

# Oracle® Banking Corporate Lending User Defined Fields User Guide



Release 14.7.4.0.0

F97338-01

May 2024

The Oracle logo, consisting of the word "ORACLE" in white, uppercase, sans-serif font, centered within a solid red square.

ORACLE®

Copyright © 2016, 2024, Oracle and/or its affiliates.

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.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. 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 fail-safe, 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.

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

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about 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 unless otherwise set forth in an applicable agreement between you and Oracle. 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, except as set forth in an applicable agreement between you and Oracle.

# Contents

## Preface

---

Introduction	v
Audience	v
Conventions	v
List Of Topics	vi
Related Documents	vi
Symbols, Definitions and Abbreviations	vii

## 1 Creating Custom Fields in Oracle Lending

---

1.1	User Defined Fields Maintenance Screen	1-1
1.2	Scope of the Field	1-3
1.3	Numeric Field	1-4
1.4	Text Field	1-4
1.4.1	Validation Type - LOV (List of Values)	1-5
1.4.2	Derivation	1-5
1.5	Date Field	1-7
1.5.1	Indicating the Validation Type	1-7
1.5.2	Marking the Field as Unique	1-8
1.5.3	Specifying the Default Value	1-8
1.5.4	Allowing the Modification of Values after Population	1-8
1.5.5	Factory Shipped Fields	1-9
1.5.6	Additional Validation Rules	1-9
1.5.7	Validation Rule	1-10
1.5.8	Cube Entity	1-11
1.5.9	Enabling the Update Allowed Option for a UDF	1-12
1.6	Making a Field Applicable to a Product	1-12
1.7	Creating UDF and linking to a Function ID	1-13
1.7.1	Creating UDF	1-13
1.7.2	Linking UDF to Function ID	1-14
1.8	Populating the Values of UDF	1-15
1.8.1	Population of UDF Values at the Contract Level	1-15
1.9	Uploading User Defined Fields	1-17
1.9.1	Contract Upload	1-17

## Index

---

# Preface

This topic contains the following sub-topics:

- [Introduction](#)
- [Audience](#)
- [Conventions](#)
- [List Of Topics](#)
- [Related Documents](#)
- [Symbols, Definitions and Abbreviations](#)

## Introduction

This manual is intended as a guide to help you define User Defined Fields (UDFs) and associate the UDFs with products (and therefore on contracts involving the products) and on specific Functions in Oracle Lending. You can further obtain information specific to a particular field by placing the cursor on the relevant field and pressing <F1> on the keyboard.

## Audience

This manual is intended for the following User/User Roles

**Table 1 Audience**

<b>Role</b>	<b>Function</b>
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of day operators	Processing during end of day/ beginning of day
Financial Controller / Product Managers	Generation of reports

## Conventions

The following text conventions are used in this document:

**Table 2 Conventions and Meaning**

<b>Convention</b>	<b>Meaning</b>
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

**Table 2 (Cont.) Conventions and Meaning**

Convention	Meaning
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## List Of Topics

This manual is organized into the following topics.

**Table 3 List Of Topics**

Topics	Description and Cross References
Preface	This topic provides the general information about the manual. It also list the various topics covered in the User Manual.
Creating Custom Fields in Oracle Lending	<p>This topic explains how to define and use UDFs. It details the procedure involved in defining UDFs and associating them with Products, so that the UDF is associated with contracts associated with all contracts involving the product. It also explains how to define UDFs and associating them with specific functions in Oracle Lending.</p> <p>The topics which are part of Creating Custom Fields in Oracle Lending are:</p> <ol style="list-style-type: none"> <li>1. <a href="#">User Defined Fields Maintenance Screen</a></li> <li>2. <a href="#">Scope of the Field</a></li> <li>3. <a href="#">Numeric Field</a></li> <li>4. <a href="#">Text Field</a></li> <li>5. <a href="#">Date Field</a></li> <li>6. <a href="#">Making a Field Applicable to a Product</a></li> <li>7. <a href="#">Creating UDF and linking to a Function ID</a></li> <li>8. <a href="#">Populating the Values of UDF</a></li> <li>9. <a href="#">Uploading User Defined Fields</a></li> </ol>
Glossary	Function ID Glossary has alphabetical listing of Function/Screen ID's used in the module with section references for quick navigation.

## Related Documents

For further information on procedures discussed in the manual, refer to the following manuals on:





- *Core Entities and Services User Guide*
- *Common Procedures*

- *Products*

## Symbols, Definitions and Abbreviations

The following are some of the Symbols you are likely to find in the manual:

**Table 4 Symbols**

Icons	Functions
	Exit
	Add row
	Delete row
	Option List

The images used in the documentation are of illustration purpose and need to be used only for reference.

