

Function ID Development I
Oracle FLEXCUBE Investor Servicing
Release 12.0.4.0.0
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Table of Contents

1. PREFACE	1-1
1.1 AUDIENCE	1-1
1.2 RELATED DOCUMENTS.....	1-1
1.3 CONVENTIONS	1-1
1.4 PRE-REQUEST	1-2
2. INTRODUCTION	2-1
2.1 HOW TO USE THIS GUIDE	2-1
3. MANUAL STATIC DATA POPULATION.....	3-1
3.1 CSTB_DATA_DICTIONARY MAINTENANCE	3-1
3.2 CSTB_LABELS MAINTENANCE	3-1
3.3 STTB_PK_COLS MAINTENANCE	3-1
3.4 TABLE NEEDS TO BE CREATED IN THE DATABASE SCHEMA.	3-2
4. HEADER INFORMATION –BASIC INFORMATION ABOUT THE SCREEN	4-1
4.1 ACTION.....	4-2
4.2 FUNCTION TYPE	4-2
4.3 FUNCTION CATEGORY	4-3
4.4 HEADER TEMPLATE	4-4
4.5 FOOTER TEMPLATE	4-4
4.6 FUNCTION ID	4-5
4.7 SAVE XML PATH	4-6
5. PREFERENCES.....	5-1
5.1 MODULE NAME	5-1
5.2 INCLUDE FUNCTIONALITIES.....	5-1
5.3 MODULE NAME AND MODULE DESCRIPTION	5-2
5.4 SUMMARY SCREEN.....	5-3
6. DATA SOURCES	6-1
7. LIST OF VALUES	7-1
8. DATA BLOCKS	8-1
8.1 ATTACHING BLOCK FIELDS	8-1
9. SCREEN LAYOUT DESIGN.....	9-1
10. FIELD SETS	10-1
11. ACTIONS.....	11-1
12. SUMMARY	12-1
13. OPEN DEVELOPMENT TOOL FILES GENERATION.....	13-1
14. TESTING	14-1

1. Preface

This document describes the steps to create FLEXCUBE IS Function ID using extensible Rapid Application Development (Open Development) tool.

1.1 Audience

The Open Development Function ID Development book is intended for the FLEXCUBE Application Developers who perform the following tasks with Extensible Open Development:

- Develop the new screen (also called as function ID)
- To modify the existing screen
- Bug Fixing the existing screen

To Use this manual, you need conceptual and working knowledge of the below:

Proficiency	Resources
FLEXCUBE IS Development overview	Development Overview Guide
Open Development function ID development getting started	Getting Started
Open Development Reference	Reference
Open Development installation and setup guide	Installation and Setup

1.2 Related documents

For more information on Function ID Development, see these resources:

- Overview Guide
- Getting Started
- Reference
- Installation and Setup

1.3 Conventions

The following text conventions are used in this document:

Convention Meaning:

boldface	Boldface type indicates graphical user interface elements (for example, menus and menu items, buttons, tabs, dialog controls), including options that you select.
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<i>italic</i>	italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates language and syntax elements, directory and File name, URLs, text that appears on the screen, or text that you enter.
	Indicates important information

1.4 **Pre-request**

- Open Development environment with designated project and release details



Refer Installation and Setup for installation and setup of project/release details

- Target FLEXCUBE IS environment

2. Introduction

2.1 How to use this Guide

The information in this guide includes:

- [Chapter 2, “Introduction”](#)
This is introduction section.
- [Chapter 3, “Manual Static data population”](#)
This section describes the prerequisites before creating a Function Id.
- [Chapter 4, “Header Information”](#)
This section describes the Header Credentials in detail.
- [Chapter 5, “Preferences”](#)
This section describes basic functionalities and information about the screen.
- [Chapter 6, “Datasources”](#)
This section describes the steps required to get started with Function Creation.
- [Chapter 7, “List of Values”](#)
This section describes steps to add List Of Values definitions.
- [Chapter 8, “Datablocks”](#)
This section describes the actions to be performed after adding Datasources.
- [Chapter 9, “Screen Layout Design”](#)
This section describes the steps required to design the Screen Layout.
- [Chapter 10, “Fieldsets”](#)
This section describes the steps required to map the Fields to specific locations in the Screen.
- [Chapter 11, “Actions”](#)
This section describes the amendable and web service information.
- [Chapter 12, “Summary”](#)
This section describes the steps to design the Summary Screen.
- [Chapter 13, “Open Development Tool Files Generation”](#)
This section describes steps to generate and deploy Open Development Tool Files.
- [Chapter 14, “Testing”](#)
This section describes steps to Test the created Screen in FLEXCUBE.

3. Manual Static data population

This section explains the data base tables that need to be manually populated to start the Open Development screen development.

3.1 CSTB DATA DICTIONARY maintenance

Add rows in CSTB_DATA_DICTIONARY for Table/View and columns.

Column Name	Data Type	Data Length	Constraints
TABLE_NAME	VARCHAR2	50	PRIMARY
COLUMN_NAME	VARCHAR2	50	PRIMARY
LABEL_CODE	VARCHAR2	255	
FIELD_NAME	VARCHAR2	255	

3.2 CSTB LABELS maintenance

Add rows in CSTB_LABELS for all label code required.

Column Name	Data Type	Data Length	Constraints
LABEL_CODE	VARCHAR2	255	PRIMARY
LANGUAGE_CODE	VARCHAR2	3	
LABEL_TYPE	VARCHAR2	20	
LABEL_DESCRIPTION	VARCHAR2	4000	

3.3 STTB PK COLS maintenance

Add rows in STTB_PK_COLS for tables that are part of data sources.

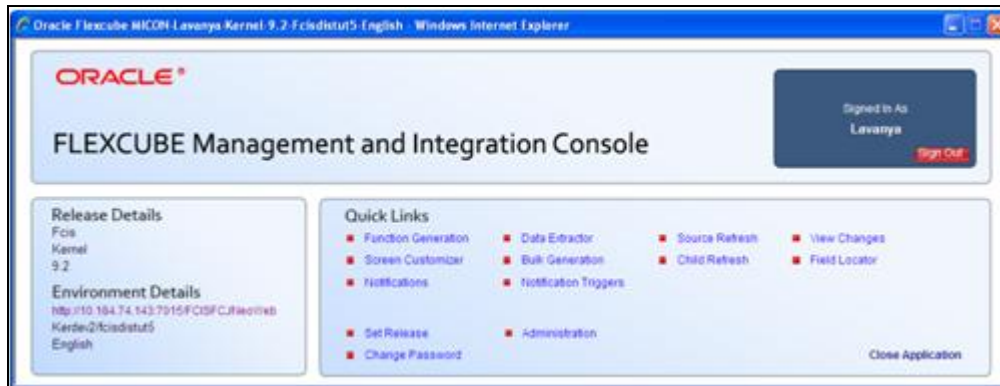
Column Name	Data Type	Data Length	Constraints
TABLE_NAME	VARCHAR2	30	PRIMARY
COLUMN_LIST	VARCHAR2	300	
DATA_TYPE_LIST	VARCHAR2	300	
DATA_LENGTH_LIST	VARCHAR2	100	

3.4 **Table needs to be created in the database schema.**

Database schema that is linked with the flexcube should contain the table or view structure. This will act as the data source to the screen.

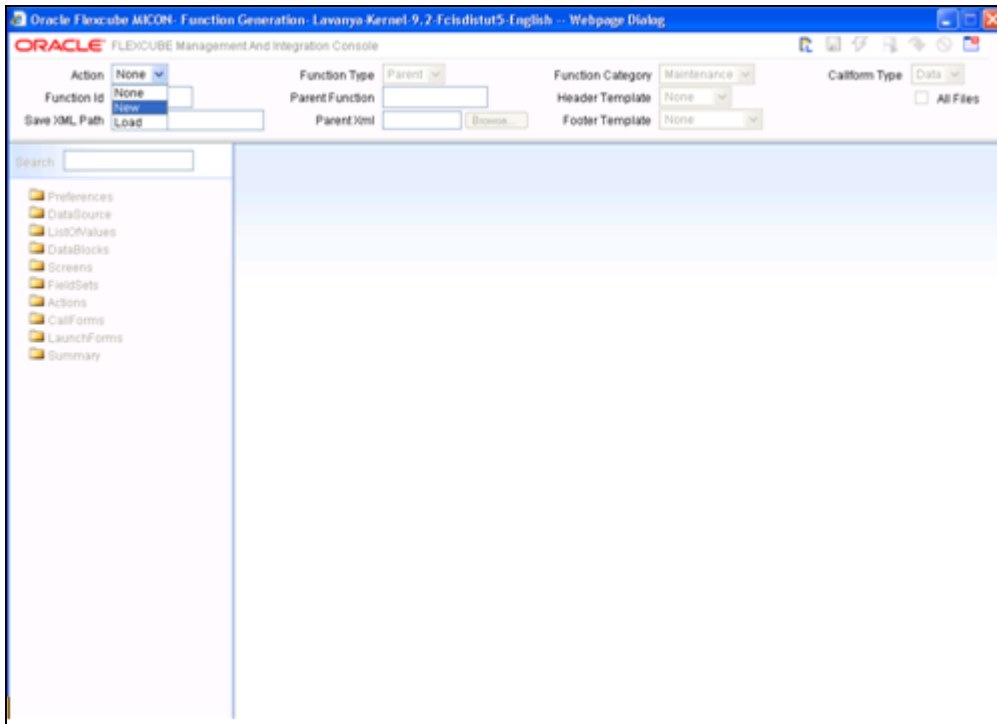
4. Header Information –Basic Information about the Screen

Log into the Open Development Tool and click on Browser Tab. Then click on the Function Generation tab that appears on the left hand side.



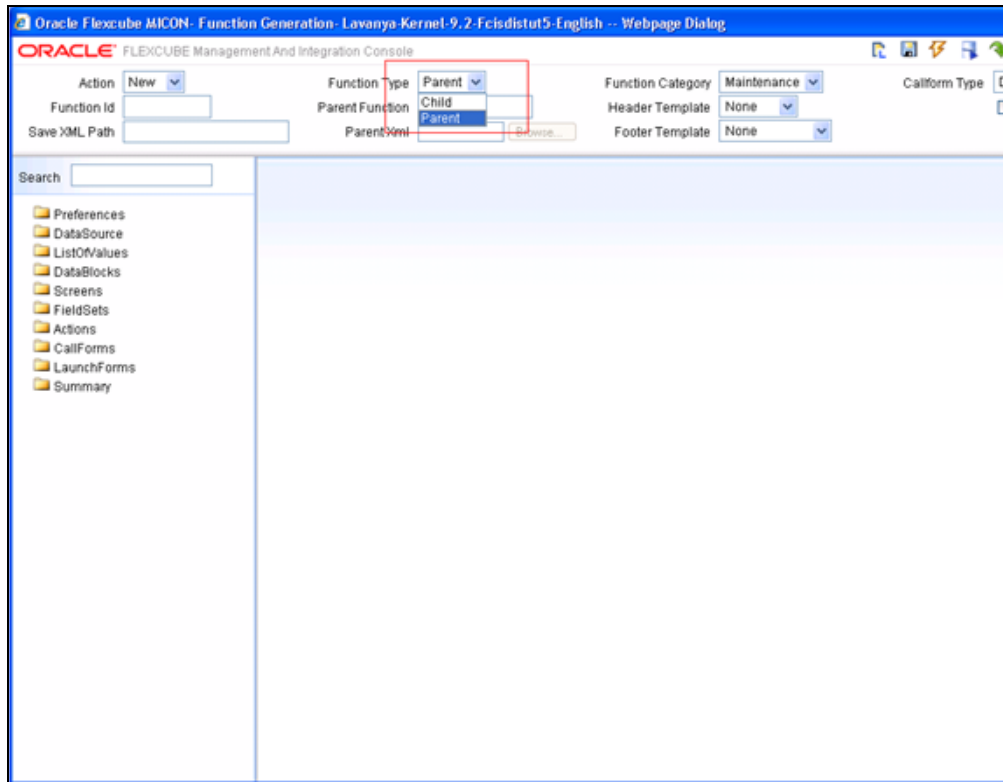
4.1 Action

A header appears where the “New” option is chosen from the Action options. The Function-id is to be entered in the space just below.



