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HOW TO INTEGRATE APPLICATIONS RELEASE R12 WITH CUSTOM APPLICATIONS

SCHEMA NAME : XXERP
TOP NAME : XXERP_TOP
Application : XXERP Custom Application
Data Group : Standard
Request Group : XXERP Request Group
Menu : XXERP_CUSTOM_MENU
Responsibility : XXERP Custom

Assumptions:

APPL_TOP: /d01/oracle/PROD/apps/apps_st/appl
Instance Name: PROD
Server Name: linux7

-- This is responsibility of an Apps DBA

1) Make the directory structure for your custom application files.

cd $APPL_TOP
mkdir XXERP
mkdir XXERP/12.0.0
mkdir XXERP/12.0.0/admin
mkdir XXERP/12.0.0/admin/sql
mkdir XXERP/12.0.0/admin/odf
mkdir XXERP/12.0.0/sql
mkdir XXERP/12.0.0/bin
mkdir XXERP/12.0.0/reports
mkdir XXERP/12.0.0/reports/US
mkdir XXERP/12.0.0/forms
mkdir XXERP/12.0.0/forms/US
mkdir XXERP/12.0.0/lib
mkdir XXERP/12.0.0/out
mkdir XXERP/12.0.0/log

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2) Add the custom module into the environment – make an in entry in CONTEXT_FILE

Make entry to the application context file
vi $CONTEXT_FILE

<AU_TOP oa_var="s_autop" oa_type="PROD_TOP"
oa_enabled="FALSE">/d01/oracle/PROD/apps/apps_st/appl/au/12.0.0</AU_TOP>
<XXERP_TOP oa_var="s_xxerptop" oa_type="PROD_TOP"
oa_enabled="FALSE">/d02/oracle/PROD1/apps/apps_st/appl/XXERP/12.0.0</XXERP_TOP>

Stop the application and run autoconfig

cd $ADMIN_SCRIPTS_HOME
sh adstpall.sh apps/apps
sh adautocfg.sh
sh adstrtal.sh apps/apps

■ Logout from the session and login and verify whether custom top is viewable
echo $XXERP_TOP

. ./APPSPROD1_erp.env
[applmgr@erp ~]$ echo $XXERP_TOP
/d02/oracle/PROD1/apps/apps_st/appl/XXERP/12.0.0

3) create tablespace XXERP datafile '/d02/oracle/PROD1/db/apps_st/data/XXERP01.dbf'
size 500M

4) create user XXERP identified by XXERP
default tablespace XXERP
temporary tablespace temp
quota unlimited on XXERP;
grant connect, resource to XXERP;

■ Creation of tables scripts will be send by technical team and the DBA will create
it, the application developers will start creating the forms and reports based on the
tables created

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5) Register your Oracle Schema.

Login to Applications with System Administrator responsibility
Navigate to Application-->Register
Application = ERP Custom Application
Short Name = XXERP
Basepath = XXERP_TOP
Description = ERP Custom Application

Application	Short Name	Basepath	Description
ERP Custom Application	XXERP	XXERP_TOP	ERP Custom Application

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6) Register Oracle User
Naviate to Security-->Oracle-->Register
Database User Name = XXERP
Password = XXERP
Privilege = Enabled
Install Group = 0
Description = XXERP Custom Application User
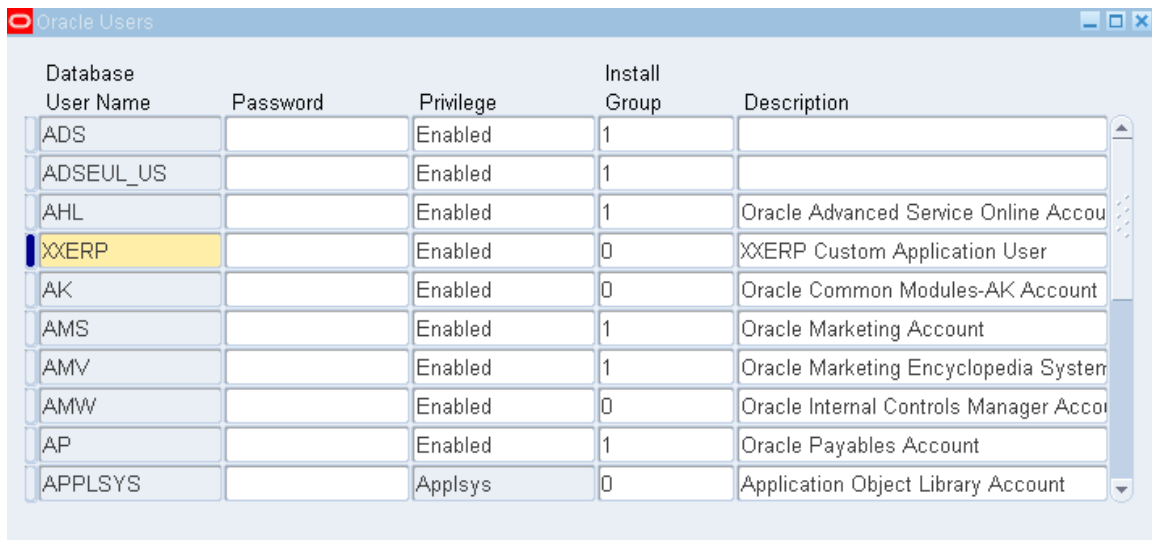
Database User Name	Password	Privilege	Install Group	Description
ADS		Enabled	1	
ADSEUL_US		Enabled	1	
AHL		Enabled	1	Oracle Advanced Service Online Accou
XXERP		Enabled	0	XXERP Custom Application User
AK		Enabled	0	Oracle Common Modules-AK Account
AMS		Enabled	1	Oracle Marketing Account
AMV		Enabled	1	Oracle Marketing Encyclopedia System
AMW		Enabled	0	Oracle Internal Controls Manager Acco
AP		Enabled	1	Oracle Payables Account
APPLSYS		Applsys	0	Application Object Library Account