For more information, refer to *Accessibility User Manual*.

# 1

## Creating Custom Fields in Oracle Lending

While working with Oracle Lending, there are additional fields that you prefer to use either for your convenience or to suit the requirements of your bank. Adding to its flexibility, Oracle Lending now provides you the option to add fields based on your specifications to meet your needs.

This topic contains following sub-topics:

- [User Defined Fields Maintenance Screen](#)
- [Scope of the Field](#)
- [Numeric Field](#)
- [Text Field](#)
- [Date Field](#)
- [Making a Field Applicable to a Product](#)
- [Creating UDF and linking to a Function ID](#)
- [Populating the Values of UDF](#)
- [Uploading User Defined Fields](#)

### 1.1 User Defined Fields Maintenance Screen

Based on your requirement and the nature of the field, you can specify default values and validations for the field. Oracle Lending validates all entries made to the field with the validations you define for a field.

#### To capture details of User Defined Fields Maintenance screen

Specify the **User ID** and **Password**, and login to Homepage.

1. On the Homepage, Type **UDDUDFMT** and click next arrow.

The **User Defined Fields Maintenance** screen is displayed.

 **Note:**

The fields which are marked in asterisk red are mandatory fields.



**Figure 1-1 User Defined Fields Maintenance**

2. A field that you have created becomes operational in Oracle Lending only after it is authorized. A user bearing a different Login ID can authorize a field definition record that you have created.
3. You can enter below basic details in **User Defined Fileds Maintenance** screen. For information on fields, refer to the field description table.

**Table 1-1 User Defined Field Maintenance Details**

Field	Description
<b>Field Name and Description</b>	You can identify a field that you create with a unique identifier, and a brief description. Each field that you define in Oracle Lending should be assigned a unique code. You can briefly describe the field in Description field. The description is for your information only. Itis not be printed on any customer correspondence.
<b>Field Type</b>	The type of field that you can create in Oracle Lending can be of the following formats: <ul style="list-style-type: none"> <li>• <b>Number</b> - Choose this option to create a Numeric field.</li> <li>• <b>Text</b> - Choose this option to create a Text field.</li> <li>• <b>Date</b> - Choose this option to create a Date field.</li> <li>• <b>Cube Entity</b> - Should you need to reuse any of the existing fields of Oracle Lending, to enter additional details you can indicate the Field Type as Cube Entity. The Cube Entity can be any of the existing fields in Oracle Lending like customer, currency, account, and so on.</li> </ul>

**Table 1-1 (Cont.) User Defined Field Maintenance Details**

Field	Description
<b>Marking a Field as Mandatory</b>	You can make entry to a field mandatory. To do so, select the Mandatory option. You are forced to make an entry to the field. Leave it deselected to indicate that the field is not mandatory.

 **Note:**

When a UDF is created, you have to first map it to the corresponding function ID and then provide the validation rule for the UDF.

## 1.2 Scope of the Field

While defining a new user defined field, you need to specify whether the new field has to be used at the product or maintenance level. The scope or usage of the field that is being defined can be specified as **Usage Allowed**.

- If the new field that is being defined has to be used at the product level, select usage as **Product**.
- If the new field is to be used in any of the maintenance screens (screens related to Core Maintenance like **Currency Definition** screen, **Customer Accounts maintenance** screen , and so on), select usage as **Function Id**.

 **Note:**

In Oracle Lending, every screen has a unique function Id. However to differentiate between product and maintenance levels, the scope of a user defined has been classified as Product and Function Id.

If the new field that is being defined is for a maintenance screen (Usage Allowed is **Function Id**), you can specify the function Id of the screen in which the new field has to be used. This has to be indicated in the **Function Id** field. Click on the option list positioned next to this field. The function Ids of all the maintenance screens are displayed. Select the appropriate function Id.

For example, if you want to use the new field in the **Chart Of Accounts - Detailed** screen, select the Function Id **GLDCHACT**, thus allowing the usage of the field in the Chart of accounts screen only.

 **Note:**

If you want the Field to be made available for all the Functions, you have to leave it blank.

## 1.3 Numeric Field

To define a numeric field, choose the number option at the **Field Type** field. You can set up validation rules for a numeric field. You can indicate your preference at the validation type field of this screen. The validation types applicable to a numeric field are:

- **Validation Type - Range**

You can specify the range validation type only for Numeric fields. In this case the entry to the field should be within a permissible range.

On choosing this validation type, you should indicate either the maximum or minimum values or both values allowed for the field. Any valid entry to the field should be within the range that you specify.

