Oracle Financial Services

Lookup Table User Guide

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1
Get Help

Topics:

- Get Help in the Applications
- Learn About Accessibility
- Get Support
- Get Training
- Join Our Community
- Share Your Feedback
- Before You Begin

1.1 Get Help in the Applications

Use help icons to access help in the application.

Note that not all pages have help icons. You can also access the Oracle Help Center to find guides and videos.

1.1.1 Additional Resources

- Community: Use Oracle Cloud Customer Connect to get information from experts at Oracle, the partner community, and other users.
- Training: Take courses on Oracle Cloud from Oracle University.

1.2 Learn About Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program. Videos included in this guide are provided as a media alternative for text-based topics, and are also available in this guide.

1.3 Get Support

You can get support at My Oracle Support.

For accessibility support, visit Oracle Accessibility Learning and Support.

1.4 Get Training

Increase your knowledge of Oracle Cloud by taking courses at Oracle University.

1.5 Join Our Community

Use Cloud Customer Connect to get information from industry experts at Oracle and in the partner community. You can join forums to connect with other customers, post questions, and watch events.

1.6 Share Your Feedback

We welcome your feedback about Oracle Applications user assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we would like to hear from you.

You can email your feedback to My Oracle Support.

Thanks for helping us improve our user assistance!

1.7 Before You Begin

See the following Documents:

- See What's New
- Getting Started with Profitability Management Cloud Service

2
Lookup Table

Lookup Tables are user-defined database tables that are created to hold user data to match Instrument level measures or attributes and thereby deduce a return factor.

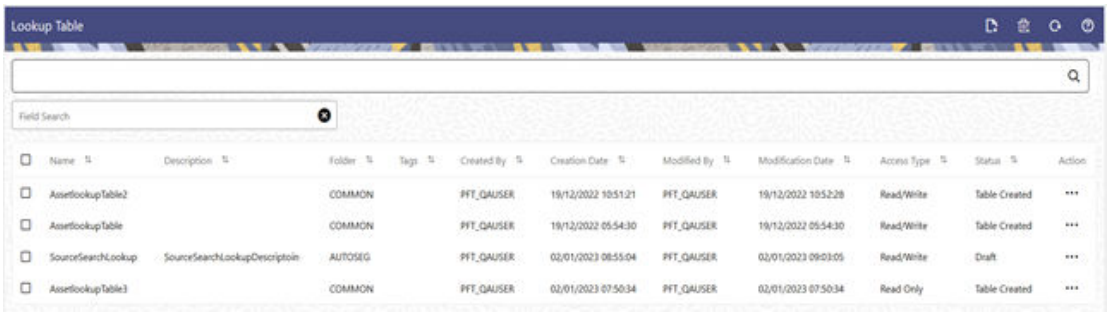
The user data is generally matched conditionally with the similar columns of a PBSMCS instrument table and a user specified value is returned that is stored under the return columns of the Lookup table.

A Lookup table by itself is a non executing component of the Profitability application. It is rendered meaning when used inside an allocation rule with the help of a Lookup Table Driver.

2.1 Summary and Detail Screens

To open the Summary page, select **Profitability Management Cloud Service**, select **Maintenance**, and then select **Lookup Table**. A summary screen is displayed showing a set of Lookup Table rules. Using search criteria, you can control the set of rules displayed. When you Add, Edit, or View a rule, it displays a detailed screen.

Figure 2-1 Lookup Table - Summary page



2.1.1 Navigation in Summary Screen

When you navigate to the Lookup Table summary screen, the rules stored within your current Default Folder are presented in a summary table.

The Lookup Table summary screen has two panes: Search and Lookup Table summary table.

The title bar of the summary page provides several actions for the user. They are:

- **Add**: Click the Add icon to build a new Lookup Table. The Add icon is disabled if any rows in the table are selected.
- **Multiple Delete**: Select one or more drivers in the table and then click the Multiple Delete icon at the top right of the summary page to delete more than one rule at the same time.
- **Refresh**: Click the Refresh icon to refresh the Summary Page.

- **Help**: Click the Help icon to view the Lookup Table help.

The Lookup Table Summary can be divided under two sections – the Search section and the Summary table.

2.1.1.1 Search

There are two Search options provided to search the Lookup Tables on the Summary Page.

