

Oracle® Banking Treasury Management Tax User Guide



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Preface

This manual is designed to help you to quickly get acquainted with the Tax module of Oracle Banking Treasury Management.

This preface has the following topics:

- [Audience](#)
- [Acronyms and Abbreviations](#)
- [List of Topics](#)
- [Symbols and Icons](#)
- [Related Resources](#)
- [Conventions](#)

Audience

This guide is intended for Back Office Data Entry Clerk, Back Office Managers/ Officers, Product Managers, End of Day Operators, and Financial Controller users.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1 Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
AIF	Alternative Investment Fund
CLS	Continuous Linked Settlement
CIF	Customer Information Files
DIRT	Deposit Interest Retention Tax
DV	Derivatives
Dr	Debit
EOFI	End of Financial Input
EOD	End of Day
FATCA	Foreign Account Tax Compliance Act
FX	Foreign Exchange
GL	General Ledger
IRS	Internal Revenue Service

Table 1 (Cont.) Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
ICCB	Interest Commission Charge and Fee
LCY	Local Currency
LIBOR	London Interbank Offered Rate
MM	Money Market
OBTR	Oracle Banking Treasury Management
OT	Over the Counter Options
SWIFT	Society for Worldwide Interbank Financial Telecommunications

List of Topics

This guide is organized as follows:

Topics	Description
Build Tax Components	Explains how to maintain and process taxes on the contracts you process in Oracle Banking Treasury Management.

Symbols and Icons

Table 2 Symbols

Icons	Function
	Exit
	Add row
	Delete row
	Option List

Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- *The Procedures User Manual*
- *The Products User Manual*

Conventions

The following text conventions are used in this document:

Table 3 Conventions and Meaning

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Build Tax Components

This topic contains the following sub-topics:

- [Steps Involved in Processing Tax](#)
This topic describes the processing of tax.
- [Maintain Tax Category](#)
This topic describes the systematic instruction to maintain tax category.
- [Tax Rule Master Maintenance](#)
This topic describes the maintenance of tax rule master and summary of tax rule master details.
- [Tax Rules](#)
This topic describes the processing of tax rules, tax calculation, exchange rate type, rounding details, tax application method, and tax slab.
- [FATCA Withholding Rules](#)
This topic describes the FATCA withholding rules processing, defining system data elements, defining expression builder, and summary of FATCA withholding rules.
- [Process FATCA Tax for Referred Transactions](#)
This topic describes the systematic instruction to process FATCA tax for referred transactions.
- [Tax Components as Classes](#)
This topic describes how to define transaction level tax as classes, define events and basis amount, maintain rate codes, furnish, and associate rate code values with an issuer class.
- [Tax Component Groups](#)
This topic describes the tax component groups into a scheme, define a money taxation scheme, and features of tax scheme.
- [Tax Scheme to a Product Linkage](#)
This topic describes the how to link a tax scheme to a product, feature of the tax linkage definition, specify the currency details, surcharge, process tax on a contract, and process tax on MM contracts.

1.1 Steps Involved in Processing Tax

This topic describes the processing of tax.

The following steps are involved in processing tax:

- Defining Tax Rules
- Defining Tax Classes
- Defining Tax Schemes
- Associating a Product with a tax scheme