- **Validation Type - Length**

For a numeric field you can indicate that the entry should be of a certain length. You have the option to indicate,

- A fixed length
- The maximum and minimum length for the field

Depending on the option you select, indicate the fixed field length or indicate the maximum and minimum length for valid entries to the field.

- **Validation Type - LOV (List of Values)**

Choose LOV to indicate that the entry to this field can be chosen from a predefined list. On choosing this option you can define the items that should be displayed on this list.

Click **LOV** button and define the list of values and their description. The items that you define for the list are displayed whenever the field is used in Oracle Lending.

- **Validation Type - None**

Choose None to indicate that no validation should be performed on entries made to this field.

## 1.4 Text Field

To define a text field, choose the text option at the Field Type field. A text field can contain alphabets of the English language or a combination of alphabets and numeric values.

You can specify validation rules for a text field. The validation types applicable to a text field include:

- Length
- Mask
- LOV
- None

You can indicate your preference at the validation type field of this screen. Choose **None** to indicate that no validation should be performed on entries made to this field.

### Validation Type - Length

For a text field you can indicate that a valid entry to the field should be of a certain length. You have the option to indicate,

- A fixed length

- The maximum and minimum length for the field

Depending on the option that you select, indicate the fixed field length or indicate the maximum and minimum length of entries made to the field.

### Validation Type - Mask

To indicate a field as a masked field, choose Mask as the field type. This option allows you to define a broad field structure to which all entries to the field should conform.

The mask structure can consist solely of **a** or **n** or a combination of these. An **a** indicates an alphabet of the English language and **n** a numeric value.

All entries made to the field is validated with the format that you specify for the mask.

This topic contains following sub-topics:

- [Validation Type - LOV \(List of Values\)](#)
- [Derivation](#)

## 1.4.1 Validation Type - LOV (List of Values)

Choose LOV to indicate that the entry to this field can be chosen from a predefined list. On choosing this option you can define the items to be displayed on this list.

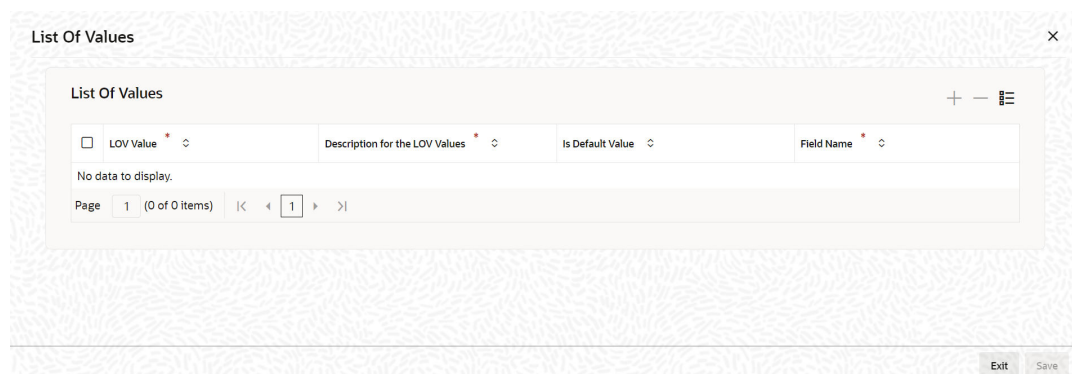
Specify the **User ID** and **Password**, and login to Homepage.

From the Homepage, navigate to **User Defined Fields Maintenance** screen.

1. From the **User Defined Fields Maintenance** screen, click **LOV** tab.

The **List Of Values** screen is displayed.

**Figure 1-2 List Of Values**



2. Click **LOV** button and define the list of values and their description. The items that you define for the list are displayed whenever the field is used in Oracle Lending.

## 1.4.2 Derivation

This indicates the procedure for populating the values of a field. When you are processing a transaction that uses the user defined field, the value of the UDF can be populated in the **User Defined Field/Field Name to Value Definition** screen that is invoked from the **Contract Input** screen or the **Function Id** screen. The value for the field can be populated based on certain conditions, which can be defined as statements of code by the user. Check against **Derivation Allowed** to specify that the value of a field has to be populated based on certain conditions.

Specify the **User ID** and **Password**, and login to Homepage.