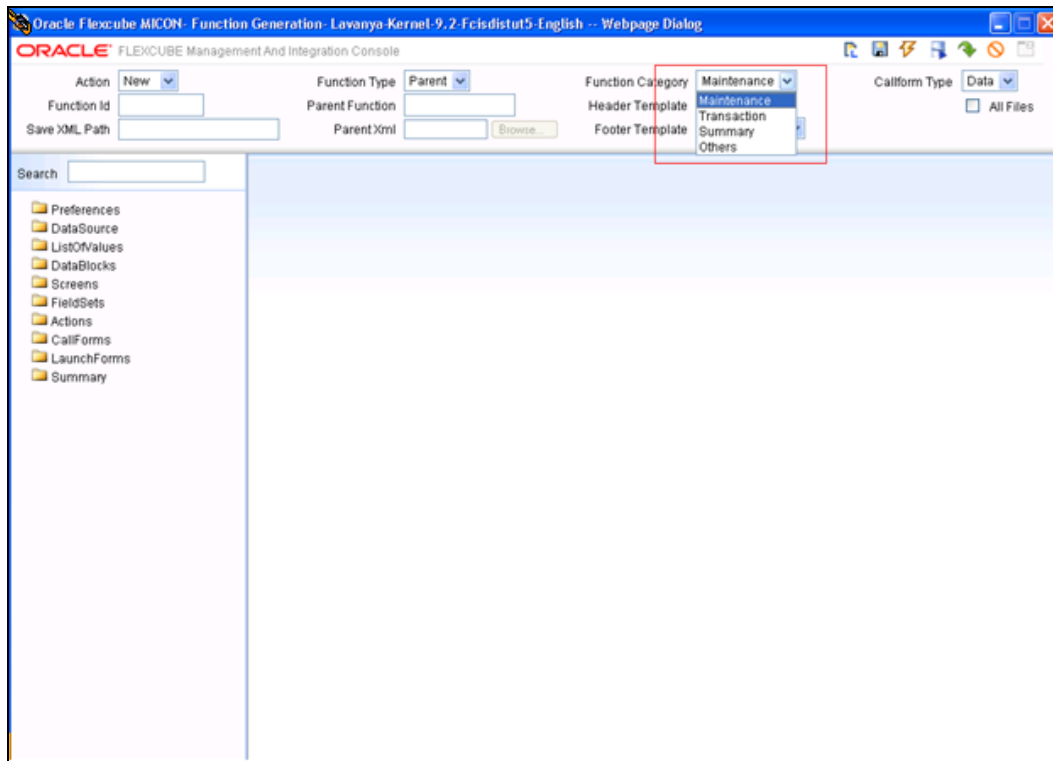
4.2 Function Type

Select Function Type -Parent



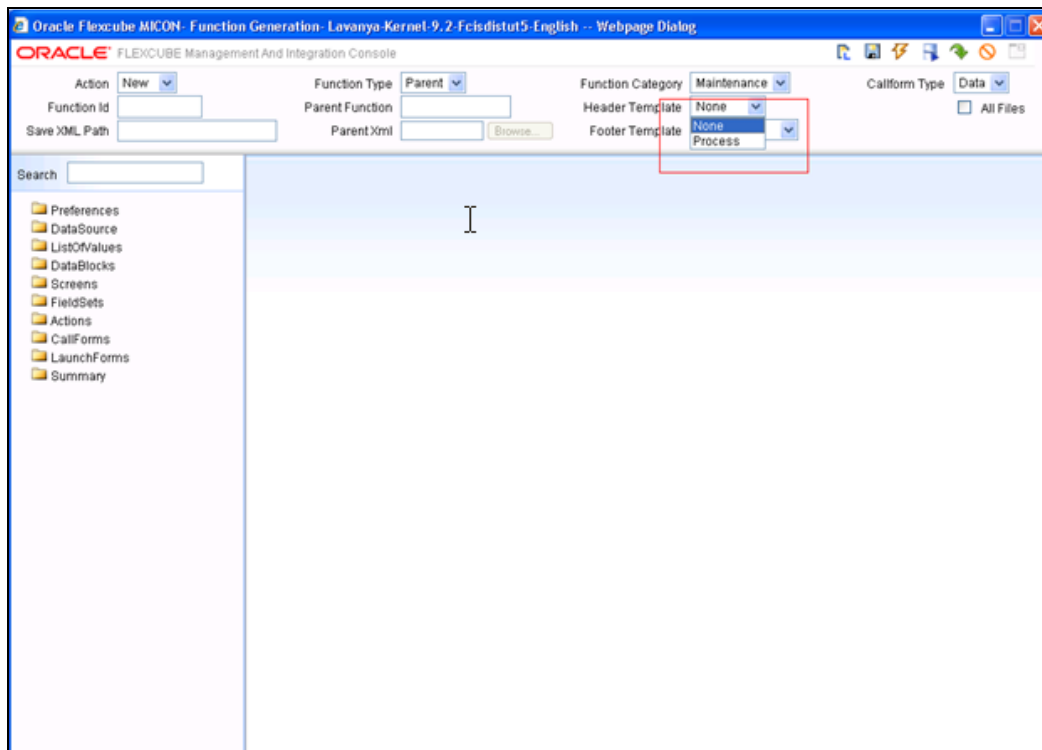
4.3 Function Category

Select Maintenance



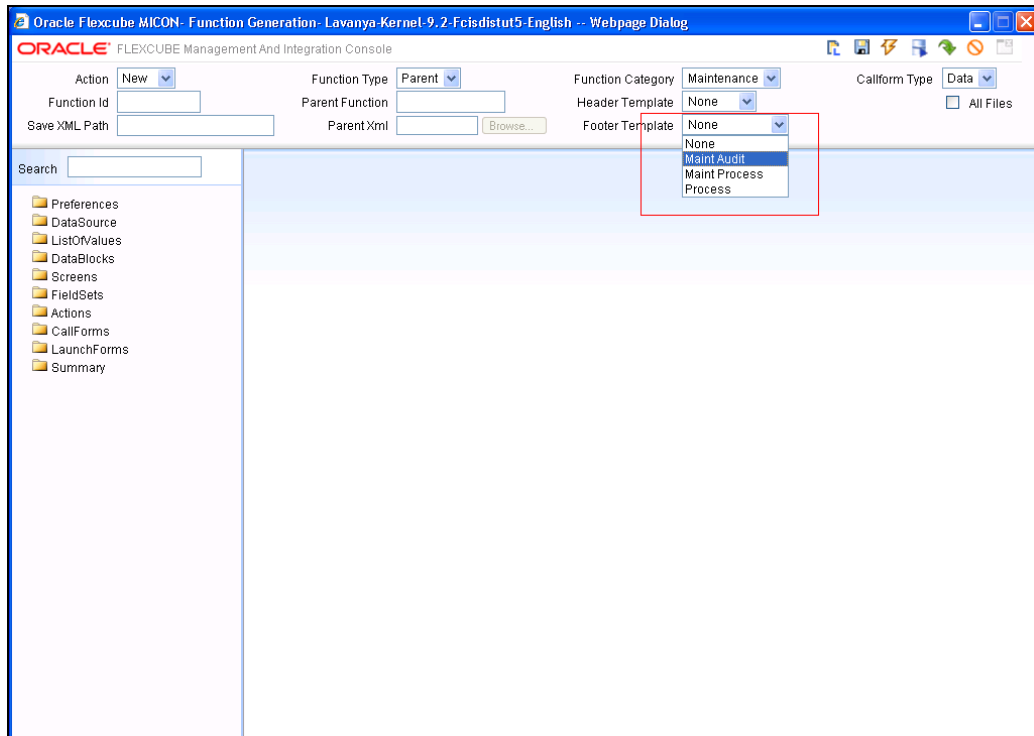
4.4 Header Template

Select None



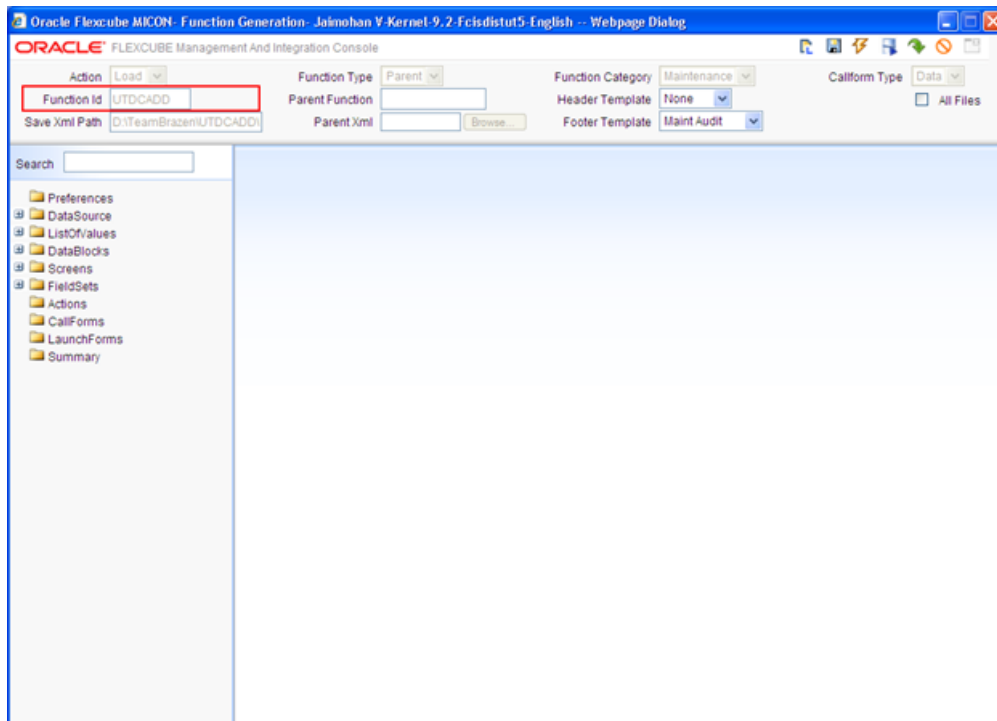
4.5 Footer Template

Select Maint Audit



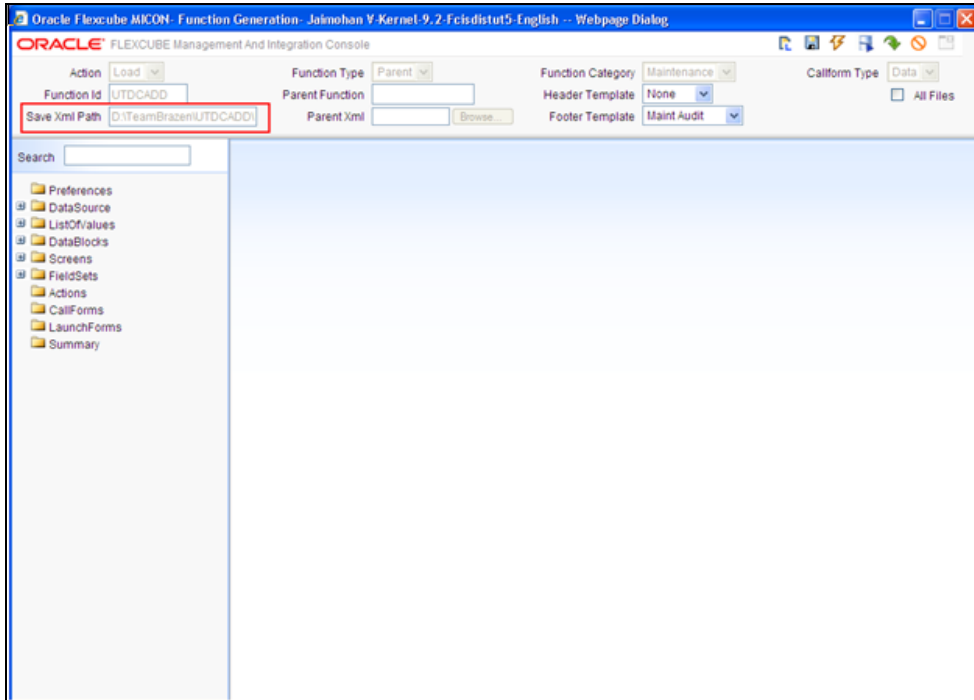
4.6 Function id

Function id name has to be maintained in the header information follow the naming convention from the references.



4.7 Save Xml Path

It includes the information about the place where the Open Development generated files will be stored.



5. Preferences

5.1 Module Name

Module name should be specified.

The screenshot shows the Oracle Flexcube MICON Function Generation console. The title bar indicates the session is for 'Jaimohan V-Kernel 9.2.Fcisdut5-English -- Webpage Dialog'. The main window is titled 'ORACLE FLEXCUBE Management And Integration Console'. The 'Preferences' tab is active, showing various configuration options for the function 'UTDCADD'. A red box highlights the 'Module' field, which contains the value 'UT'. Below the preferences, a table lists the functions and their associated modules.

FunctionID	Function Desc	Module *	Main Menu	Sub Menu-1
UTDCADD				
UTSCADD		UT		

5.2 Include Functionalities

Check the functionalities as required in the screen.

Oracle Flexcube MICON- Function Generation- Jaimohan V Kernel-9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Parent Xml: Browse... Header Template: None Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ All Files

Search:

Preferences

- ☐ HeadOffice Function
- ☐ Auto End Of Day Aware
- ☐ Logging Required
- ☒ Auto Authorization
- ☐ Tank Modifications
- ☐ Field Log Required

Module: UT

Module Description: UT

Branch Program Id:

Process Code:

Control String: +

FunctionID	Function Desc	Module *	Main Menu	Sub Menu-1
☐ UTDCADD				
☐ UTSCADD		UT		

5.3 Module Name and Module Description

Add the details for the function id along with the module name and module description.

Oracle Flexcube MICON- Function Generation- Jaimohan V-Kernel-9.2-Fcisditut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Header Template: None Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ Parent Xml: Browse...

Search:

Preferences

☐ HeadOffice Function
☐ Auto End Of Day Aware
☐ Logging Required
☒ Auto Authorization
☐ Tank Modifications
☐ Field Log Required

Module: UT

Module Description: UT

Branch Program Id:

Process Code:

FunctionID	Function Desc	Module *	Main Menu	Sub Menu-1
☐ UTDCADD		UT		
☐ UTSCADD		UT		

Control String: +

5.4 Summary Screen

Add the corresponding summary screen.