1.2 Maintain Tax Category

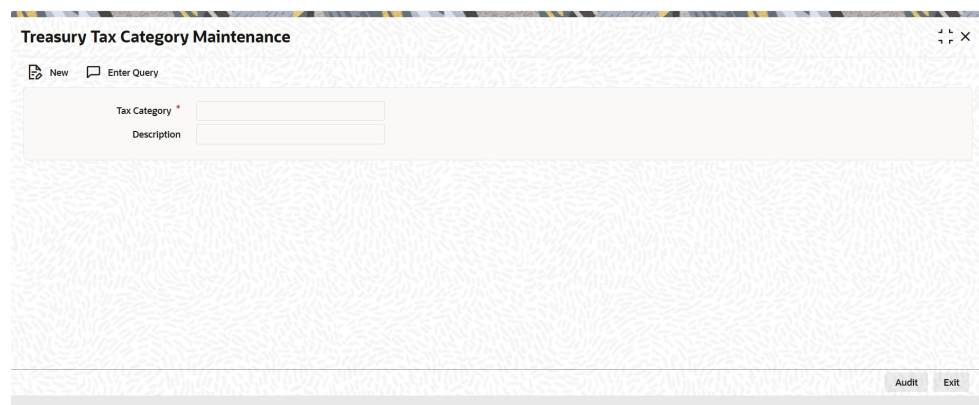
This topic describes the systematic instruction to maintain tax category.

You need to maintain valid Tax Categories in the system in order to apply tax on products or contracts.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRCAT** in the text box, and click next.
Treasury Tax Category Maintenance screen displays.

Figure 1-1 Treasury Tax Category Maintenance



2. On **Treasury Tax Category Maintenance** screen, specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-1 Treasury Tax Category Maintenance- Field Description

Field	Description
Tax Category	Tax category needs to be maintained only if tax rules of your country require maintenance of tax allowances and tax waivers for customers.
Description	Enter a tax category along with a description. This becomes a valid tax category maintained in the system.

3. Click the **Exit** button to close the screen.

1.3 Tax Rule Master Maintenance

This topic describes the maintenance of tax rule master and summary of tax rule master details.

This topic contains the following sub-topics:

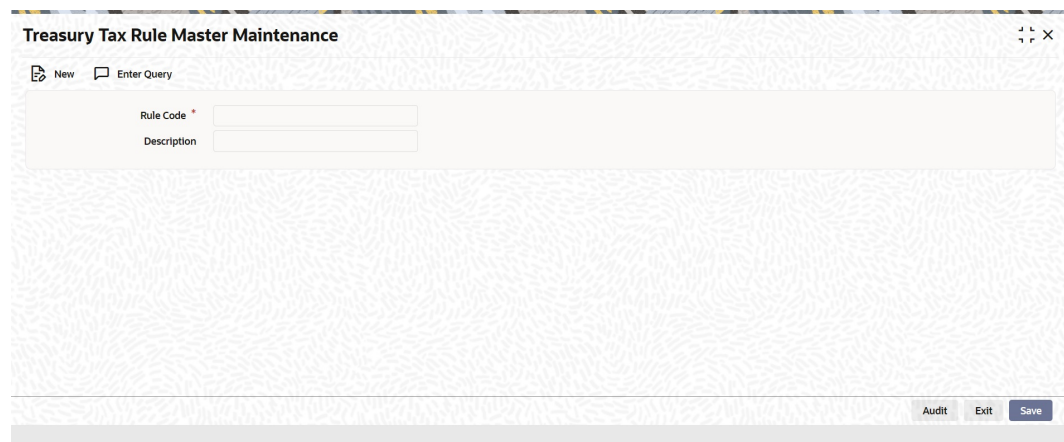
- [Maintaining Tax Rule Master Details](#)
- [Viewing Tax Rule Master Details](#)

1.3.1 Maintaining Tax Rule Master Details

1. On the **Home page**, enter **TADTRMA** in the text field and click the arrow next to the text field.

The **Treasury Tax Rule Master Maintenance** screen is displayed

Figure 1-2 Treasury Tax Rule Master Maintenance



2. In the **Treasury Tax Rule Master Maintenance** screen, specify the fields.
For more information on the fields, refer to the below table

Table 1-2 Treasury Tax Rule Master Maintenance- Field Description

Field	Description
Rule code	Specify the tax rule code. This is the code by which the tax rule is identified. If you are defining a new tax rule, enter its code in this field.
Description	Give a brief description on the rule code specified.