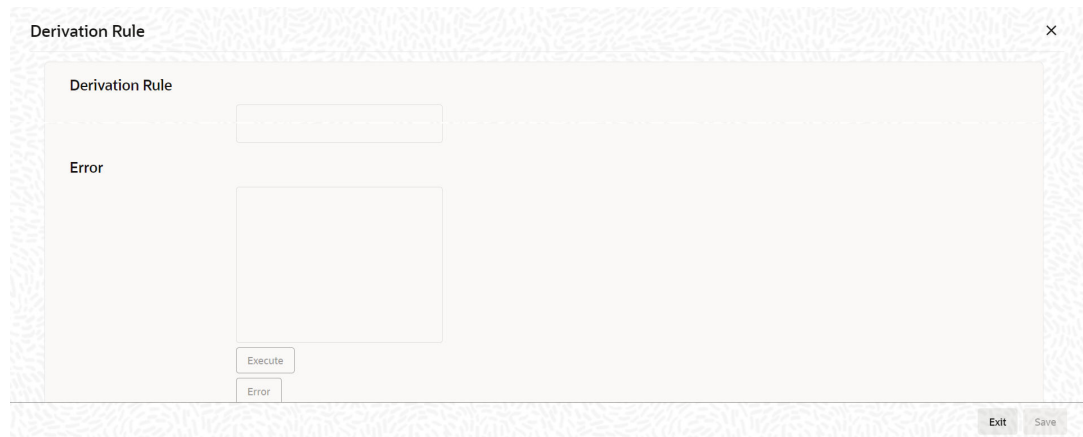
From the Homepage, navigate to **User Defined Fields Maintenance** screen.

1. From the **User Defined Fields Maintenance** screen, click **Derivation** tab.  
The **Derivation Rule** screen is displayed.

 **Note:**

The fields which are marked in asterisk red are mandatory fields.

**Figure 1-3 Derivation Rule**



2. You can enter below details in this tab. For information on fields, refer to the field description table.

**Table 1-2 Derivation Rule**

Field	Description
<b>Derivation Rule</b>	<p>Select the <b>Derivation Allowed</b> option, if you want the values of a UDF to be populated based on certain conditions. According to the requirements of the bank, the implementer of Oracle Lending writes a PL/SQL code to populate the values of the user defined field. The values of the UDF are displayed in the <b>User Defined Field/Field Name to Value Definition</b> screens of Contract Input or Function Id screen.</p> <p>Write the PL/SQL code in <b>Derivation Rule</b> screen.</p> <p>After writing the PL/SQL code, click <b>X</b> button to execute the code. The derivation code is validated by the system. If any checks fail, you must alter the statement so that the validation can be made successfully. Click <b>E</b> button to view the errors.</p> <p>For example, the bank wants to have a new field to display the Euro equivalent of the contract amount in the <b>User Defined Field</b> screen of Contract Input screen. To do this, you need to:</p> <ul style="list-style-type: none"> <li>• Define a field of type <b>Number</b>,</li> <li>• Specify <b>Usage Allowed</b> as <b>Product</b>,</li> <li>• Check against <b>Derivation Allowed</b>, and</li> <li>• Write a code to display the Euro equivalent of the contract amount.</li> </ul> <p>Subsequently, you can link the UDF to a product and process transactions under it. In the <b>User Defined Field</b> screen of Contract Online screen, system executes the derivation rule to convert the transaction amount to Euro equivalent and displays the Euro equivalent of the transaction amount.</p> <p>After writing the PL/SQL code, click <b>X</b> button to execute the code. The derivation code is validated by the system. If any checks fail, you must alter the statement so that the validation can be made successfully. Click <b>E</b> button to view the errors.</p>

## 1.5 Date Field

To define a date field, choose Date as the Field Type. For a date field, you can indicate validations like whether back and future dates can be entered into the field and the back or future period applicable to the field.

This topic contains following sub-topics:

- [Indicating the Validation Type](#)
- [Marking the Field as Unique](#)
- [Specifying the Default Value](#)
- [Allowing the Modification of Values after Population](#)
- [Factory Shipped Fields](#)
- [Additional Validation Rules](#)
- [Validation Rule](#)
- [Cube Entity](#)
- [Enabling the Update Allowed Option for a UDF](#)

### 1.5.1 Indicating the Validation Type

You can specify the validation type for a date field. The validation types applicable to a date field include:

- LOV
- None

If you indicate LOV then an entry to the field can be made only from the predefined list that you maintain for the field. Choose None to indicate that no validation should be made for the field.

#### Back/Future Date Allowed

For a date field you can indicate whether back or future dates can be entered. Select the relevant options to indicate your preference.

If you choose the back or future date options, you should also indicate a future or back period permissible for the field. The back or future period should be represented as a number.

For example, if you indicate **3** as the back date period, the field accept dates upto three days before the current system date as a valid entry.



#### Note:

If you do not choose any of these options, the field only accept the current system date as a valid entry.