Oracle Flexcube MICON- Function Generation- Jaimohan V-Kernel-9.2-Fcisdistut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load | Function Type: Parent | Function Category: Maintenance | Callform Type: Data

Function Id: UTDCADD | Parent Function: | Header Template: None | All Files

Save Xml Path: D:\TeamBrazen\UTDCADD\ | Parent Xml: | Footer Template: Maint Audit

Search:

Preferences
 DataSource
 ListOfValues
 DataBlocks
 Screens
 FieldSets
 Actions
 CallForms
 LaunchForms
 Summary

Summary Details

Title: | Default Where Clause: |

Data Blocks: BLK_CUSTADD | Default Order By: |

Data Source: STTMCUSTOMERADDRESSTBL | Summary Type: Summary

Data Block Fields | Custom Buttons

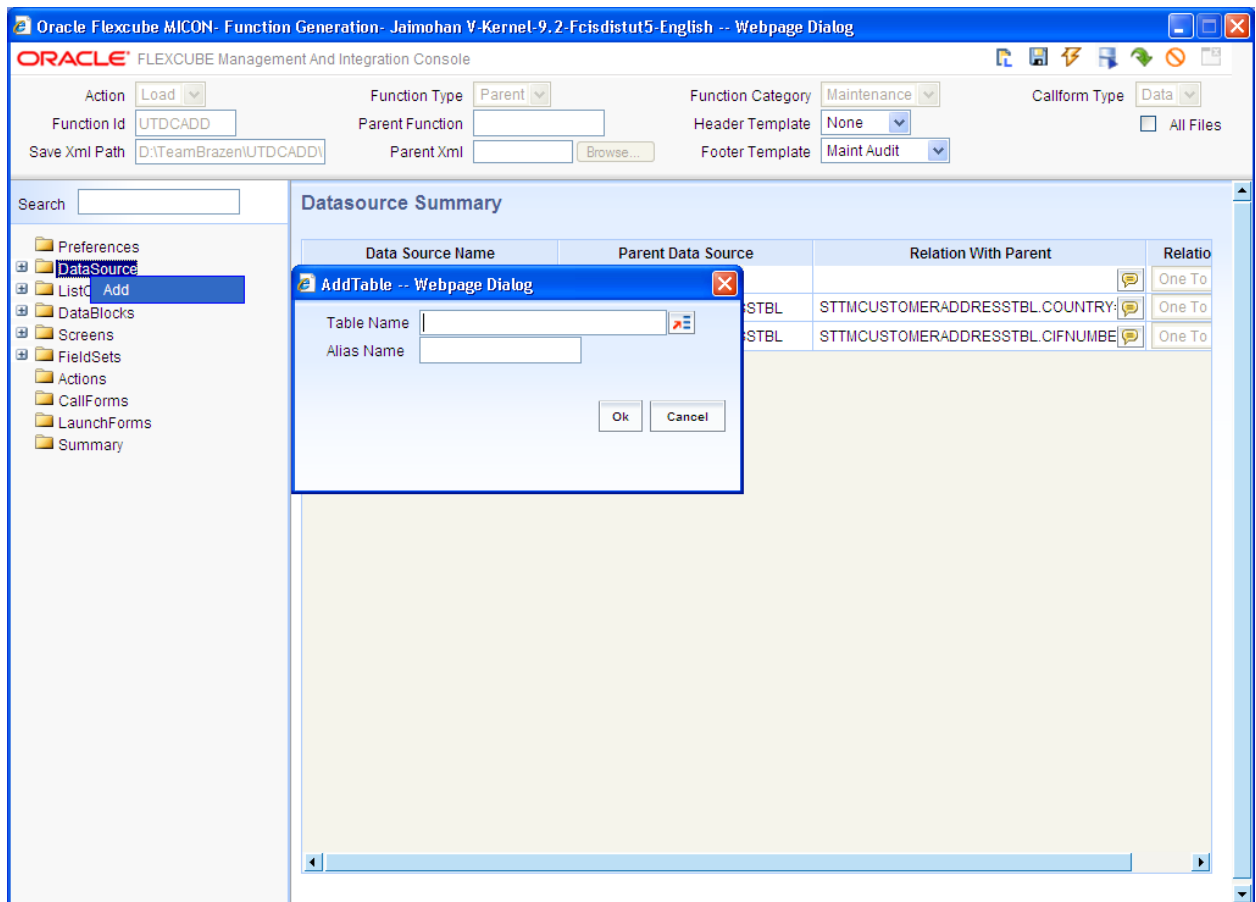
Data Block Fields

ADDRESS1
 ADDRESS2
 ZIPCODE
 COUNTRY
 TELEPHONENUMBER1
 TELEPHONENUMBER2
 CELLPHONENUMBER
 CONTACTPERSON
 ADDRESS3
 ADDRESS4

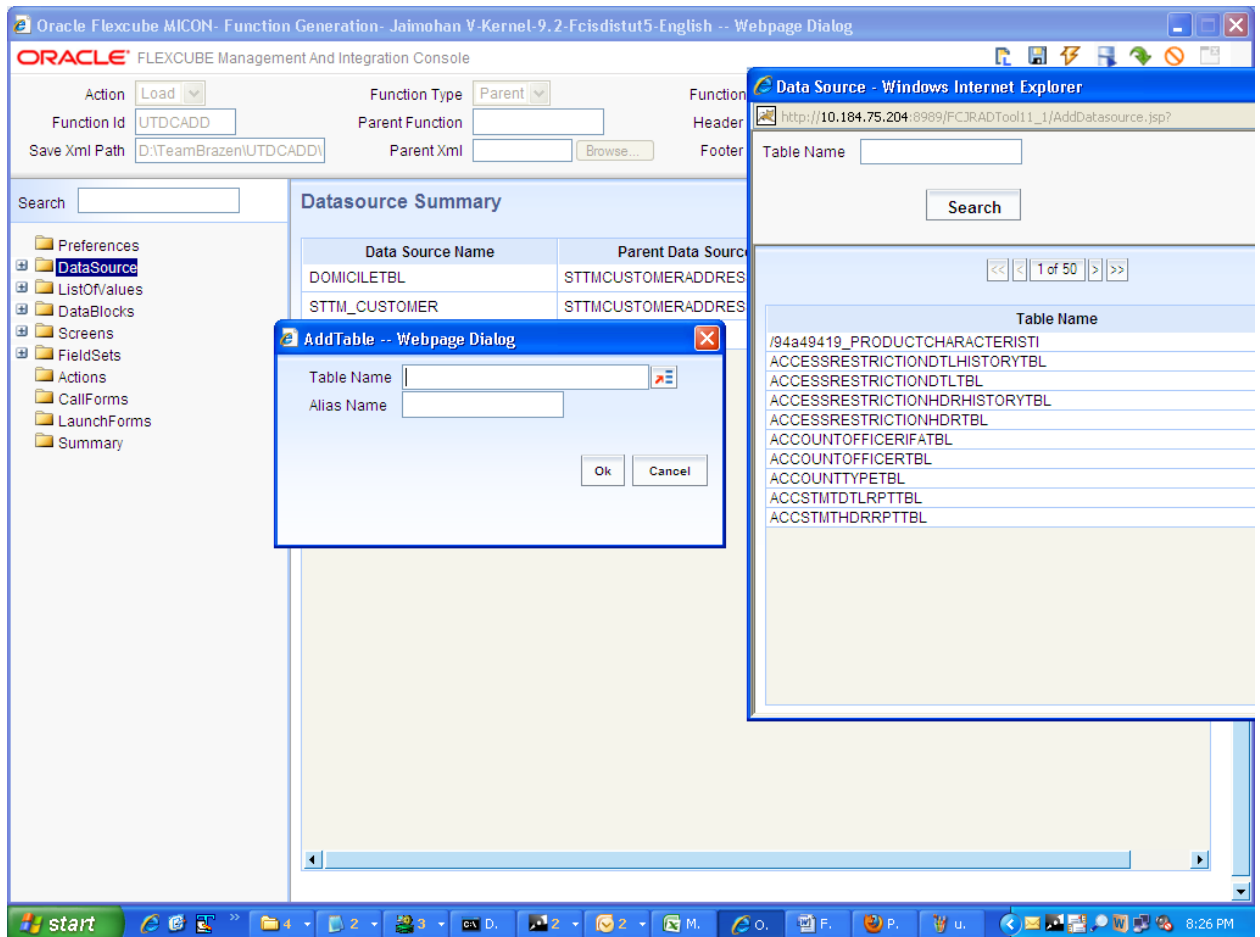
	Fields Selected	Query
☐	CIFNUMBER	☒
☐	MEDIA	☒
☐	LOCATION	☒

6. Data Sources

- On right clicking on the DataSource Tab on the left hand side of the Open Development Tool screen, an “Add” button is visible. On selecting the “Add” Button, the below screen will be visible.
- The Alias name is to be given here only if it is necessary to refer to the same datasource twice (For Example-as both One to One and as One to Many).



- Select data source *STTMCUSTOMERADDRESSTBL*



- For the Master Data Source, the Master Tab should be made "Yes". The Parent and Relation details will be left empty for the master datasource.

Oracle Flexcube MICON- Function Generation- Jaimohan V-Kernel-9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load | Function Type: Parent | Function Category: Maintenance | Callform Type: Data

Function Id: UTDCADD | Parent Function: | Header Template: None | All Files

Save Xml Path: D:\TeamBrazen\UTDCADD\ | Parent Xml: | Browse... | Footer Template: Maint Audit

Search:

Preferences
 DataSource
 STTMCUSTOMERADDRESSTBL
 DOMICILETBL
 STTM_CUSTOMER
 ListOfValues
 DataBlocks
 Screens
 FieldSets
 Actions
 CallForms
 LaunchForms
 Summary

Data Source Details

Data Source: STTMCUSTOMERADDRESSTBL | Parent:

Master: Yes | Relation:

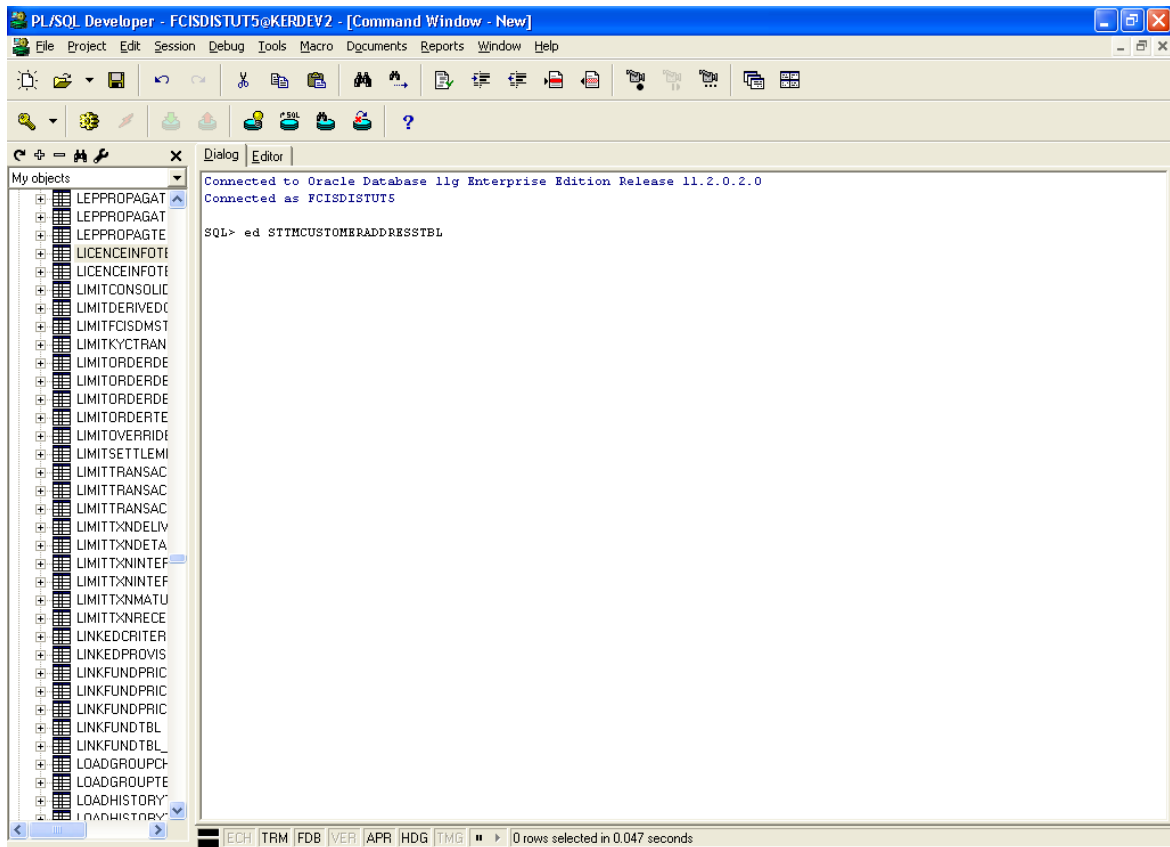
Relation Type: One To One | Where Clause:

Multi Record: No | Default Order By:

PK Cols *: CIFNUMBER~MEDIA~LOCATION | Type: Normal

PK Types *: VARCHAR2~VARCHAR2~VARCHAR | Mandatory: ☐

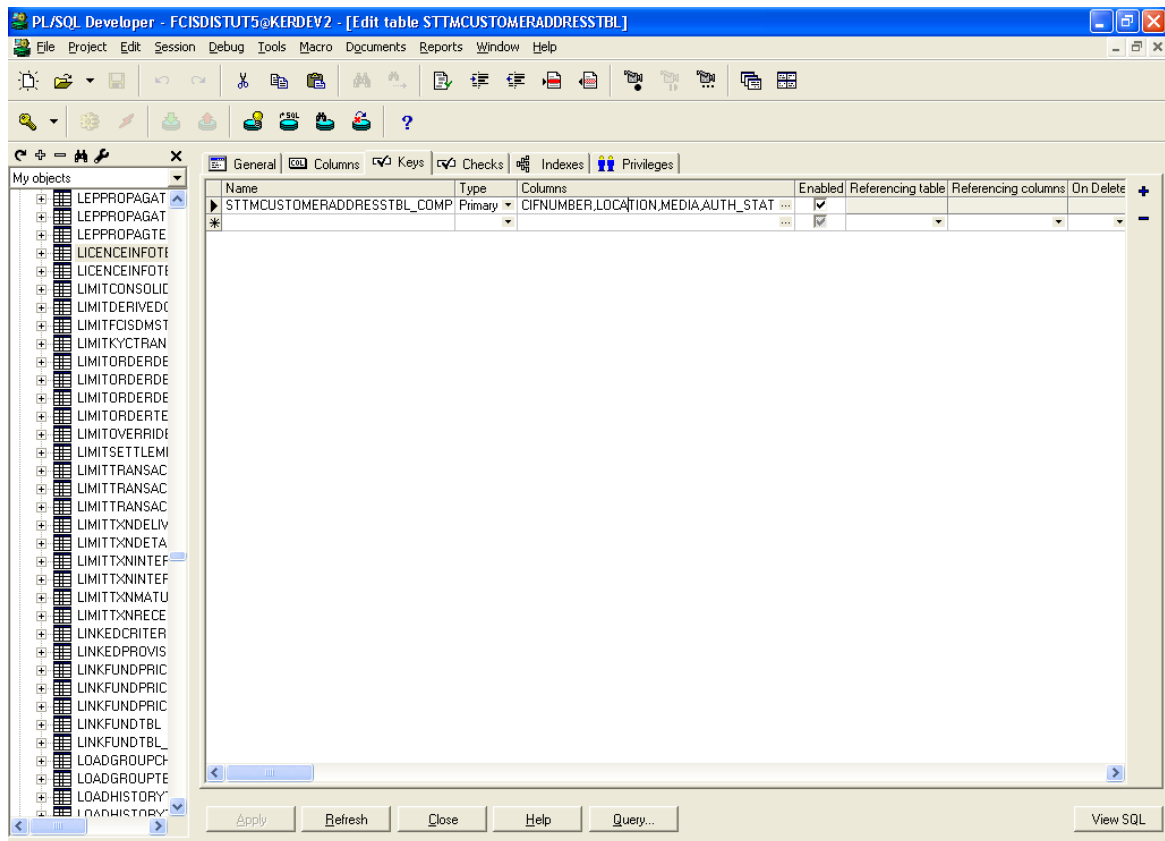
- The PK Cols and the PK Types Details are to be obtained using Pl/sql developer. The command window is opened and the command "ED Table_Name" is entered.



On pressing enter, the details of the tables are seen. The details listed in the Keys Tab under the column labeled as "Columns" are typed in the Open Development Tool where the PK Cols details are needed. The entries are given separated by ~ symbol.

For our example, the PK Cols Details are written as:

CIFNUMBER~LOCATION~MEDIA~AUTH_STAT~



Now click on the Columns Tab. The Types column is looked up for the entries corresponding to the PK Cols details filled.

In our example, the Type corresponding to CIFNUMBER, LOCATION, MEDIA, AUTH_STAT is VARCHAR2. Thus the entry into the PK Types details for this table is:

VARCHAR2

PL/SQL Developer - FCISDISTUT5@KERDEV2 - [Edit table STTMCUSTOMERADDRESSTBL]

File Project Edit Session Debug Tools Macro Documents Reports Window Help

My objects

Name	Type	Nullable	Default	Comments
CIFNUMBER	VARCHAR2(12)			
MEDIA	VARCHAR2(15)			
LOCATION	VARCHAR2(15)			
ADDRESS1	VARCHAR2(105)			
ADDRESS2	VARCHAR2(105)			
ADDRESS3	VARCHAR2(105)			
ADDRESS4	VARCHAR2(105)			
ZIPCODE	VARCHAR2(10)			
COUNTRY	VARCHAR2(3)			
CONTACTPERSON	VARCHAR2(70)			
TELEPHONENUMBER1	VARCHAR2(15)			
TELEPHONENUMBER2	VARCHAR2(15)			
CELLPHONENUMBER	VARCHAR2(15)			
ENABLEDFLAG	VARCHAR2(1)			
MAKER_ID	VARCHAR2(15)			
MAKER_DT_STAMP	DATE			
CHECKER_ID	VARCHAR2(15)			
CHECKER_DT_STAMP	DATE			
AUTH_STAT	VARCHAR2(1)			
MOD_NO	NUMBER(10)			
ONCE_AUTH	VARCHAR2(1)			
RECORD_STAT	CHAR(1)			'0'
MODULEID	VARCHAR2(30)			
AGENTCODE	VARCHAR2(12)			
BRANCHCODE	VARCHAR2(12)			

Apply Refresh Close Help Query... View SQL

- For master Datasources the relation type should be maintained as "One to One", Multirecord should be "NO" and the Relation clause need not to be maintained.

Oracle Flexcube MICON- Function Generation- Jaimohan V.Kernel 9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Id: UTDCAADD Save Xml Path: D:\TeamBrazen\UTDCADD

Function Type: Parent Function Category: Maintenance Callform Type: Data

Header Template: None Footer Template: Maint Audit

Search: []

Data Source Details

Data Source: STTMCUSTOMERADDRESSTBL Parent: []

Master: Yes Relation Type: One To One Multi Record: No

PK Cols: CIFNUMBER-MEDIA-LOCATION PK Types: VARCHAR2-VARCHAR2-VARCHAR

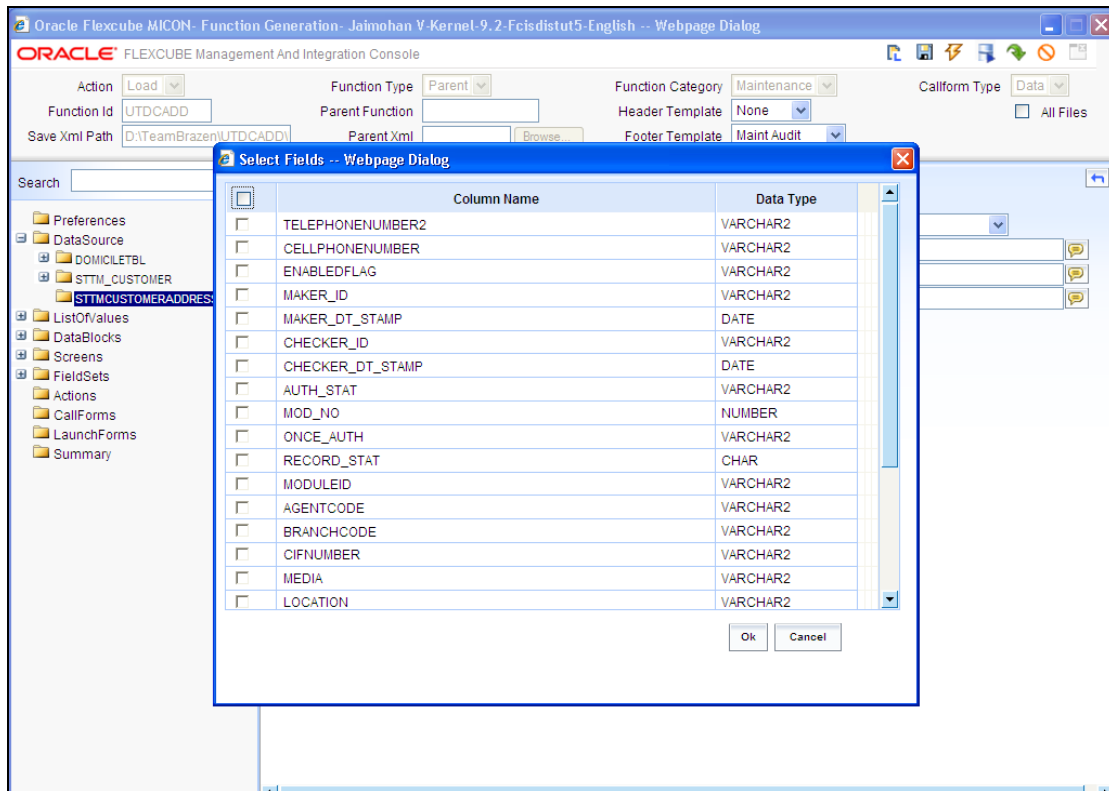
Relation: [] Where Clause: [] Default Order By: [] Type: Normal Mandatory: []

Preferences DataSource STTMCUSTOMERADDRESSTBL DOMILETBL STTM_CUSTOMER ListOfValues DataBlocks Screens FieldSets Actions CallForms LaunchForms Summary

Other Master data sources are to be added in the same way.

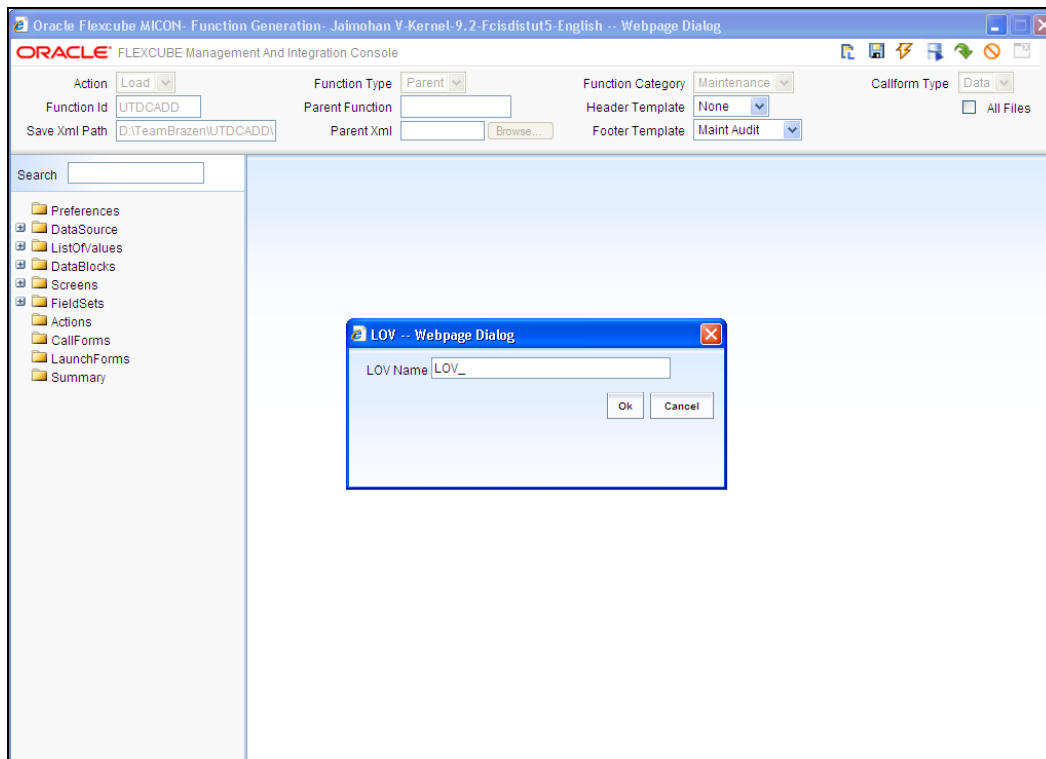
 In case of Detail Data sources, the Relation Type is to be changed to “One to Many” and the Multirecord option is made “Yes ” and the Relation clause should be given.

- By right clicking on the Table name (Datasource) in Open Development Tool, and clicking “Add”, required columns are added by clicking the check boxes.



7. List of Values

- New LOVs are defined in Open Development Tool by right clicking and pressing “Add”. The below screen appears and the LOV name should be given here.



- The LOV Query is entered into the subsequent screen. Then click on “Populate”. Entries become visible and the details such as datatype and Labels are checked.

Oracle Flexcube MICON- Function Generation- Jaimohan V Kernel-9.2-Fcisdistut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Header Template: None Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ Parent Xml: Browse...

Search:

LOV Details

LOV Name: * LOV_CIFNUMBERLOV

LOV Query: SELECT customer_no,customer_name1 FROM STTM_CUSTOMER WHERE AUTH_STAT = 'A'

Query Cols	Data Type	Visible	Rdn Fid	Redn Fid Type	Redn/Col Label
CUSTOMER_NO	VARCHAR2	Yes	Yes	TEXT	LBL_CIFNUMBER
CUSTOMER_NAME1	VARCHAR2	Yes	Yes	TEXT	LBL_CUST_NAME

Populate

Oracle Flexcube MICON- Function Generation- Jaimohan V Kernel-9.2-Fcisdistut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Header Template: None Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ Parent Xml: Browse...