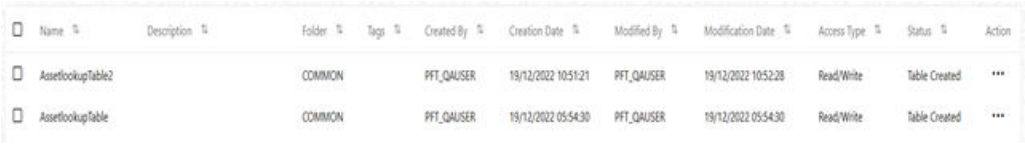
To search the Lookup Tables, follow these steps:

1. Click the **Search** icon on the Search pane to collapse (display) the Criteria Window.
2. Enter the Lookup Table **Name** or **Description** and click Search to display the Lookup Tables that match the criteria.
3. Click **Cancel** to remove the filter criteria on the Search Window and refresh the window.
4. Click **Search** after entering the search criteria. The search results are displayed in a table containing all the Lookup Tables that meet the search criteria.
5. The other method to search a Lookup Table is using the **Field Search** option. The Field Search is an inline wildcard search that allows you to enter value partially or fully and the rows that match the entered string in any of its column is fetched in the Summary table.

2.1.1.2 Lookup Table Summary Table

This section presents a table containing all of the Lookup Tables that meet your search criteria. The table displays the details of the already created Lookup Tables.

Figure 2-2 Lookup Table Summary Table



The Lookup Table Summary Table displays the following details:

- **Name**: Displays the Lookup Table's short name. Hovering over an Lookup Table name displays the Lookup Table's object code and the object ID.
- **Description**: Displays the Lookup Table's long name.
- **Folder**: Displays the folder in which the driver rule has been created.
- **Tags**: Displays the tags.
- **Created By**: Displays the name of the user who created the Lookup Table rule.
- **Creation Date**: Displays the date and time at which an Lookup Table rule was created.
- **Modified By**: Displays the name of the user who last modified the Lookup Table rule.

- **Modification Date**: Displays the date and time at which an Lookup Table rule was last modified.
- **Access Type**: Displays the “Read/Write” or “Read Only” property of an Lookup Table rule. Only the creator of a rule may change its Access Type.
- **Status**: Displays the status of the Lookup table. The values that are possible as status are – ‘Draft’, ‘In Progress’, ‘Table Created’ and ‘Failed’.
- **Action**: Displays the list of actions that can be performed on the Lookup Table rule.

The Action column in the Lookup Table Summary table offers the following actions based on the status of the lookup table:

- Draft status - allowed actions: View, Edit, Save As, Delete, Create.
- In Progress status - allowed actions: View.
- Table Created status - allowed actions: View.
- Failed status - allowed actions: View, Edit, Save As, Delete, Create.

Draft status is derived when the user clicks on the ‘Save as Draft’ button from the Detail screen and this creates only the UI template of the lookup table while the actual database table is not created. The Edit, Save As, Delete, Create actions are applicable only for Lookup UI template before the database table is created.

While in the Draft status, the user can click on Create action available in the Summary table for the selected lookup table resulting in change of the status of the lookup table to In Progress.

The **In Progress** status results into either a Table Created status or a Failed status, based on whether the physical lookup table creation in the database is successful or failed, respectively.

The **Table Created** status is derived either through a resulting status after the ‘In Progress’ status or when the user clicks on the ‘Create’ button from the Detail screen. Create option creates the actual database lookup table from the UI template.

Once the database table is created, the actions of Edit, Save As, Delete are not allowed and the user can only View the created lookup table.

The following actions are available for the Lookup Table rule.

- **View**: Click the View icon to view the contents of a Lookup Table rule on a read-only basis as the user is launched into the Lookup Table Detail screen in view mode.
- **Edit**: Click the Edit icon to modify a previously saved Lookup Table as the user is launched into the Lookup Table Detail screen in edit mode.
- **Save As**: Click on this option to create a copy of an existing Lookup Table rule. The Save As pop-up window allows you to enter the Name, Description, Folder, and Access Type Details for the copy Lookup Table rule.
- **Delete**: Click Delete to delete the Lookup Table rules you have selected.
- **Create**: Click Create to create the physical Lookup Table from the Draft status of the Lookup Table rule you have selected.