## 1.5.2 Marking the Field as Unique

Select **Unique** if the field that is being defined has to be unique. Consequently,

- If the usage allowed for the field is **Product**, the new field is unique across modules.
- If the usage allowed is **Function Id**, it is unique for the particular function id that is., if you have specified a function ID, the new field can be used only in the specified Function ID screen).

## 1.5.3 Specifying the Default Value

You can specify a default value for a user-defined field. The option list positioned next to this field is enabled only if the field is a cube entity. Otherwise, the option list is disabled.

For example, assume that your bank wants to capture an additional currency field for processing certain transactions and the default value for this additional field has to be USD. Therefore, your selections are as follows:

- Field Type - Cube Entity
- Cube Entity Type - Currency

The option list in the **Default Value** field displays all the currencies maintained at your bank. Select USD. Consequently, in the UDF screen of the Contract Input or Function Id screen, USD is displayed as the default currency.

If you have specified a default value for a field and also the derivation rule, the value obtained from the derivation rule takes precedence over the default value at the Contract/ Function Id level.

## 1.5.4 Allowing the Modification of Values after Population

You can modify the value of a field after it is populated in the **User Defined Field/Field Name to Value Definition** screen of **Contract Input or Function Id** screen. To allow amendments to

the values after they are populated, select the field **Amendable** at the time of defining a new field.

 **Note:**

You are not allowed to change the values of those fields for which you have disallowed the amendment option (if the option **Amendable** is deselected at the time of defining an UDF) and derivation is allowed (**Derivation Allowed** option is selected).

## 1.5.5 Factory Shipped Fields

Apart from the fields that you have created, there are a set of fields that are sent by default as part of Oracle Lending. These fields are referred to as factory shipped fields. You cannot define or change validations specified for factory shipped fields.

## 1.5.6 Additional Validation Rules

Apart from specifying the validation type for a field, you can specify additional validation rules to meet the requirements of the bank. To indicate that additional validations are required for a particular user defined field, select **Validation Allowed**. This allows you to write a code to validate the value in the new field.

Specify the **User ID** and **Password**, and login to Homepage.

From the Homepage, navigate to **User Defined Fields Maintenance** screen.

- From the **User Defined Fields Maintenance** screen, click **Validation**.  
The **Validation Rule** screen is displayed.

 **Note:**

The fields which are marked in asterisk red are mandatory fields.



**Figure 1-4 Validation Rule**

## 1.5.7 Validation Rule

This is the PL/SQL validation code based on which the system check the value of the new field and validates at the time of transaction processing. Entry to this field is mandatory if you have selected **Validation Allowed** option.

For example, at the time of processing a contract for a customer, the bank wants to add a new field to enter the first nominee that the customer has specified in his account. The names of the nominees of a customer are maintained in the **Customer Accounts Maintenance** screen. The bank wants the system to check that the name of the nominee that is entered in the new field and the name of the first nominee that is maintained in the **Customer Accounts Maintenance** screen are same.

To do this, you need to:

- Create a new user defined field of type **Text**,
- Specify **Usage Allowed** as **Product**,
- Check against **Validation Allowed**, and
- Write a code to validate the value entered in the new field. In the **Validation Rule**, you write a code to check that the value of the first nominee specified in the **Customer Accounts Maintenance** screen for the customer for whom you are processing a contract and the value entered at the time of processing a contract are same.

### Syntax to be used in Derivation and Validation Rules

- (**@FIELD\_VAL**)  
(**@FIELD\_VAL**) holds the Value UDF. This is s mandatory for Derivation Logic and it can be used in Validation logic to get the value of the field.

For example, (**@FIELD\_VAL**): = 'USD';

Select ccy\_code into (**@FIELD\_VAL**) from CYTMS\_CCY\_DEFN where country = **USA**;

- (**@RECORD\_KEY**)  
(**@RECORD\_KEY**) behaves differently for UDFs' linked to Product and different for UDFs' linked to Function Id.
- (**@RECORD\_KEY**) When **User Defined Field** is linked to **FUNCTION\_ID**

To use (@Record\_key) in **User Defined Fields** where Usage allowed is **Function\_Id**, you have to maintain Function Key Mapping, which is used to determine the record key before you define the UDF.

## 1.5.8 Cube Entity

If the field that you are creating is of the type **Cube Entity**, indicate the entity that is applicable to the field. You can select a **Cube Entity** from the option list positioned next to this field. This contains the following Cube Entities:

- Currency
- GL
- Branch
- Customer
- Account
- Contract Ref No
- User Ref No
- Liability ID

For instance, you need to capture details of an additional customer for a transaction. You can choose the **Cube Entity** field type and select the **Customer** field. The list of customers maintained for your bank are made available at the field as in any other **Customer** field in Oracle Lending.

