145_SUPPORT arks SPC				
Rema Release Si Stream Na Cluster Na	arks SPC				
Release Si Stream Na Cluster Na	SPC				
Cluster Na	ame				
Custom No.	ame				
Custom Na	ame				
Release Sta	tage				
Application Na	ame				
	Migrate Test Case Data From Base Release				
	Base Release				
Modificatio	ion Number 2	Rel	ease Status Open 🗸		
	Maker Id RADTOOL	Maker	Date Stamp 2022-11-18 17:5	57:49	

Fig: 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							_ ×
					X	17 6	
Release Detailed							Close
Release Code	FCIS_145_SUPPORT						
Description	14.5 Support						
Release Type	Kernel V						
Base Release	FCIS_145_SUPPORT	2					
Environment	FCIS_145_SUPPORT						
Remarks							
Release SPC	gayathri.loganathan@oracle.com						
Stream Name							
Cluster Name							
Custom Name							
Release Stage							
Application Name							
	Migrate Test Case Data From Base Release						
Modification N	lumber 2	Release	e Status Open	~			
м	aker Id RADTOOL	Maker Date	e Stamp 2022-11	1-18 1	7:57:49		
<u> </u>							

Fig: Release after unlock

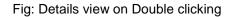
4.2 Release Summary

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.

	Release Code	٩		Sea	rch Reset
				<<	< 1of4 > >>
	Release Code	Description	Release Type	Release Number	Base Release
	OBTF_EBR_1	OBTF 14.6 Innovation De	KERNEL		
	FCUBS_14.5_DEV_NSS	FCUBS_14.5_DEV_NSS	KERNEL		
	14.5_Kernel_Europe_Sup	14.5_Kernel_Europe_Sup	KERNEL		
	FCUBS_14.3.0.0.0	As Requested By VERCC	KERNEL		
	FCUBS145_EUROPE	FCUBS145_EUROPE_SI	KERNEL		FCUBS_14.0_SUPP
	FCUBS146_EUROPE	FCUBS146_EUROPE_SI	KERNEL		FCUBS_14.0_SUPP
	FCUBS_14.7_DEV	FCUBS_14.7_DEV	KERNEL		
	OBTF_14.5_Support	OBTF 14.5 Support	KERNEL		OBTF_14.6.0.0.0
	OBTR_14.5_SUPPORT	OBTR_14.5_SUPPORT	KERNEL		
	FCELCM_14.5_SUPPOR	FCELCM_14.5_SUPPOR	CUSTOM		FCELCM_14.5_SUPF
	DEFAULT	DEFAULT	DEFAULT		~
<					>

Fig: The Summary of a Release

Release Code	Q		Saarah Dacat	CI	ose		
Description	Release Master		Caston Bacat				
	Release Detailed				X	1	°⊒ ≦ ⊂
Release Code	Reicase obue -						
FCIS_145_SUPPC	Description	14.5 Support Kernel V					
FCIS_146_SUPPC	Release Type	FCIS_145_SUPPORT					
FCELCM_14.5_SU	Base Release Environment	FCIS_145_SUPPORT					
FCELCM_14.5_NL	Remarks						
JC7KERNLREL	Release SPC						
JC7CLUSREL	Stream Name						
IT5KERNLREL	Cluster Name						
IT5CLSLREL	Custom Name						
_	Release Stage						
IT6KER	Application Name	Migrate Test Case Data From					
IT6CLS		Base Release					
☐ IT6KERINV	Modification N	umber 2	Release State	us Open 🗸			
<		aker Id RADTOOL	Maker Date Stan		17:57:49		

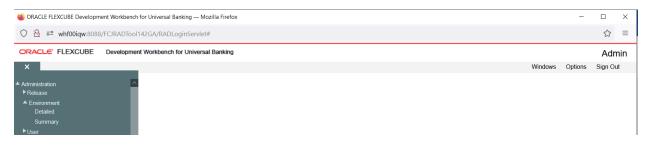


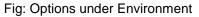
5. Environment

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





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

5.1 Environment Detailed

invironment Master				
nvironment Details	Apr	olication Details		Close
Environment Code *		Application URL		
Release Code *	Q	Application IP Address		
Language Code *		Application Name]
Description		Application OS	Unix v	
NDI name		Application Transfer Type	File Manager 🗸	
JNDI Name auto populated		JS Directory Path]
		UI XML Directory Path]
atabase Details		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		T (1)		
Database Password		Test JN	IDI Test Environment	
Modification Number	Maker Id	Maker D	ate Stamp	
L				

Fig: The Detailed Screen for Environment

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

For Example: FCIS_14.7_DEV

- **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 jndi of the data source is changed, Application server has also to be updated with the same

Application Details:

- Application URL: Enter valid FCIS url.
- 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>05-Development WorkBench Screen Development-II.pdf</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

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

UNIX →

/oraint1/web1034/Oracle/Middleware/user_projects/domains/FCISDevDomain/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 → <u>\\\\10.184.46.209\\eng\\</u> UNIX→