You may select or de-select all of the Lookup Table rules in the summary table by clicking on the check box in the upper left-hand corner of the summary table directly to the left of the Name column header.

2.1.2 Navigation in the Detail Screen

When you Add, Edit or View a Lookup Table rule, the Lookup Table Detail screen is displayed.

In addition to Name, Description, Folder and Access Type, the definition of a Lookup Table includes the specification of a source table and defining the lookup table columns.

2.1.2.1 Lookup Table Details Pane

Specify the Lookup Table rule's Name and Description, select a Folder in which the Lookup Table rule is to be stored, and specify whether you want the Lookup Table rule to be “Read/Write” or “Read Only” (Access Type). Naming your Lookup Table rule is required before you save it. The default values for Folder and Access Type are stored in User Preferences.

Figure 2-3 Lookup Table Details Pane

2.1.2.2 Lookup Table Source Selection Pane

Select a Source table to create your Lookup Table. The source table list is limited to the instrument tables available under PBSMCS.

The Source column dropdown lists all tables available in the selected source table, but limited to the column domain types of BALANCE, RATE, NUMBER, NUMERIC, PCT, DATE, CHAR, FLAG, LEAF and CODE.

Click on the ‘Add to Grid’ button to include the selected column into the Grid.

Figure 2-4 Lookup Table Source Selection Pane

2.1.2.3 Lookup Table Grid

The Lookup Table Grid is essentially a table that displays the column type, the physical column name and the logical column name of the columns of the Lookup table.

The grid is displayed as blank in New mode while it displays the lookup table columns in View and Edit mode. The logical names of the columns are editable for user input.

The pane displays the physical database table name at the top of the grid.

The grid is populated by **Add to Grid** button available in the earlier pane.

Users can add return columns with the **Add Return Coulmn** button while any added column in the grid can be removed with the **Delete** button.

Figure 2-5 Lookup Table Grid in New mode

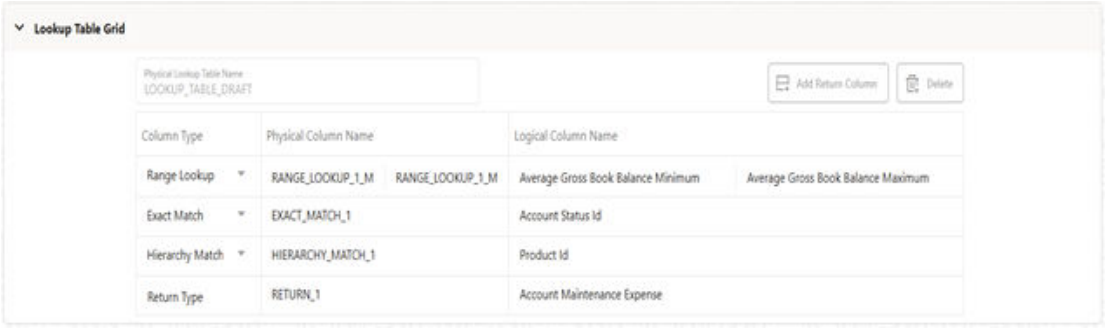
Once a instrument column has been added in the grid, the same column becomes un-selectable the next time the user wants to select and add to the grid.

The Lookup Table rule supports three column types:

- Range Lookup: for all instrument non-dimension columns.
- Exact Match: for all instrument columns – both dimension and non-dimension.
- Hierarchy Match: for all instrument dimension columns.

The default column type value for a non-dimension column is Exact Match, while the default column type value for a dimension column is Hierarchy Match.

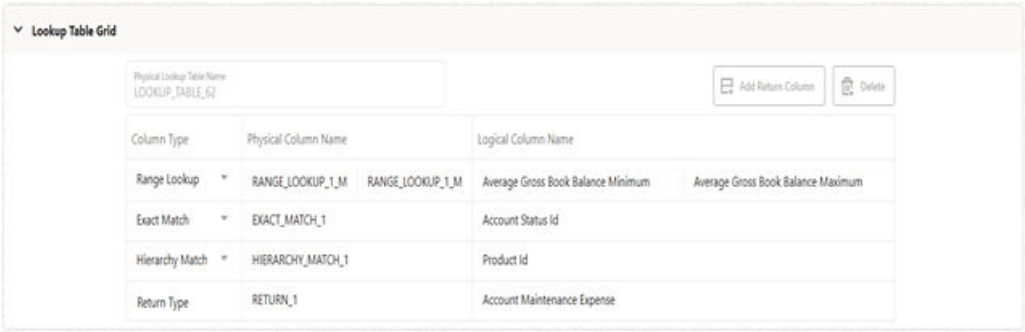
Figure 2-6 Lookup Table Grid in View mode for a table in Draft status



In Draft state, the physical table name remains displayed as ‘LOOKUP_TABLE_DRAFT’ while in the table Created state, the database table name is displayed under the Physical Lookup Table Name field.