### To capture the details of cube entity

Specify the **User ID** and **Password**, and login to Homepage.

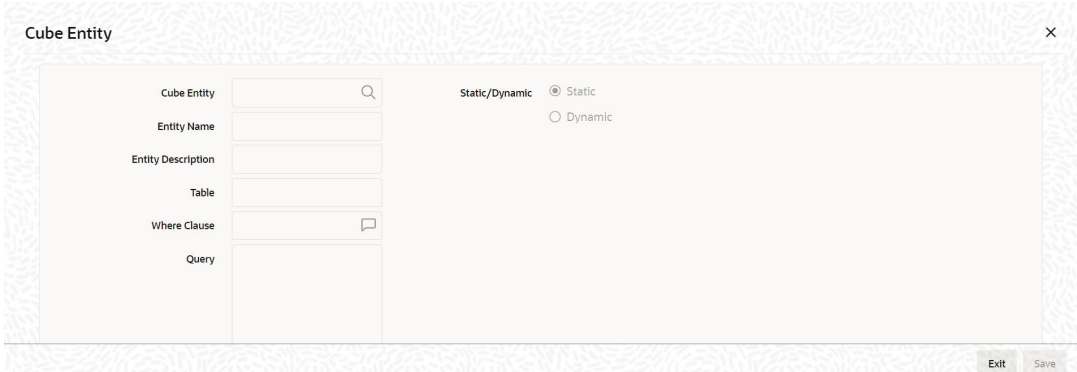
From the Homepage, navigate to **User Defined Fields Maintenance** screen.

1. From the **User Defined Fields Maintenance** screen, click **Cube Entity**.  
The **Cube Entity** screen is displayed.

#### Note:

The fields which are marked in asterisk red are mandatory fields.

**Figure 1-5 Cube Entity**



The screenshot shows a web form titled "Cube Entity" with a close button (X) in the top right corner. The form contains the following fields and controls:

- Cube Entity**: A text input field with a magnifying glass icon for search.
- Entity Name**: A text input field.
- Entity Description**: A text input field.
- Table**: A text input field.
- Where Clause**: A text input field with a speech bubble icon.
- Query**: A text input field.
- Static/Dynamic**: A group of radio buttons, with **Static** selected and **Dynamic** unselected.
- Exit** and **Save**: Buttons located at the bottom right of the form.

2. In the **Cube Entity** screen, you need to specify the method by which the values have to be populated. The options available are:
  - **Static:** If you choose this option, system retrieves the values from a Oracle Lending table. After specifying the cube entity, specify the table name, column name and where clause based on which the data is retrieved from the table. If you have defined a cube entity once, you can reuse it. The adjoining option list displays all the cube entities, which you had used earlier displays. Select the appropriate cube entity. On selection of the reused cube entity, system automatically displays the table name, column name and where clause (if specified for the selected cube entity). You can however modify the condition in the where clause but not the table name and column name.
  - **Dynamic:** If you choose this option, the values on the UDF are populated based on the query written by the user

 **Note:**

At the time of installation, the implementer writes the PL/SQL code for the derivation rule, validation rule and also the query for fetching a cube entity according to the requirements of the bank.

**Table 1-3 Cube Entity**

Field	Description
<b>Table</b>	Depending on your selection in the <b>Cube Entity</b> field, system displays the table name in which the selected cube entity is located. The value of the column (which is specified in the previous field) from this table is picked up to populate the values of the new field.
<b>Description</b>	After you enter the cube entity, you may enter a brief description of the cube entity. This description is used for information retrieval.
<b>Where Clause</b>	Enter the condition based on which the values from the specified column and table, the values of the new field should be picked up. Enter the condition in this field if you have indicated <b>Static</b> method for populating the values of the cube entity.
<b>Query</b>	This is the code, based on which the values of the new field is picked up. The query has to be written if the option <b>Dynamic</b> is selected.

## 1.5.9 Enabling the Update Allowed Option for a UDF

The **Update Allowed** option is used during event processing. You can assign values to a UDF when a UDE is processed. During event processing, the system assigns certain UDF parameters based on the execution query you have maintained in the **Event Processing** screen. You are allowed to assign UDFs only for those UDFs for which the **Update Allowed** option is enabled.

## 1.6 Making a Field Applicable to a Product

The fields that you define in the **User Defined Fields** screen can be made applicable to the products (and thereby to the contracts) that you create for the front-end modules of Oracle Lending depending on your selection in the **Usage Allowed** field.

For example, suppose you have defined a user-defined field DATE1 with **Usage Allowed** as Product, the UDF is displayed for association only in the **Product Definition** screen of a module.