3. Click **Exit**.

1.3.2 Viewing Tax Rule Master Details

1. On the Home page, enter **TASTRRMA** in the text field and click the arrow next to the text field

The system displays the **Treasury Tax Rule Master Summary**

Figure 1-3 Treasury Tax Rule Master Summary

The screenshot shows the 'Treasury Tax Rule Master Summary' application window. At the top, there are buttons for 'Search', 'Advanced Search', 'Reset', and 'Clear All'. A 'Records per page' dropdown is set to 15. Below this is a 'Search (Case Sensitive)' section with three dropdown menus: 'Authorization Status', 'Record Status', and 'Rule Code', each followed by a search icon. The 'Search Results' section shows a table with columns: 'Authorization Status', 'Record Status', 'Rule Code', and 'Description'. The table is currently empty, displaying 'No data to display.' Below the table is a pagination bar showing 'Page 1 Of 1' and navigation icons. A 'Lock Columns' dropdown is set to 0. An 'Exit' button is located in the bottom right corner.

You can query on records based on any one or all of the following criteria:

- Authorization Status
 - Record Status
 - Rule Code
2. Click **Search**. The system identifies all records satisfying the specified criteria and displays the following details for each one of them:
- Authorization Status
 - Record Status
 - Rule Code
 - Description

1.4 Tax Rules

This topic describes the processing of tax rules, tax calculation, exchange rate type, rounding details, tax application method, and tax slab.

This topic contains the following sub-topics:

- [Process the Tax Rule Maintenance Screen](#)
- [Currency in which the Tax has to be Calculated](#)
- [Exchange Rate Type](#)
- [Rounding Details](#)
- [Tax Application Method](#)
- [Tax](#)
- [Tax Slab](#)

1.4.1 Process the Tax Rule Maintenance Screen

A tax rule identifies the method in which a tax component (a Stock Exchange tax, a Local tax, etc.) is calculated. You can build tax rules in the **Tax Rule Maintenance** screen.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRRDE** in the text box, and click next.
Treasury Tax Rule Detailed Maintenance screen displays.

Figure 1-4 Treasury Tax Rule Detailed Maintenance

2. On **Tax Rule Detailed Maintenance** screen, specify the fields.

Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Rule Code:

This is the code by which the tax rule is identified. If you are defining a new tax rule, enter its code in this field. You can specify the attributes for this tax rule in the rest of the fields. If you select an existing tax rule from the Tax Rule Summary View table, the code is displayed in this field.

Table 1-3 Operation and Description

Operation	Description
Modify	All the details of the selected tax rule are displayed. Except for the Tax Rule Code, you can modify the input in any of the fields.

Table 1-3 (Cont.) Operation and Description

Operation	Description
Delete	All the details of the selected tax rule are displayed. You can delete the record only if its addition has not been authorized.
Copy	Except for the Tax Rule Code, the other details related to the tax rule are displayed which can be changed. Enter the Code for the new rule before you save the tax rule.
Close	All the details of the selected tax rule are displayed. If you confirm the closure, the tax rule record will be closed. A closed record will continue to exist in the system but cannot be used. To use a closed record, you should reopen it.
Reopen	All the details of the selected tax rule are displayed. If you confirm the reopening of the record, it will become available for use again.
Print	The details of the selected tax rule are displayed on the screen and then directed to the printer.
Authorize	The details of the tax rule will be displayed. You can authorize the record if the following conditions are true: • The record has some activity unauthorized. • You have rights for authorization. • You did not initiate the activity that is pending authorization.

Table 1-4 Tax Rule Maintenance - Field Description

Field	Description
Description	The System displays the description.
Customer Category	Customer categories are maintained by your bank in the customer maintenance module. These could be categories like banking, corporate, brokers, financial institutions etc. You can choose the customer category for which the tax rule is being defined. You could also choose to define the tax rule for all categories of customers.
Country Code	You can apply specific tax rules based on the country of residence of the customer. Thus individual tax rules for each combination of customer category, country code with an effective date can be maintained. Select the country code for the customer from the option list. Based on the country of residence of the customer, specific tax rules can be applied.
Tax Category	Various Tax categories (open and authorized) are maintained in the system. Specify the tax category from the option list provided for the given Tax Rule. If the tax category is not maintained, then the tax booked under this Tax Rule will not be considered for tax waiver/tax allowance processing. However, normal tax processing, as it happens today in Oracle FLEXCUBE, will continue to happen.
Effective Date	Every tax rule is associated with an Effective Date. On the specified Effective Date, the rule becomes applicable. When more than one rule is linked to a Tax Scheme, a rule will be applied till the next rule for the same component, with a different Effective Date, is encountered.