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7) Add Application to a Data Group
Navigate to Security-->Oracle-->DataGroup

- This is optional, normally done by a Technical Folks

8) Create custom request group

This will act as a placeholder for any custom reports we wish to make available for the Custom Responsibility (which is defined at a later stage)
Navigate to Security-->responsibility-->Request
Group = XXERP Request Group
Application = XXERP Custom
Code = XXERP
Description = XXERP Custom Requests
We will not define any requests to add to the group at this stage, but you can add some now if required.

■ This is optional, normally done by a Technical Folks

9) Create custom menu

This will act as a placeholder for any menu items we wish to make available for the
Custom Responsibility (which is defined at a later stage). We will create two menus, one
for Core Applications and one for Self Service.
Navigate to Application-->Menu
Menu = XXERP_CUSTOM_MENU
User Menu Name = XXERP Custom Application
Menu Type =
Description = XXERP Custom Application Menu
Seq = 100
Prompt = View Requests
Submenu =
Function = View All Concurrent Requests
Description = View Requests

Seq = 110
Prompt = Run Requests
Submenu =
Function = Requests: Submit
Description = Submit Requests

■ This is optional, normally done by a Technical Folks

10) Create new responsibility. Navigate to Security-->Responsibility-->Define

Responsibility Name = XXERP Custom
Application = XXERP Custom
Responsibility Key = XXERPCUSTOM
Description = XXERP Custom Responsibility
Available From = Oracle Applications
Data Group Name = XXERPGroup
Data Group Application = XXERP Custom
Menu = XXERP Custom Application
Request Group Name = XXERP Request Group

■ This is optional, normally done by a Technical Folks

11) Add responsibility to user
Navigate to Security-->User-->Define
Add XXERP Custom responsibility to users as required.

Users							_ □ ×

User Name AJAY   Person
Password   Customer
Description   Supplier
                                          E-Mail
Password Expiration   Fax
    ○ Days   [   ]   **Effective Dates**
    ○ Accesses   [   ]   From 29-OCT-2008
    ⦿ None   To

Direct Responsibilities	Indirect Responsibilities	Securing Attributes

| | | | Security | Effective Dates | |
Responsibility	Application	Description	Group	From	To
XXERP Custom	XXERP Custom Applic		Standard	29-OCT-2008	

■ Creation of tables in the custom schema is the responsibility of the Apps DBA

12) Other considerations
You are now ready to create your database Objects, custom Reports, Forms, Packages, etc

Create the source code files in the XXERP_TOP directory appropriate for the type of object. For example forms would be located in $XXERP_TOP/forms/US or package source code in $XXERP_TOP/admin/sql for example.

Database Objects, such as tables, indexes and sequences should be created in the XXERP schema, and then you need to

a) Grant all privilege from each custom data object to the APPS schema.
For example : logged in as XXERP user
grant all privileges on myTable to apps;

b) Create a synonym in APPS for each custom data object
For example : logged in as APPS user
create synonym myTable for XXERP.myTable;

13) Login to sysadmin, Application Developer Responsibility

■ Registration of a Form is the responsibility of Application Developer

In the backend compile your form
su - applmgr
cd $AU_TOP/forms/US
cp TEMPLATE.fmb DEMO.fmb

-- Compilation is the responsibility of the Apps DBA (marked in Yellow), but developing the form is the responsibility of the Application Developer

frmcmp_batch module=DEMO.fmb userid=apps/apps output_file=
/d01/oracle/PROD/apps/apps_st/appl/XXERP/12.0.0/forms/US/DEMO.fmx
compile_all=special batch=yes