/oraint1/web1034/Oracle/Middleware/user_projects/domains/FCISDevDomain/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: http://10.184.74.143:7755/FileManager/FileManageServlet

- 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						_ >
				XI	II 🎦	<u> </u>
Environment Details		Application Details 145_SUPPORT Application URL 145_SUPPORT Application IP Address 145_SUPPORT Application IP Address Application IP Address Application Name Application Name Application Name Application Transfer Type JS Directory Path UI XML Directory Path UI XML Directory Path 145SUP Server Flemanager URL 6.156.40 File Manager User Name 145SUP File Manager User Name		Close		
Environment Code *	FCIS_145_SUPPORT	Application UR	RL			
Release Code *	FCIS_145_SUPPORT	Application IP Addres	s			
Language Code *		Application Nam	ne			
Description		Application O	S Unix V			
JNDI name		Application Transfer Typ	File Manager	~		
	idhe/ECIS 145 SUDDO	JS Directory Pa	th			
JNDI Name	JUDC/FOI3_143_30FF0	UI XML Directory Pa	th			
Database Details		Server User Nam	ne			
Database Instance	FCIS145SUP	Server Passwor	rd			
Database Port	1521	Server Filemanager UR	RL			
Database IP Address	100.76.156.40	File Manager User Nam	ne			
Database Host Name	FCIS145SUP	File Manager Passwor	rd			
Database Name	ISSMS145	Tes	t JNDI Test Env	ironment		
Database Password	•••••	• (
Modification Number 1		Maker Id RADTOOL Make	er Date Stamp 202	2-10-18 12:3	0:54	

Fig: Creating a new Environment

					_ ×
Information Description			Information Code		Close
RD-SAVE-004 Recor	d Successfully Updated				
				e Manager V	
			Ok		
Database Port	1521				
	ISSMS145			Test Environment	
Database Password	******	1	Test JND	est Environment	
Modification Number 2		Maker Id RADTOOL	Maker Dat	e Stamp 2022-11-18 18:04:39	
	Database Port Database IP Address Database Host Name Database Name	Database Port Database IP Address Database Host Name Database Name Database Password	Database Port 1521 Server File Database IP Address 100.76.156.40 File Manag Database Host Name FCIS145SUP File Manag Database Password ISSMS145 File Manag	Database Port 1521 Server Filemanager URL Database IP Address 100.76.156.40 File Manager User Name Database Host Name FCIS145SUP File Manager Password Database Name ISSMS145 Test JND	Database Pot 1521 Server Filemanager URL Database Pot 1521 Server Filemanager URL Database Pots Name FCIS146SUP File Manager User Name Database Name FCIS145SUP File Manager Password Database Password ISSMS145 Test JNDI

Fig: 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.

1	Information				×
8	Information Description		Information Code		Ciose
	RD-SAVE-004 Recor	rd Successfully Updated			
				nix 🗸 e Manager 🗸	
			Ok		
L	Database Port	1521	Server Filemanager URL		
	Database IP Address	100.76.156.40	File Manager User Name		
	Database Host Name	FCIS145SUP	File Manager Password		
	Database Name	ISSMS145	Test JNDI	Test Environment	
	Database Password	******	rear and	reat covironment	
	Modification Number 2	M	aker Id RADTOOL Maker Date	e Stamp 2022-11-18 18:04:39	

Fig: 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.

Environment Code			ige Code se Name	
Release Code	٩	Database	Instance	Search Reset
				<< < 2of6 > >>
FCUBS_141_RFR	FCUBS_141_RFR	FCUBS_14.1.0.0.0_SUPF	ENG	PDB_141DEV
FCELCM_14.5_SUPPOR		FCELCM_14.5_SUPPOR	ENG	ELCM144DEV
DEFAULT	DEFAULT	DEFAULT	ENG	1
OBTR_14.7_ENV	OBTR Innovation Env.	OBTR_14.7	ENG	TR147INVDEVPDB1
OBTR_14.6_ENV	OBTR_14.6_ENV	OBTR_14.6	ENG	CONTR145PDB1
FCIS_146_MAINT_DLY	FCIS_146_MAINT_DLY	FCIS_146_MAINT_DLY	ENG	FCIS146DLY
FCIS_145_SUPPORT	FCIS_145_SUPPORT	FCIS_145_SUPPORT	ENG	FCIS145SUP
FCELCM_14.5_SUPPOR		FCELCM_14.5_SUPPOR	ENG	ELCM144DEV
FCIS_!24_SUPPORT		FCIS_124_SUPPORT	ENG	FCIS124SUP
FCIS_145DLY_BUILD	FCIS_145DLY_BUILD	FCIS_145_SUPPORT	ENG	FCIS145DLY
FCELCM_14.5_NLS_EN\		FCELCM 14.5 NLS	ENG	ELCM145NLSNEW

Fig: 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

er Definition		-
User Details User Name User Password Default Release Default Environment	Wa	Save Format Trk Directory Excel format XML Formatting LDAP Authentication
	Release Code	User Role
Modification Number	Maker Id	V Maker Date Stamp

Fig: 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.pdf</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
- 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.