Table 1-4 (Cont.) Tax Rule Maintenance - Field Description

Field	Description
FATCA Tax Rule	Check this box to indicate that the tax rule maintained is a FATCA tax rule. This field is enabled only if the FATCA Applicable field at bank level is enabled. If the tax rule is marked as a FATCA tax rule, then the system will create a FATCA withholding rule using FATCA withholding rule maintenance which will be linked to the tax rule. At the time of tax computation, the system will first evaluate the withholding rule. Based on the outcome of the withholding rule, the system will compute the tax.
FATCA Rule	Specify the FATCA validation rule that needs to be applied to evaluate the FATCA tax.

- Click the **Exit** button to close the screen.

1.4.2 Currency in which the Tax has to be Calculated

This can be the local currency or the currency of the contract. When a rule for which the tax should be calculated in local currency is applied on a contract involving a foreign currency, the local currency equivalent of the contract amount is considered.

- On **Tax Rule Maintenance** screen, click the **Currency Details** button and specify the fields.

For more information on fields, refer to the field description table.

Table 1-5 Currency Details - Field Description

Field	Description
Currency	Specify the currency from the adjoining option list provided.
Reference Currency	Specify the currency from the adjoining option list provided.
Calculation Currency Basis	Calculation currency is the currency in which the Basis Amounts slabs are defined. You need to specify whether the calculation currency for the Basis Amount should be Specific or Deal. Specific indicates that the Basis Amount will be defined as per the currency selected in the Currency field. Deal indicates that the Basis Amount will be defined in the currency of the transaction.
Currency for Calculation Currency	You need to specify the currency to be used for conversion of the taxable amount. This option is enabled only if the Calculation Currency Basis is selected as Specific.
Tax Currency Basis	You need to specify the currency in which the final tax should be computed by the tax subsystem. This could either be Specific, Deal or Local currency. Specific indicates that the final tax would be reported in the currency defined in the Tax Currency field of Tax Rule Maintenance. Deal indicates that the final tax reported by the tax subsystem would be in the currency of the transaction. Local Currency indicates that the final tax would be computed in the local currency of the Branch.

Table 1-5 (Cont.) Currency Details - Field Description

Field	Description
Currency for Tax Currency	This is enabled only if the basis for the Tax Currency is selected as Specific.

- Click the **Exit** button to close the screen.

1.4.3 Exchange Rate Type

- On **Tax Rule Maintenance** screen, click the **Currency Details** button and specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-6 Exchange Rate Type - Field Description

Field	Description
Rate Type	When maintaining a tax rule, you must specify the type of exchange rate that you would like to use to compute tax. At your bank, you may have defined different types of exchange rates. For example, you may have defined a 'Central Bank Rate', a 'Standard Rate', a 'Cash Rate', a Travelers Check Rate, etc. In Oracle Banking Treasury Management, these rates are referred to as 'Rate Types'.
Rate Code	If you have specified that tax is to be computed as a percentage of the taxable amount, you should also specify if the rate to be used is: • Buy Rate • Sell Rate • Mid Rate The rate value, corresponding to the Rate Type, will be applied to the Basis Amount as per the application basis defined (slab or tier).
Basis Percentage	You need to specify the factor for computation of the taxable amount. The basis percentage should be greater than 0 and less than or equal to 100. The basis amount would first be multiplied by this percentage to arrive at the actual basis amount on which tax needs to be computed. The reciprocal of the same factor would then be applied to the calculated tax amount to arrive at the actual tax amount.