Search:

LOV Details

LOV Name: * LOV_CIFNUMBERLOV

LOV Query: SELECT customer_no,customer_name1 FROM STTM_CUSTOMER WHERE AUTH_STAT = 'A'

LOV Query -- Webpage Dialog

SELECT customer_no,customer_name1 FROM STTM_CUSTOMER WHERE AUTH_STAT = 'A'

Ok Cancel

Redn Fid Type	Redn/Col Label
TEXT	LBL_CIFNUMBER
TEXT	LBL_CUST_NAME

Populate

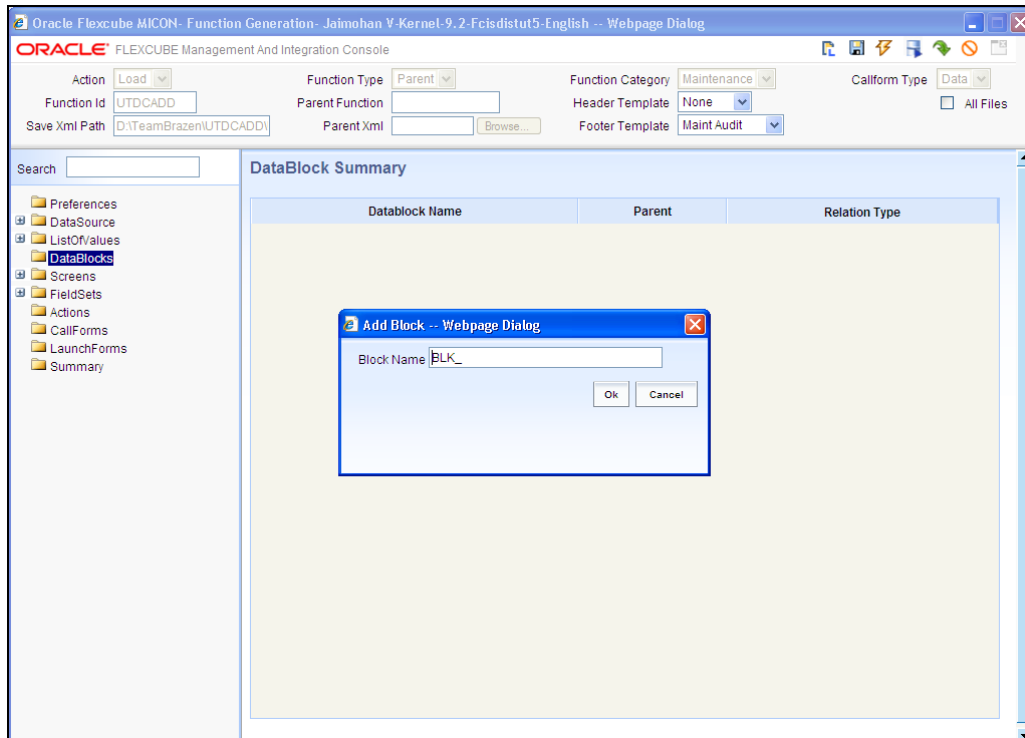
- LOV LOV_CIFNUMBERLOV is added

8. Data Blocks

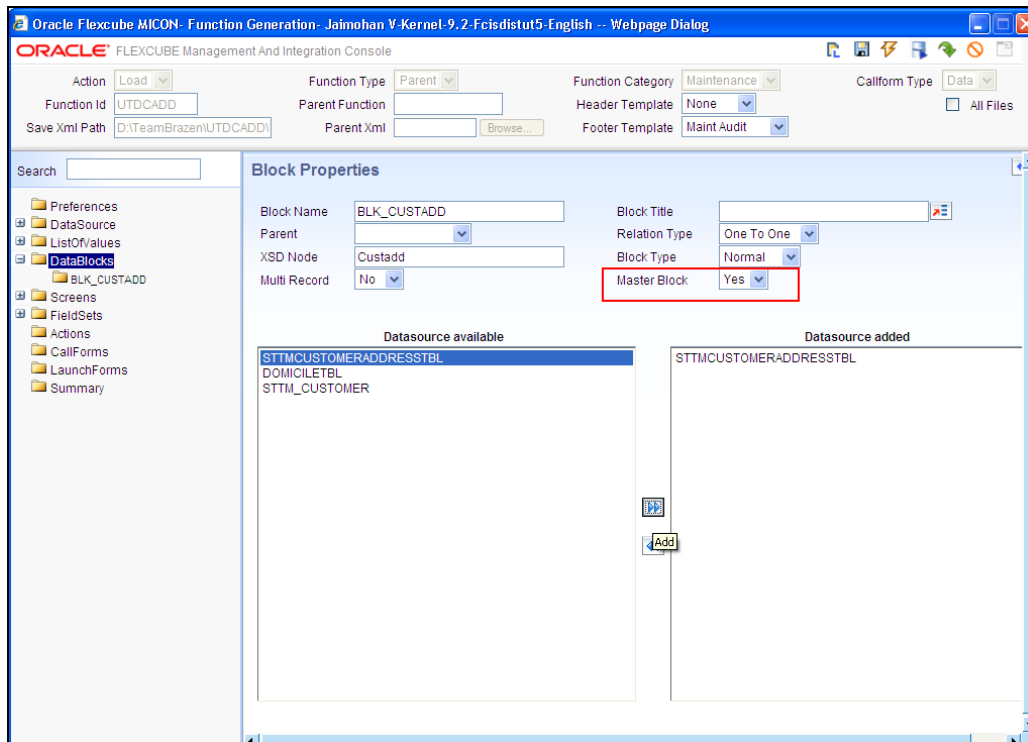
Datablocks are added by right clicking on the tab present on the left hand side of the screen.

8.1 Attaching Block Fields

- Datablock BLK_CUSTADD is added



- The MasterBlock option is to be made “Yes” and all the One to One Datasources are added here by selecting each and taking them to the right side using the arrows present on the screen

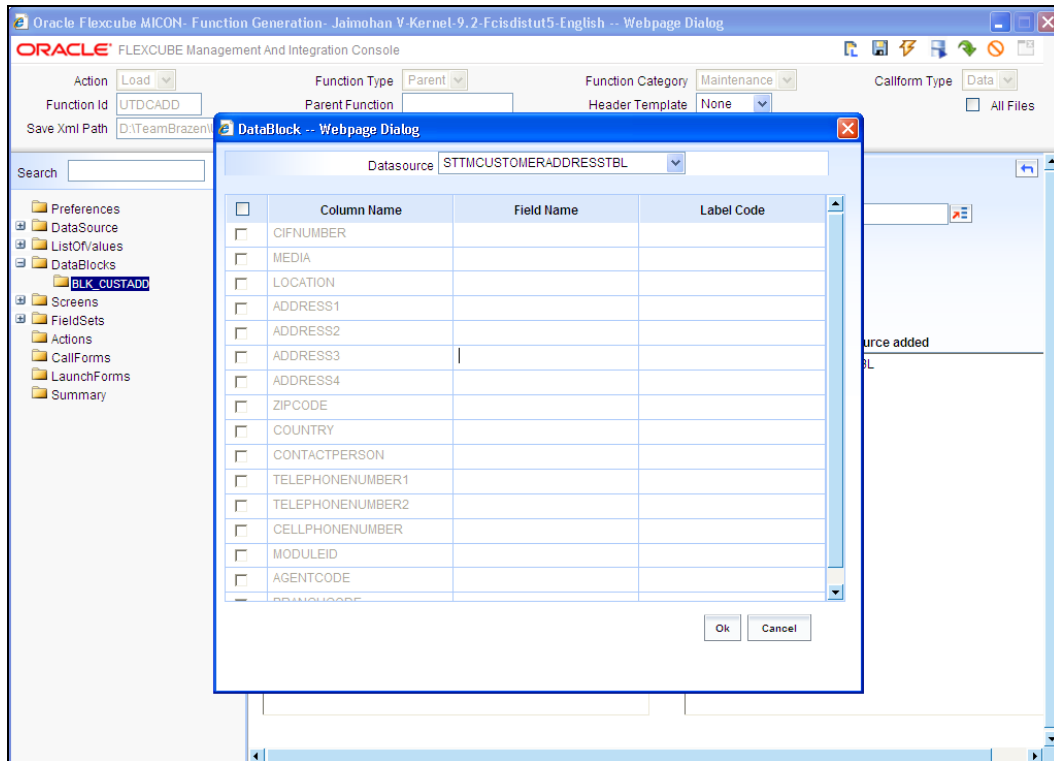


In case block for Detail Data sources, the Relation Type is to be changed to “One to Many”

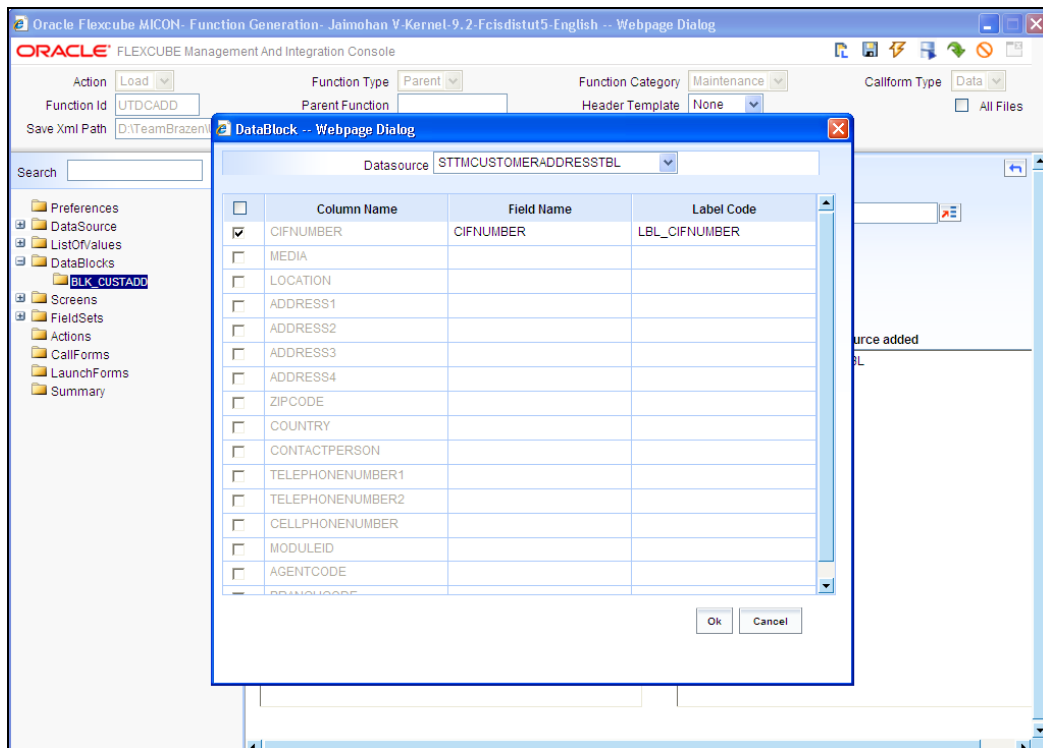


Multi record option is made “Yes ”, Parent field should be maintained and Master block should be “NO”.

- The columns that were added in the datasources in our earlier step will now have to be added in the corresponding datablock as well by right-clicking on the already added datablock and then pressing “Add”.
- The column name is typed into the field name and we click on the corresponding space for Label Code to fill all the entries for the row. We then click the check boxes then click “OK” in the screen below.



- The attributes for each column such as “Visible”, “ Required” and “Pop up edit required” as seen to the right part of the screen below in the Open Development Tool are checked if necessary.



STOP Primary Key of the data source must be selected as Required.

- CIFNUMBER Field of BLK_CUSTADD is declared as LOV by selecting the appropriate display type and LOV name and then the required Return Fields are set.