Specify the **User ID** and **Password**, and login to Homepage.

From the Homepage, navigate to **Loans and Deposit Product Definition** screen.

1. On the **Loans and Deposit Product Definition** screen, click **Fields** tab.

The **Product User Defined Fields** screen is displayed.

**Figure 1-6 Product User Defined Fields**



2. In this screen, you can link the user-defined fields to the product that you are defining. From this list of all the fields that you created, you can choose specific fields and make them applicable to the product. Oracle Lending allows you to link up to two hundred fields to a product.
3. To link a user-defined field, click **Add** icon. A list of all the user-defined fields for which the usage allowed is **Product** is displayed. Select the fields that have to be included in the **Contract Input** screen for the contracts processed under the product that is being defined.
4. When a contract is processed under that product, the fields associated with the product are available in the **Contract Input** screen.

## 1.7 Creating UDF and linking to a Function ID

This topic contains the following sub-topics:

- [Creating UDF](#)
- [Linking UDF to Function ID](#)

### 1.7.1 Creating UDF

You can create UDFs using the **User Defined Fields Maintenance** screen for a particular Function Id.

Specify the **User ID** and **Password**, and login to Homepage.

1. On the Homepage, Type **UDDUDFMT** and click next arrow.

The **User Defined Fields Maintenance** screen is displayed.

**Figure 1-7 User Defined Fields Maintenance**

The screenshot shows the 'User Defined Fields Maintenance' interface. It includes a search bar at the top with 'New' and 'Enter Query' options. The main area is divided into several sections: 'Field', 'Length', 'Range', and 'Flags'. Each section contains various input fields and checkboxes. Fields marked with an asterisk (\*) are mandatory. At the bottom, there are tabs for 'LOV', 'Derivation', 'Validation', and 'Cube Entity', and buttons for 'Audit' and 'Exit'.

2. If you select **Usage Allowed** as **Product**, then you need not provide Function Id. You can fetch these fields in the **Product Definition** screen.
3. If you select **Usage Allowed** as **Function**, then you need to provide the Function Id in the **Function** field.
4. After saving and authorizing the record in the **User Defined Fields Maintenance** screen, go to **User Defined Fields Function Field Mapping Maintenance** screen.

## 1.7.2 Linking UDF to Function ID

Specify the **User ID** and **Password**, and login to Homepage.

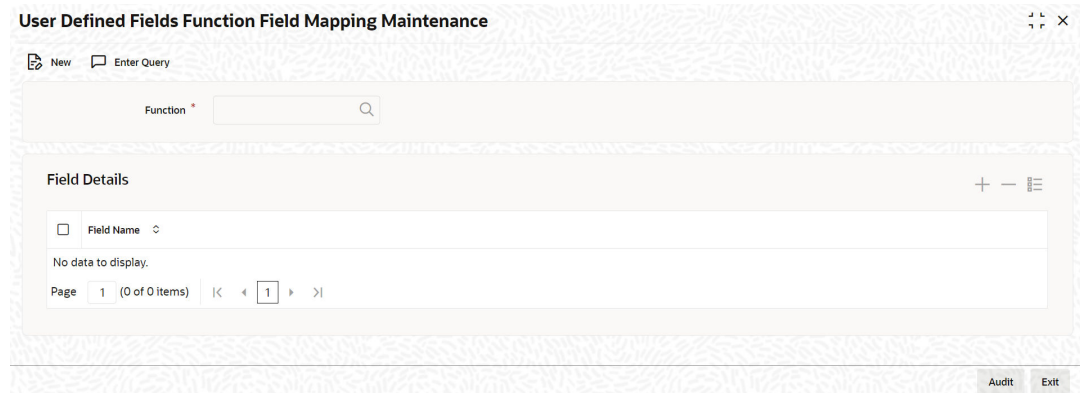
1. On the Homepage, Type **UDDFFLMT** and click next arrow.

The **User Defined Fields Function Field Mapping Maintenance** screen is displayed.

### **Note:**

The fields which are marked in asterisk red are mandatory fields.

**Figure 1-8 User Defined Fields Function Field Mapping Maintenance**



2. In this screen, you must identify the Function Id to which you need to link user-defined fields.
3. Select the Function Id from the adjoining option list. For instance, if you want to include the user defined fields in the **Chart Of Accounts- Detailed** screen, select the Function Id **GLDCHACT**. After selecting the Function Id, click **Add** icon to select the fields that have to be included in the selected Function Id screen. A list of all Function Id's for which the Usage Allowed is specified as **Function Id** are displayed. Select the appropriate fields that have to be included from the list. Oracle Lending allows you to link up to two hundred fields to a Function Id.
4. After you save and authorize the record, the user defined fields are included in the specified Function Id screen.