- Click the **Exit** button to close the screen.

1.4.4 Rounding Details

- On **Tax Rule Maintenance** screen, click the **Rounding Details** button and specify the fields.

For more information on fields, refer to the field description table.

Table 1-7 Rounding Details - Field Description

Field	Description
Rounding Option for Calculation Currency	You need to specify the rounding option to be used for conversion of the amount to calculation currency. It could either be Currency Default or Specific. Currency Default indicates that the rounding details should be taken from the rounding parameters defined in Currency Maintenance. Specific indicates that the rounding parameter should be defined/picked up from the Tax Rule.
Rounding Method for Calculation Currency	You need to specify the rounding method to be used for conversion of the amount to calculation currency. This field would be enabled only if the calculation currency rounding option is Specific. Select one of the following options: • Truncate • Round Up • Round Down • Round Near Truncate indicates that the amount should be truncated to the number of decimals specified for the currency. Round Up indicates that the amount should be rounded up based on the number of decimals and the nearest rounding unit for the currency. Round Down indicates that the amount should be rounded down based on the number of decimals and the nearest rounding unit. Round Near indicates that the amount will rounded either up or down to the specified number of decimal places and units, depending on whether the next decimal place exceeds or is less than 5.
Decimals for Rounding for Calculation Currency	This field is enabled only if the calculation currency rounding option is selected as Specific. You need to specify the decimal up to which the rounding/truncation needs to be done. The rounding decimal defined here should be less than or equal to the decimal defined in Currency Maintenance.
Units for Rounding for Calculation Currency	This field is enabled only if the calculation currency rounding option is selected as 'Specific'. You need to specify the unit up to which the amount needs to be rounded. The unit defined here should be a multiple of the unit defined in Currency Maintenance.
Rounding Option for Tax Currency	You need to specify the rounding option for conversion of the amount to tax currency. It could either be Currency Default or Specific. Currency Default indicates that the rounding details would be taken from the rounding parameters defined in Currency Maintenance. Specific indicates that the rounding parameter would be defined/picked up from the Tax Rule.

Table 1-7 (Cont.) Rounding Details - Field Description

Field	Description
Rounding Method for Tax Currency	This field is enabled only if the Calculation Currency Rounding Option is selected as Specific. You need to specify the rounding method to be used for the defining the tax amount. The available methods are: • Truncate • Round Up • Round Down • Round Near Truncate indicates that the amount should be truncated to the number of decimals specified for the currency. Round Up indicates that the amount should be rounded up based on the number of decimals and the nearest rounding unit for the currency. Round Down indicates that the amount is rounded down based on the number of decimals and the nearest rounding unit. Round Near indicates that the amount will rounded either up or down to the specified number of decimal places and units, depending on whether the next decimal place exceeds or is less than 5.
Decimals for Rounding Tax Currency	This field is enabled only if the Calculation Currency Rounding Option is selected as Specific. You need to specify the decimal up to which the rounding/truncation needs to be done. The rounding decimals defined here should be less than or equal to the decimals defined in Currency Maintenance.
Units for Rounding Tax Currency	This field is enabled only if the Calculation Currency Rounding Option is selected as Specific. You need to specify the unit up to which the amount should be rounded. The unit defined here should be a multiple of the unit defined in Currency Maintenance.

- Click the **Exit** button to close the screen.

1.4.5 Tax Application Method

- On **Tax Rule Maintenance** screen, click the **Additional** button and specify the fields.

A tax can be a percentage of the component that is to be taxed (such as the principal, brokerage, etc.), or a flat amount. If you opt to calculate tax as a flat amount, choose the Flat option. If, instead, you opt to calculate tax as a percentage of the transaction amount, choose the Rate option. If tax is to be calculated as a flat amount, specify the flat amount.

For more information on fields, refer to the field description table.