The physical column names are disabled for user input and takes up the names as per the design while the logical column names can be modified by the user as per requirement.

Figure 2-7 Lookup Table Grid in View mode for a table in Table Created status



2.1.2.4 Audit Info Pane

The Audit Trail pane is a standard footer pane for every OFSAA rule type.

The Audit Trail pane displays the following sections – Audit, Comments and Tags.

- **Audit Tab**: It shows the audit data for the object. The Audit tab contains details as:
  - Created By
  - Created Date
  - Modified By
  - Modified Date
  - Authorized By
  - Authorized Date
- **Comments Tab**: The Comments panel shows the existing comments for the object. Only the latest comment is editable and deletion of existing comments is not allowed. Users can also add new comments for the current object.
- **Tags Tab**: The Tags panel shows the tag associated with the object. The user can add new tags or remove the existing tags.

2.1.2.5 Lookup Table Column Types

A Range Lookup column type is to be used for columns that is meant to store a range of value from a minimum value to a maximum value. The minimum and the maximum values are stored in two separate Lookup columns in a Lookup column pair. The logical condition that relates to this column pair of values is: Range Lookup Minimum value =< matching instrument data <= Range Lookup Maximum value.

Range Lookups require that your lookup data do not have overlapping ranges as that would lead to ambiguous lookup values. An Exact Match is a literal database join and is used for columns meant to store a single value that is to be related as: matching instrument data = Exact Match column value. Exact Match supports all instrument-level measures, attributes, and dimension members (numbers, dates, or strings).

A Hierarchy Match is to be used for columns that would store dimension leaf member values. A Hierarchy Match of a Lookup table Driver lets you to match on dimension member values from a source instrument table with any leaf member that belongs to a

hierarchical rollup point of that leaf. Hierarchy matching supports only Key Processing dimensions.

> **Note:**
>
> The domains of DATE, CHAR, FLAG are to be included subsequently in the Source Column Selection drop-down to facilitate creation of Lookup Tables using columns belonging to these three domain types. This is a known issue and would be addressed in the future release.

A Lookup Table may contain one or multiple **Return Columns**. The Return columns are meant to hold the vaues that are expected to be returned in response to a match arrived with the source instrument table. The return values expected in the return columns are, in most cases, numeric values.

A Lookup table may contain any number of rows, each row having the values of the different column types used, including the return column types. A Lookup table does not hold a duplicate row.

The process to input user data into a Lookup table is to use the Lookup Table Data screen in the Lookup Table Driver module. For more information, see the Lookup Table Driver documentation. The following is a screenshot of the Lookup Table Data screen.

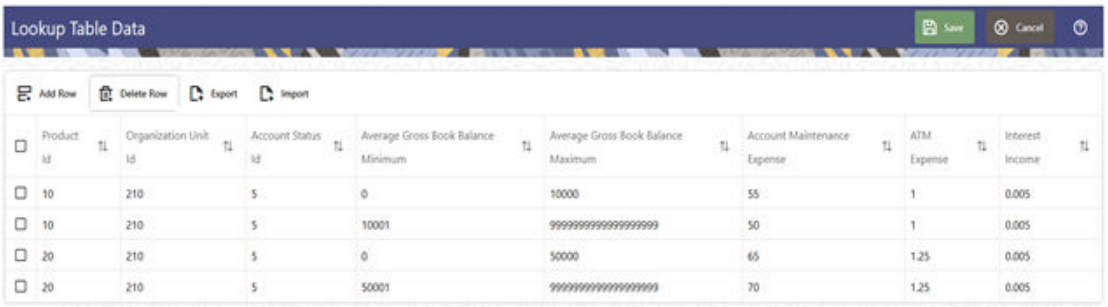



Figure 2-8 Lookup Table Data Screen