## 1.8 Populating the Values of UDF

This topic contains the following sub-topics:

- [Population of UDF Values at the Contract Level](#)

### 1.8.1 Population of UDF Values at the Contract Level

The defaulted or derived values of the UDF linked at the product level are populated in the Contract Input screen at the time of processing contracts under a particular product. Similarly, the values of the UDF's linked to a Function Id are populated in the Function Id screen. The UDF's linked to a particular product are available when a contract is processed under that product.

Specify the **User ID** and **Password**, and login to Homepage.

From the Homepage, navigate to **Loan and Commitment-Contract Input** screen.

1. On **Loan and Commitment-Contract Input** screen, click **UDF** tab.

The **Fields** screen is displayed.

Figure 1-9 Fields

2. In this screen, all the user defined fields associated with the product under which you are processing the contract are displayed.
3. According to your specifications at the time of defining the user defined fields, system may derive the values of the UDF from:
  - **Derivation Logic:** When you click **Fields** button, system derives and displays the values of the fields for which derivation rules are written. The value description is also displayed alongside.
  - **Static List of Values:** If the validation type of the UDF that is associated with the contract is **List of Values (LoV)**, system displays the static values, along with the value description. If you have indicated a default value for the LoV, the default value and its description is displayed. When a user selects the value from the LoV, the system displays the description on the screen.
  - **Method of derivation for cube entity fields:** If a UDF is of type Cube Entity, system populates the values in a LoV. The values are derived from the specified Oracle Lending table (if the cube entity type is **Static**) or from the query written by the user (if the cube entity type is **Dynamic**)
4. You are not allowed to change the values of the fields for which you have not allowed amendment (if the option **Amendable** is deselected at the time of defining an UDF) and derivation is allowed (Option **Derivation Allowed** is selected).
5. Enter the values for the fields, for which the values are not derived by the system.
6. You can change the value of a UDF after the system has derived the value from the derivation logic. But it might so happen that the derivation logic of another UDF might use the value of the UDF that you have changed. Consequently, if you change the value of the UDF whose value is used in another UDF, the value of that UDF also changes.

For example, let us assume that you have defined a user defined field UDF1 to display the Euro equivalent of the contract currency.

The derivation logic of another user defined field (UDF2) utilizes the values of UDF1 to arrive at the value of UDF2. Assume that in the derivation logic written for UDF2, you have specified that the value of UDF2= 2 UDF1.

At the contract level, system converts the contract currency into Euro equivalent and displays the value of UDF1, as 220.00. According to this value of UDF2 is 444.00. However, if you change the value of UDF1 to 250.00, it effects on the value of UDF2 also (it becomes 500.00).

7. If the change in the UDF value has effected any other UDF, system displays an override informing you about the UDF whose value is changed. Select **Ok** button if you want the system to re-calculate the value of the UDF based on the modified UDF value.

## 1.9 Uploading User Defined Fields

This topic contains the following sub-topics:

- [Contract Upload](#)
- [Function Upload](#)

### 1.9.1 Contract Upload

Your bank may use Oracle Lending to process certain transactions (say OL transactions) and use another application to process other transactions (say MM transactions).

At some point of time, your bank may want to use the values from the external system in Oracle Lending. For this purpose, Oracle Lending stores the values of the various fields from the external system (an application other than Oracle Lending) in a database table. If your bank wants to use the value of the fields from the external system in Oracle Lending, the values have to be brought into Oracle Lending database. This is done through a process called **Upload**.

Let us assume that your bank is processing OL transactions in Oracle Lending and MM transactions in an external system. For processing certain OL transactions, your bank wants to use the values from certain MM transactions. Therefore, you have to put the value of the contract reference number along with the field name and value of the MM transactions, which you want to use in Oracle Lending into a database upload table with the status marked as **U** (indicating that it has to be taken up for processing). This upload table contains the values posted from the external system. Subsequently, you have to bring the values of these fields into Oracle Lending. This is done by running the contract upload program.

When you run this program, Oracle Lending selects the fields for which the status is **P**. It uploads the values from the external system into Oracle Lending database.

### 1.9.2 Function Upload

The values of the fields from external system used in the maintenance screens should be uploaded into Oracle Lending database.



# Index

## G

---

GLDCHACT - Chart Of Accounts - Detailed  
screen, [1-3](#)

## U

---

UDDFFLMT - User Defined Fields Function Field  
Mapping Maintenance screen, [1-14](#)  
UDDUDFMT - User Defined Fields Maintenance  
screen, [1-1](#), [1-13](#)