- From now onwards, the development team will register the form

Application > Form (Register the form)

Form	Application	User Form Name	Description
DEMO	XXERP Custom Applica	DEMO	

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Application > Function (Add the form to a function)

Form Functions

| Description | Properties | Form | Web HTML | Web Host | Region |

Function	User Function Name	Description
DEMO	DEMO	

| Description | Properties | Form | Web HTML | Web Host | Region |

Function	Type	Maintenance Mode Support	Context Dependence
DEMO	Form	None	Responsibility

Description	Properties	Form	Web HTML	Web Host	Region

Function	Form	Application	Parameters
DEMO	DEMO	XXERP Custom Applicat	

Application > Menu (Attach the function to a menu)

Menus

Menu	XXERP_CUSTOM_MENU
User Menu Name	XXERP Custom Application
Menu Type	
Description	XXERP Custom Application Menu

View Tree...

Seq	Prompt	Submenu	Function	Description	Grant
100	View Requests		View All Concurrent Requ	View Requests	☑
110	Run Requests		Requests: Submit	Submit Requests	☑
120	DEMO		DEMO		☑
					☐
					☐
					☐
					☐
					☐
					☐
					☐

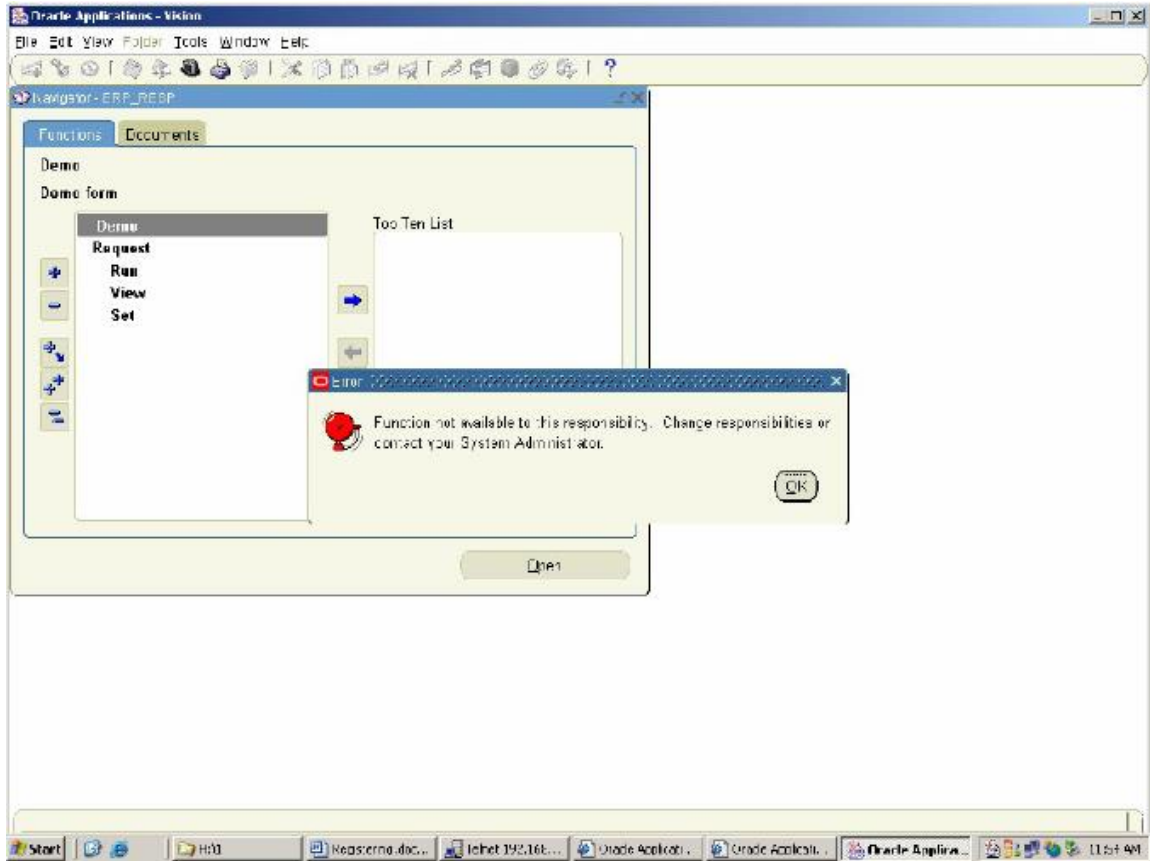Menu that is added to a particular responsibility is given to specific user
Security > User >

Connect as Ajay

Errors and Solution:

Solution
Restart the forms server
cd $ADMIN_SCRIPTS_HOME
sh adstpall.sh apps/apps
sh adstrtal.sh apps/apps

Reference: http://www.appshosting.com/pub_doc/custom_top.html