Oracle Flexcube MICON - Function Generation - Jaimohan V Kernel-9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Id: UTDCADD Save Xml Path: D:\TeamBrazen\UTDCADD\ Function Type: Parent Parent Function: Function Category: Maintenance Header Template: None Footer Template: Maint Audit Callform Type: Data All Files

Search: Block Field Properties

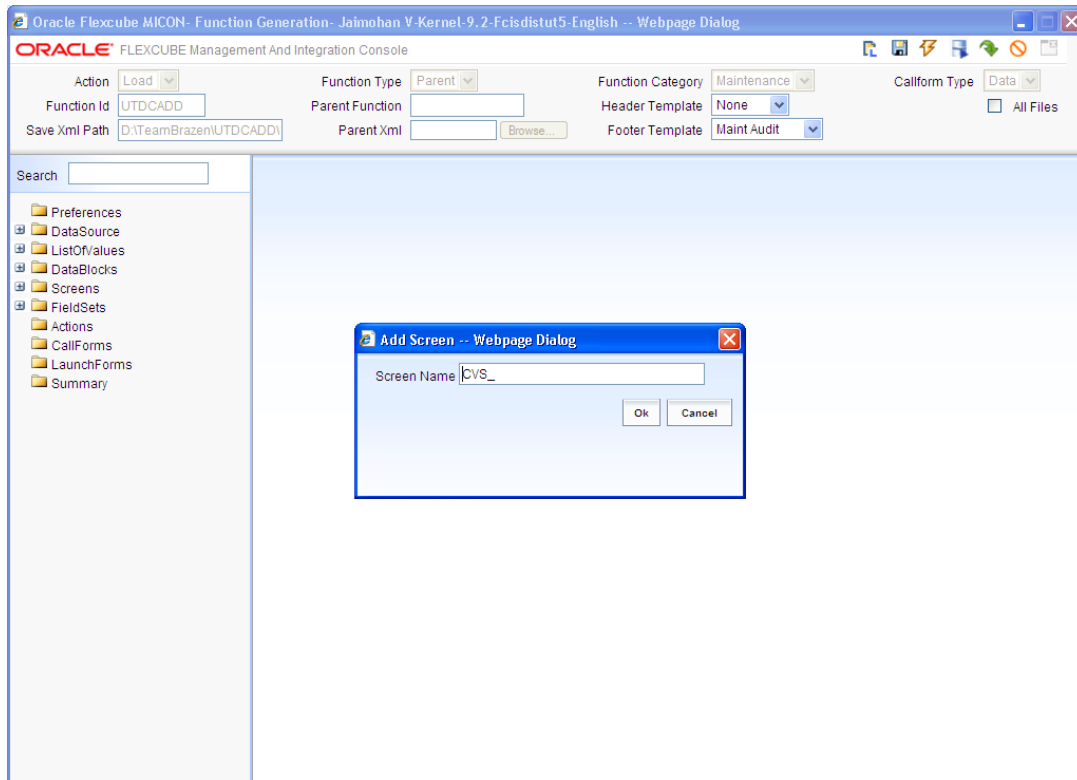
* Field Name: CIFNUMBER Field Label: LBL_CIFNUMBER XSD Tag: CIFNUMBER Display Type: Lov Item Type: Database Item Parent Field: Related Block: Related Field: TextArea Rows: Min.Val: Max.Decimals: LOV Name: LOV_CIFNUMBERLOV Global LOV: Fieldset Name: Preview Value: * Data Type: Varchar2 DataSource: STTMCUSTOMERADDRES Max.Length: 12 * Field Size: CIFNUMBER Column Name: Default Value: Copy From Block: Copy From Field: TextArea Cols: Max.Val: Image Source: Off Line LOV Name: Global Offline LOV: Accesskey Code: Mask Id: ☐ Popup Edit Reqd ☐ Required ☒ Visible ☐ Input by LOV Only ☐ Calendar Text ☐ Select Multiple ☐ Uppercase Only ☐ Checked ☐ Read Only ☐ Subsystem Dependent ☐ Not Req In Xsd ☐ Block PK Field ☒ LOV Validation Reqd

Custom Attributes Events Bind Variables Return Fields

	Attribute Name	Attribute value	Selected
☐			

9. Screen Layout Design

- Add a Screen as shown below



- The main screen should be named as CVS_MAIN and the changes are made as below.

- Screen Title should be added.
- Main screen should be checked.

Oracle Flexcube MICON - Function Generation - Jalnathan V-Kernel 9.2-Fcldistut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load | Function Type: Parent | Function Category: Maintenance | Callform Type: Data

Function Id: UTDCADD | Parent Function: | Header Template: None | Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ | Parent Xml: | Browse

Search:

Screen Details

Screen Name: CVS_CIFADDMAIN | Main Screen: Yes | Screen Size: Small | Exit Button Type: Default Cancel

Screen Title: CIF Address Maintenance | Screen Type: Template

Arg Name	Source Block	Source Field	Arg Value	Target Block	Target Field
Populate					

- In order to design the screen, we require the addition of sections.
- Use the “+” button to add and then name the partition. Width and sub partitions can be selected accordingly.

Oracle Flexcube MICON - Function Generation - Jalnathan V-Kernel 9.2-Fcldistut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load | Function Type: Parent | Function Category: Maintenance | Callform Type: Data

Function Id: UTDCADD | Parent Function: | Header Template: None | Footer Template: Maint Audit

Save Xml Path: D:\TeamBrazen\UTDCADD\ | Parent Xml: | Browse

Search:

Section Details

Tab Name: TAB_MAIN | Screen Portion: Body

Section Name: SEQ_1

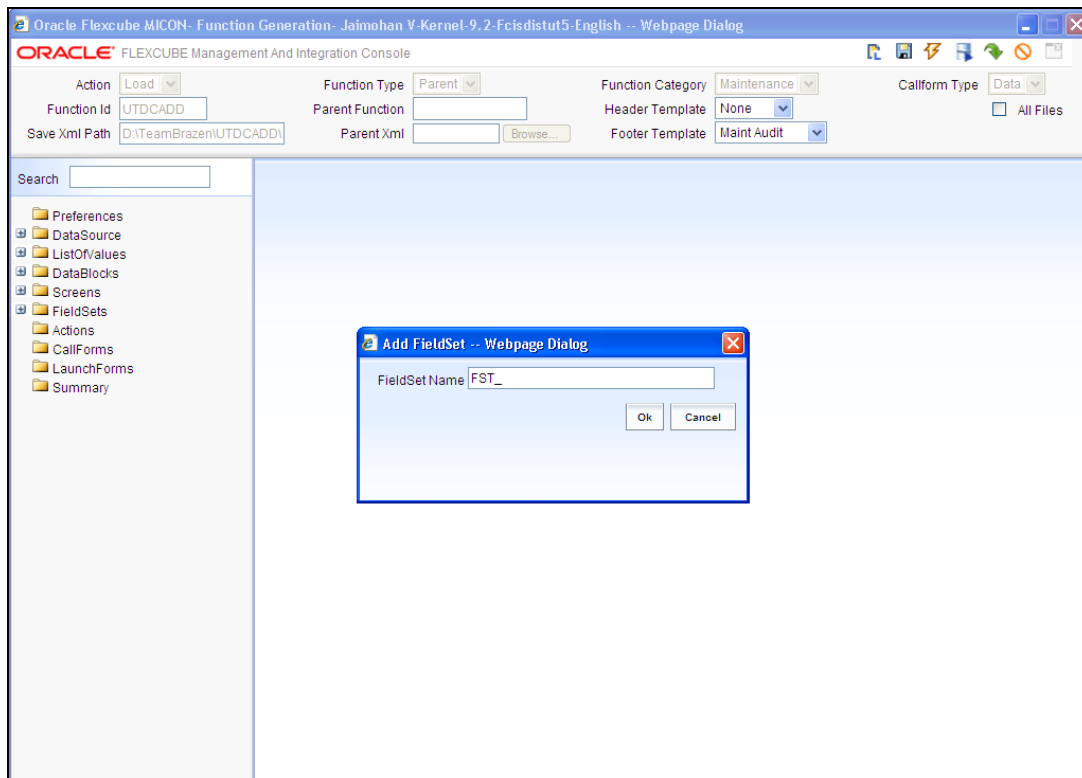
Partition Details

Partition Sl No	Partition Name	Width	Subpartitions
1	PART_1	50	
2	PART_2	50	

10. Field Sets

The various fieldsets that are required are shown in the screen below. For this example, we require two fieldsets named FST_CIFADDMaint and FST_TEL

- Add a new field set by right clicking on the field set folder and then click “ADD”.



Maintain the following information of the portion of the screen where the set of fields selected should be displayed on the screen.

- Screen name
- Screen Portion
- Tab name
- Section name
- Partition name

Oracle Flexcube MICON- Function Generation- Jaimohan V-Kernel-9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Save Xml Path: D:\TeamBrazen\UTDCADD\ Parent Xml: Browse...

Header Template: None Footer Template: Maint Audit

Search:

FieldSet Properties

Fieldset Name: FST_CIFADDMaint Fieldset Label: CIF Address Maintenance Data Block: BLK_CUSTADD Multi Record: No View Type: Single Fieldset Height: No Of Rows:

Screen Name: CVS_CIFADDMaint Screen Portion: Body Tab Name: TAB_MAIN Section Name: SEC_1 Partition Name: PART_1 Fieldset Width:

Horizontal Fieldset ☐ Read Only ☐ Navigation Button ☐

Data Block Fields

FieldSet Fields	Subpartition Name
☐ CIFNUMBER	
☐ CUSTOMER_NAME1	
☐ MEDIA	
☐ LOCATION	
☐ ADDRESS1	
☐ ADDRESS2	
☐ ADDRESS3	
☐ ADDRESS4	

- Sub Partitions can also be selected for the fields.

Oracle Flexcube MICON- Function Generation- Jaimohan V-Kernel-9.2-Fcisdut5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: Load Function Type: Parent Function Category: Maintenance Callform Type: Data

Function Id: UTDCADD Parent Function: Save Xml Path: D:\TeamBrazen\UTDCADD\ Parent Xml: Browse...

Header Template: None Footer Template: Maint Audit

Search:

FieldSet Properties

Fieldset Name: FST_CIFADDMaint Fieldset Label: CIF Address Maintenance Data Block: BLK_CUSTADD Multi Record: No View Type: Single Fieldset Height: No Of Rows:

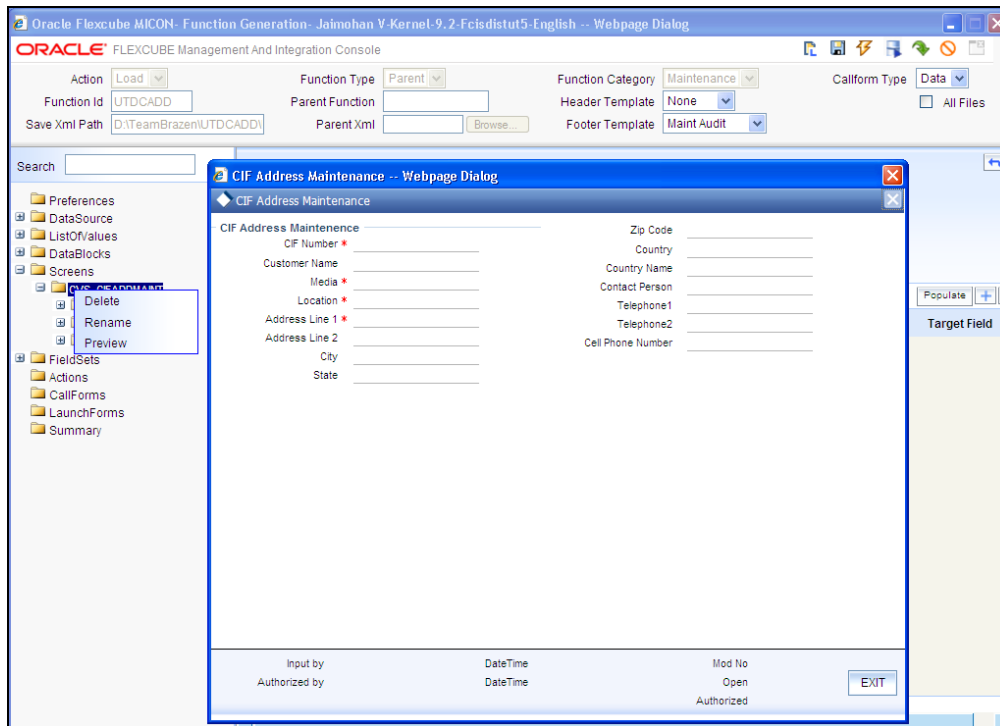
Screen Name: CVS_CIFADDMaint Screen Portion: Body Tab Name: TAB_MAIN Section Name: SEC_1 Partition Name: PART_1 Fieldset Width:

Horizontal Fieldset ☐ Read Only ☐ Navigation Button ☐

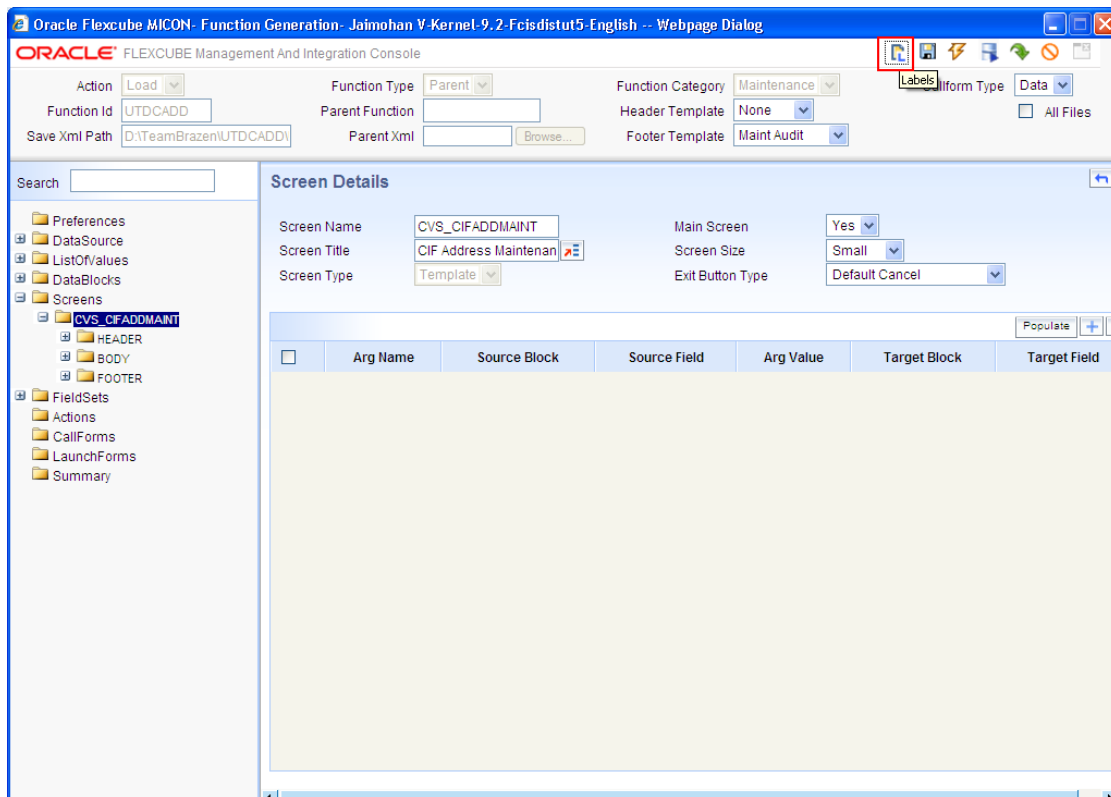
Data Block Fields

FieldSet Fields	Subpartition Name
☐ CIFNUMBER	
☐ CUSTOMER_NAME1	1
☐ MEDIA	2
☐ LOCATION	
☐ ADDRESS1	
☐ ADDRESS2	
☐ ADDRESS3	
☐ ADDRESS4	1