6.1.2 <u>Release Administrator</u>

- 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 User

6.2 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.

6.3 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.

6.4 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.

Definition					
				17 🗋	2
r Details User ID User Name User Password Default Release Default Environment	KARTHEEK KARTHEEK FCIS_145_SUPPORT FCIS_145_SUPPORT	Save Format Work Directory Excel format	ZIP V XLS V XML Formatting LDAP Authentication		Clo
				+ -	
FCIS_145_SUPPC	Release Code		User Role Developer	^	
		ADTOOL Maker I	Date Stamp 2022-11-18 18	~	

Fig: Creating New User by RADTOOL user

Error Information screen

Informa	ation				
Inform	ation Description		Information Code		Close
i RI	D-SAVE-004 Record Success	fully Updated		Zip 🗸	
				XLS V XML Formatting	
			Ok		H H
				User Role	^
	FCIS_145_SUPPORT		P	Developer V	
					~
	Modification Number 6	Maker Id RADTOO	. Maker Da	ate Stamp 2022-11-18 18:17:	21

Fig: 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 .lt will retrieve user details and display. Except user id all fields can be modified.

					Close
User Name User Password Default Release		Work D	Format Zip	1	
				+ -	
	Releas	e Code	User Role	^	
FCIS_145_SUPP	ORT	Q	Developer 🗸	·	
FCIS_14.7_DEV		Q	Developer v	•	
				~	
Modification Number 6	М	aker Id RADTOOL	Maker Date Stamp 2022-11-18	18:17:21	

Fig: Unlocked User for Modification

6.5 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.

			Search Rese	t	
	User Id	User Name	 < 1of2 Default Releated 	> >>	~
	SKGUBBA	SKGUBBA	FCUBS_12.5.0.0.0		
	NAMESING	IBOCHOUBA	FCUBS_14.0_SUPP		
	OBTRDEV	OBTRDEV	OBTR_14.6		
	ELCM146INV1	ELCM146INV1	FCUBS_14.6.0.0.0		
	PORAVI		FCUBS_12.5.0.0.0		
	MTAQHEE	Mohammed Taqhee	FC146INV		
	RADTOOL	Admin	OBTR_14.6	_	
	KARTHEEK	KARTHEEK	FCIS_145_SUPPORT		
	ELCM144	ELCM144	FCELCM_14.5_SUPPOR		
	SUSHIPAN	SUSHIPAN	FCELCM_14.5_SUPPOR		
	ELCM145NLS	ELCM145NLS	 FCELCM_14.5_NLS	>	1
<				>	

Fig: Summary Screen for User

6.6 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

7. Appendix

7.1 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

6.1.1 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

-			_	_	_					_			 	F
📒 F	ileMa	nager.w	ar - Win											
File	Comm	ands Too	ls Favor	ites O	ptions	Help								
	Add	Extract 1	o Tes		View	Delete	Find	Wizard	Info	(All and a second secon	Comment	SFX		
		🖹 FileMar	ager.war\	WEB-IN	IF\classe:	s\com\ofss	\manager	- ZIP archive	, unpacked s	ize 70,612 b	ytes			
Nar	ne							Size	Packed	Туре		Modified 🕹		
6										Folder				
100.4		ad.properti						24		File proper	ties	8/30/2010 12:49 PM		
1 M	ileMan	ageServlet	.class					12,096	12,096	File class		8/13/2010 3:09 PM		
	File	/iew - fil Edit Vie IST = 10	w Help		erties									
	24 b;	rtes								Wind	ows text	.::		

Fig: ODT File Manager path of fileupload.properties

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

6.1.2 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>

nvironment Master					
					1 🍙 💅
nvironment Details		Application Details			Clos
Environment Code	FCIS_145_SUPPORT	Applic	ation URL	http://10.184.74.143:7755	
Release Code	FCIS_145_SUPPORT	Application If	P Address	10.184.74.143	
Language Code	ENG	Applicat	ion Name	FCIS_14.5_SUPP	
Description	FCIS_145_SUPPORT	Appli	cation OS	Unix v	
NDI name		Application Tran	sfer Type	File Manager 🗸	
JNDI Name	jdbc/FCIS 145 SUPPO	JS Dire	ctory Path	/scratch/app/w1032/user/	
	Jabo/FCIS_145_50PPO	UI XML Dire	ctory Path	/scratch/app/w1032/user/	
atabase Details		Server U	ser Name	server1	
Database Instance	FCIS145SUP	Server	Password	•••••	
Database Port	1521	Server Fileman	ager URL	http://10.184.74.143:7755	
Database IP Address	100.76.156.40	File Manager U	ser Name		
Database Host Name	FCIS145SUP	File Manager	Password		
Database Name	ISSMS145		T		
Database Password	•••••	••	Test JI	NDI Test Environment	
Modification Number		Maker Id RADTOOL	Maker E	Date Stamp 2022-11-18 18:05:55	

Fig: Workbench Environment Detailed Screen

ORACLE

Development Workbench - Administration [March] [2024] Version 14.7.4.0.0

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