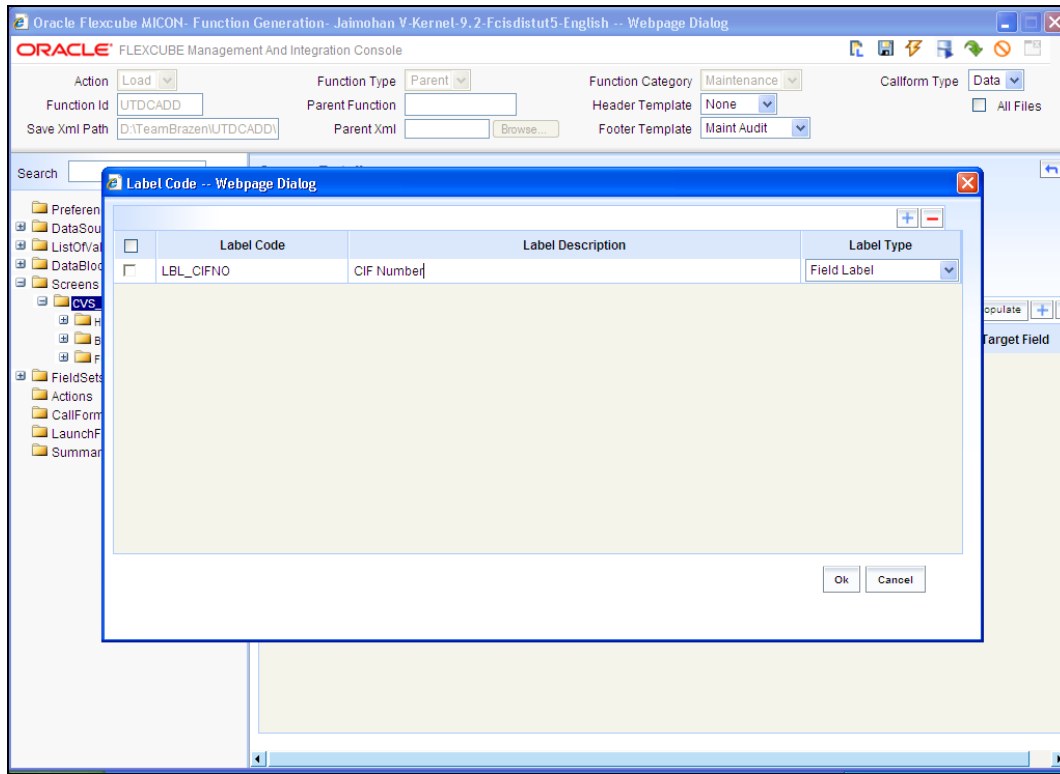
- Preview the Screen to determine any changes to be made.



- If the fields are not labeled in the preview, then we need to add the Label to the database. Click on the symbol indicated to the top right in the screen below.



- The below screen will appear and after pressing “+”, the new label details should be given



After the new label has been added, we can use the label lookup and the search will yield the label we have just added for our use

11. Actions

This is the place where amendable information and web services information is captured in Open Development Tool.

For maintenance type of function system enables the below action codes only:

- QUERY
- NEW
- MODIFY
- AUTHORIZE
- DELETE
- CLOSE
- REOPEN

For transaction Screens all the action would be enabled

The screenshot displays the Oracle Flexcube MICON Function Generation tool interface. The title bar indicates the file path: D:\TeamBrazen\UTDCADD\UTDCADD.xml. The main window is titled 'Form Actions' and contains a table of action codes and their corresponding operation codes.

At the top, there are several configuration fields:

- Action: Load
- Function Type: Parent
- Function Category: Maintenance
- Callform Type: Data
- Function Id: UTDCADD
- Parent Function: (empty)
- Header Template: None
- Footer Template: Maint Audit
- Save Xml Path: D:\TeamBrazen\UTDCADD\UTDCADD.xml
- Parent Xml: (empty)
- Browse... button
- All Files checkbox

The 'Form Actions' section includes a search bar and a table with the following columns: Web Service, Action Code, Operation Code, Action Stage Type, and Amendables. The table lists 12 action codes, with the first five (QUERY, NEW, MODIFY, AUTHORIZE, DELETE) checked in the 'Web Service' column and the 'Amendables' column.

Web Service	Action Code	Operation Code	Action Stage Type	Amendables
☒	QUERY	QueryCIFAddress	☒	☒
☒	NEW	CreateCIFAddress	☒	☒
☒	MODIFY	ModifyCIFAddress	☒	☒
☒	AUTHORIZE	AuthorizeCIFAddress	☐	☒
☒	DELETE	DeleteCIFAddress	☐	☒
☐	CLOSE		☐	☒
☐	REOPEN		☐	☒
☐	REVERSE		☐	☒
☐	ROLLOVER		☐	☒
☐	CONFIRM		☐	☒
☐	LIQUIDATE		☐	☒

12. Summary

- In Open Development Tool, the summary screen is created using the summary option on the left side of the screen.
- The datablock, the datasource and other details are filled and then the necessary fields are taken into the right side.
- Please ensure that the primary key of the Data source must be queried.
- Multi Branch Where Clause is for querying multi branch screens.

The screenshot shows the Oracle Flexcube MICON Function Generation console. The title bar indicates the application is running on a Windows system. The main window is titled "ORACLE FLEXCUBE Management And Integration Console". The "Action" dropdown is set to "Load". The "Function Id" is "UTDCADD". The "Save Xml Path" is "D:\TeamBrazen\UTDCADD\". The "Function Type" is "Parent". The "Function Category" is "Maintenance". The "Callform Type" is "Data". The "Header Template" is "None". The "Footer Template" is "Maint Audit". The "All Files" checkbox is checked.

The "Summary Details" section is active. It contains the following fields:

- Title: [Empty]
- Data Blocks: BLK_CUSTADD
- Data Source: STTMCUSTOMERADDRESSTBL
- Default Where Clause: [Empty]
- Default Order By: [Empty]
- Summary Type: Summary

The "Data Block Fields" section is active. It contains a list of fields on the left and a table on the right.

Fields Selected	Query
☐ CIFNUMBER	☒
☐ MEDIA	☒
☐ LOCATION	☒

The "Data Block Fields" list on the left includes: ADDRESS1, ADDRESS2, ZIPCODE, COUNTRY, TELEPHONENUMBER1, TELEPHONENUMBER2, CELLPHONENUMBER, CONTACTPERSON, ADDRESS3, and ADDRESS4.

Note that the fields indicated above are query fields

- Right click on Summary option and select “Preview” to get the Summary Screen.

Oracle Flexcube MICON: Function Generation - Jaimohan V-Kernel-9.2-Fcisdistu5-English -- Webpage Dialog

ORACLE FLEXCUBE Management And Integration Console

Action: **Load** Function Type: **Parent** Function Category: **Maintenance** Caliform Type: **Data**

Function Id: **UTDCADD** Parent Function: Header Template: **None** ☐ All Files

Save Xml Path: **D:\TeamBrazen\UTDCADD** Parent Xml: **Browse...** Footer Template: **Maint Audit**

Search:

Summary Details

Title: Default Where Clause:

Data Blocks: **BLK_CUSTADD** Default Order By:

Data Source: **STTMCUSTOMERADDRESSBL** Summary Type: **Summary**

Data Block Fields **Custom Buttons**

Data Block Fields

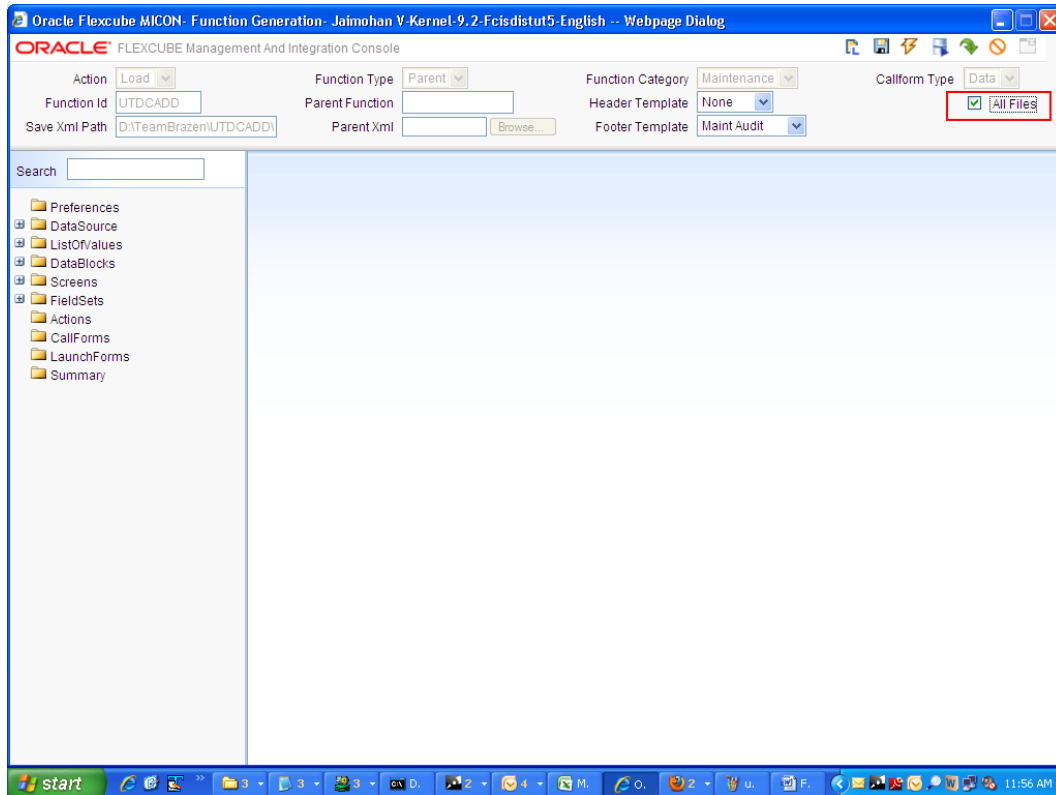
Fields Selected	Query
☐ ADDRESS1	☒
☐ ADDRESS2	☒
☐ ZIPCODE	☒
☐ COUNTRY	☒
☐ TELEPHONENUMBER1	☒
☐ TELEPHONENUMBER2	☒
☐ CELLPHONENUMBER	☒
☐ CONTACTPERSON	☒
☐ ADDRESS3	☒
☐ ADDRESS4	☒

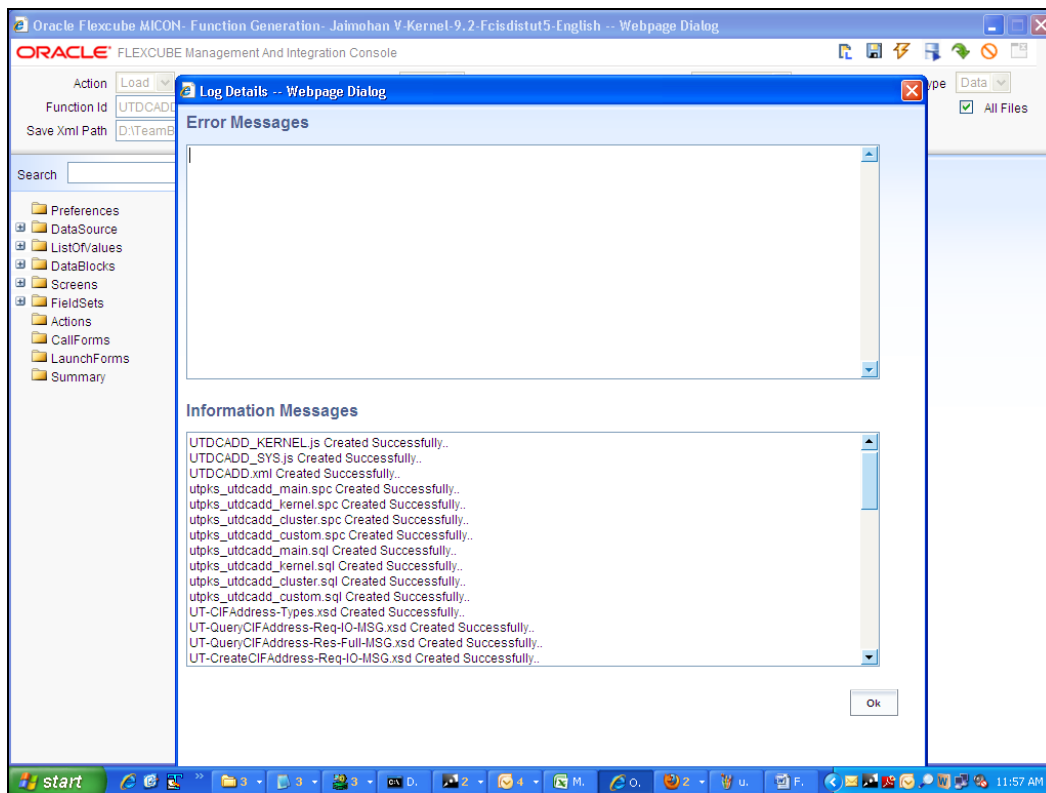
Preview

[illegible]

13. Open Development Tool Files Generation

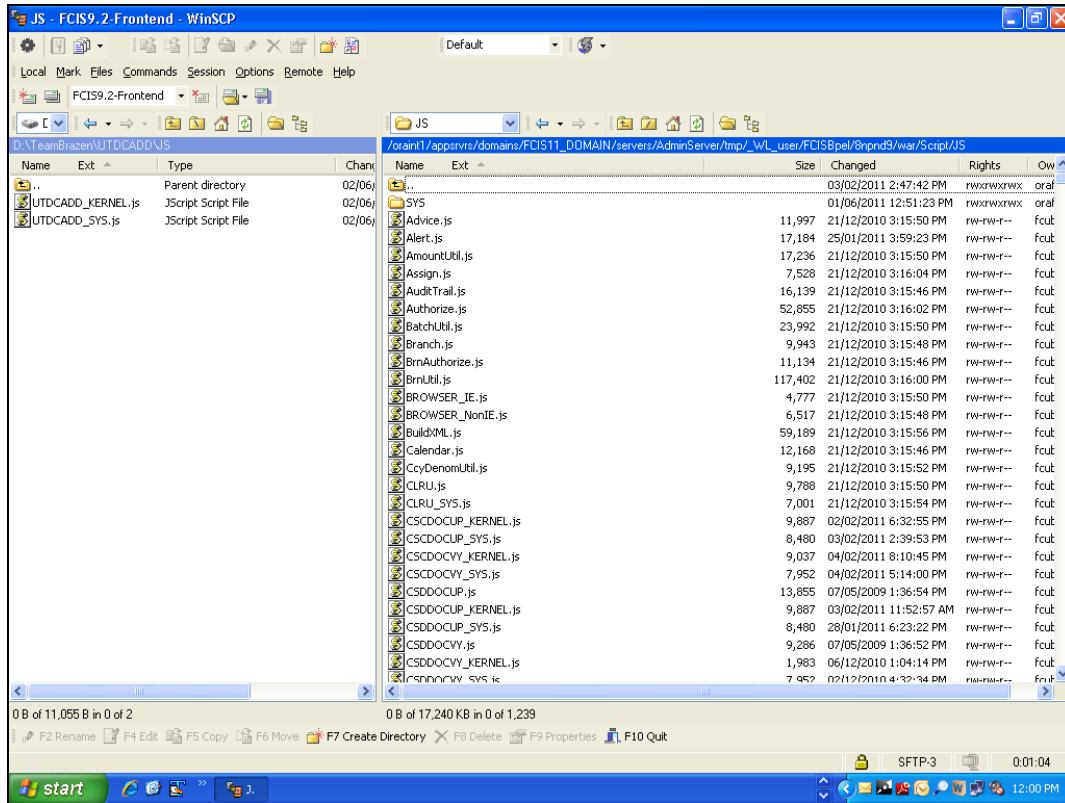
- Save the file. After saving, the files are generated using the generate option.





The files should be generated without error. If errors are reported, they need to be debugged.

- Deploy the generated files
- Deploy the file UTDCADD.xml in the UIXML path specified
- Deploy the files UTDCADD_SYS.js and UTDCADD.js in the JS path specified
- Compile the created objects in PL/SQL



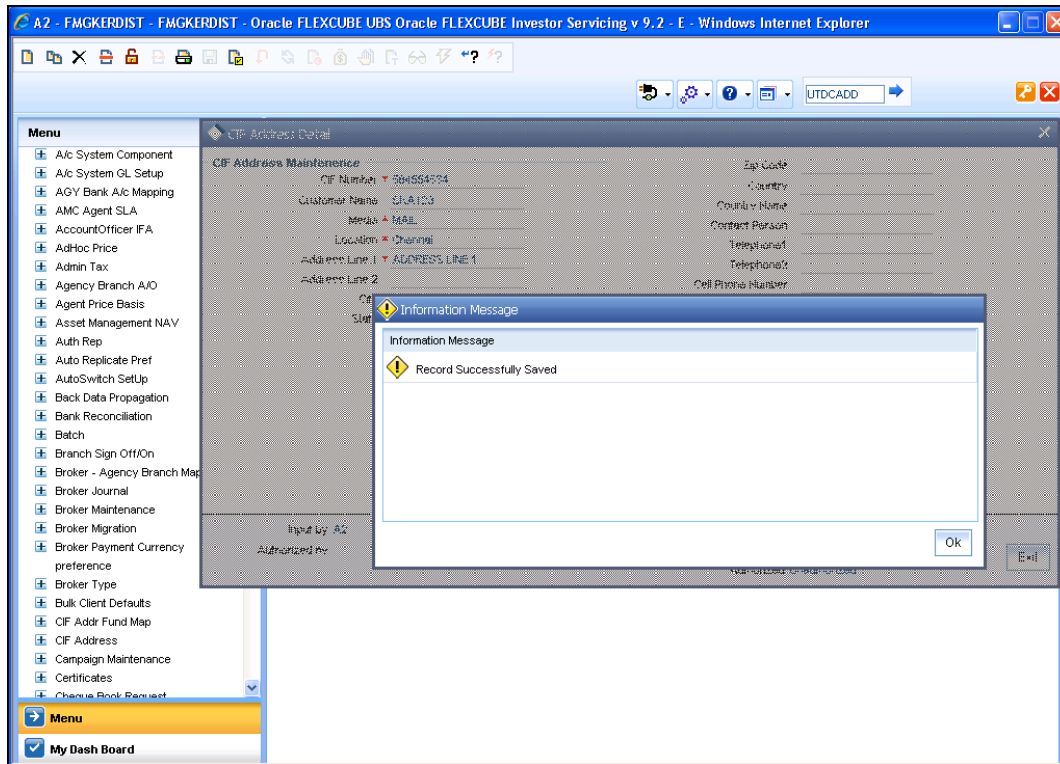
14. Testing

- Test the Screen in FLEXCUBE

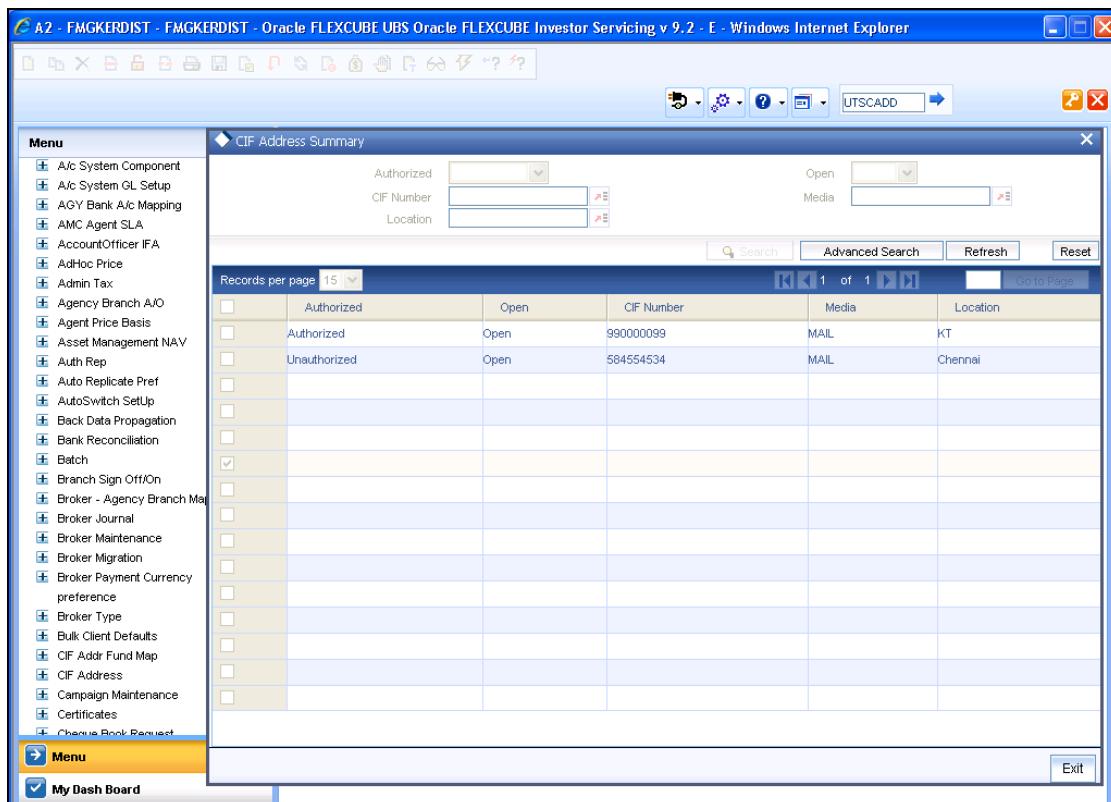
The screenshot displays the Oracle FLEXCUBE Investor Servicing v 9.2 application window. The browser title bar indicates the URL is A2 - FMGKERDIST - FMGKERDIST - Oracle FLEXCUBE UBS Oracle FLEXCUBE Investor Servicing v 9.2 - E - Windows Internet Explorer. The application interface includes a menu on the left with various system components and a main window titled 'CIF Address Detail'. The 'CIF Address Maintenance' form contains fields for CIF Number, Customer Name, Media, Location, Address Line 1, Address Line 2, City, State, Zip Code, Country, Country Name, Contact Person, Telephone1, Telephone2, and Cell Phone Number. At the bottom of the form, there are fields for Input by, Authorized by, DateTime, and Mod No, along with an 'Exit' button.

Input by	DateTime	Mod No
Authorized by	DateTime	Open
		Authorized

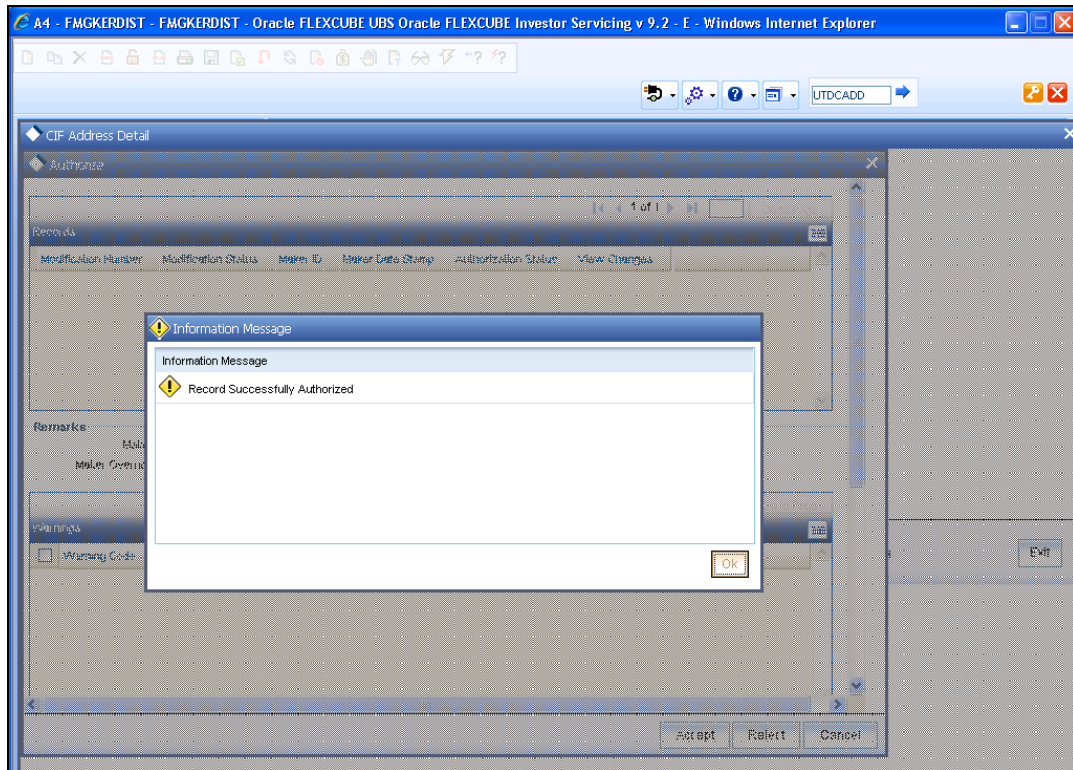
- Record is saved successfully



- Summary Screen is invoked to authorize the saved record



- Record is authorized successfully.





Function ID Development I

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