Table 1-8 Additional - Field Description

Field	Description
Amount Limits for a Tax Rate	If you have specified a percentage of tax for the rule, you should also specify the maximum and minimum amounts, in the local currency, within which the amount calculated using the tax rate should fall. If you have specified a flat amount for the tax rule, then you need not specify the minimum and maximum amount limits.

 Note:

The minimum and maximum limits apply for specific rules linked to a Tax Scheme, and not for the entire scheme.

- Click the **Exit** button to close the screen.

1.4.6 Tax

- On **Tax Rule Maintenance** screen, click the **Additional** button and specify the fields.
For more information on fields, refer to the field description table.

Table 1-9 Tax - Field Description

Field	Description
Flat	If you opt to calculate tax as a flat amount, choose the Flat option.
Rate	You can specify the percentage in the Rate field. This Rate is applied on the amount to be taxed to calculate the tax amount.
Exemption Allowed	Deposit Interest Retention Tax (DIRT) is payable on interest on deposits and accounts. Customers belonging to certain customer categories can be exempt from paying DIRT. As part of the DIRT exemption maintenance, you need to indicate such deposits and accounts which will not attract DIRT. While doing so, you will have to mark off specific tax components which you do not wish to be applicable to the account / deposit. In order that a particular tax component is available for marking off as non-applicable during DIRT exemption maintenance, you will have to select the 'exemption allowed' option for that component while maintaining its tax rule.

Table 1-9 (Cont.) Tax - Field Description

Field	Description
Cumulative	There are two ways of applying tax: • Cumulative • Non-cumulative In a cumulative structure, the rate of tax will be calculated in a cumulative manner, where the tax of the previous slab is added to the tax of the next. In a non-cumulative structure, the tax of the previous slab will not be added to the tax of the next slab. Only the rate applicable to that particular slab will be applied. If you check this field the cumulative method of applying tax will be used. If you leave this field blank, the non-cumulative type of tax will be used while calculating the tax. By default, non-cumulative processing is done for tax.

2. Click the **Exit** button to close the screen.

1.4.7 Tax Slab

1. On **Tax Rule Maintenance** screen, click the **Slab** button and specify the fields.

You can define the tax that you would like to apply to a contract, in terms of a tier or a slab structure.

Through this screen, first specify if the Basis Amount (on which tax is calculated) should be taken as a slab or a tier. Indicate Cumulative (by checking the box), if the Basis Amount structure is a Tier. Leave it blank if the Basis Amount structure is a Slab.

Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-10 Tax Slab - Field Description

Field	Description
Basis Amount To	Specify the upper limit of the slab or tier to which a particular rate or amount should be applied as tax.
Flat Amount and Rate	If the tax is in the form of a flat amount, you should specify the actual amount. This amount will be applied on the corresponding Basis Amount To, depending on whether you have specified the application basis as a slab or a tier. If the tax rule computes tax on the basis of a rate, you have to specify the actual (rate) value. The rule uses the rate, entered against each slab or tier, to calculate tax for contracts on which the rule is applied.

Table 1-10 (Cont.) Tax Slab - Field Description

Field	Description
Floor Amount	The floor amount should be specified only if the Amount Basis (Cumulative) is a tier. This will be the upper limit of the previous tier. By default, the amount specified as the Basis Amount To for the previous tier limit will be displayed. This need not be specified for the first limit in the tier. This amount is used to calculate the tax, along with the Floor Charge.
Floor Charge	The Floor Charge is applicable only if the Amount Basis is a tier. This is the tax amount to be considered for the previous tier limit. This amount is used along with the Floor Amount that you specify to arrive at the tax. The floor charge need not be specified for the first limit in the tier. This amount may not always be the same as the amount calculated, using the Basis Amount To and the Rate for the previous slab. However, if not specified, the Floor charge is calculated based on the rate for the previous tier and the Floor amount for the current tier.

An example for the calculation of tax based on a tier structure.

Tax is applied on the deal amount of a deal based on the following structure:

- $> 0 \leq 10,000 - 0.05\%$
- $> 10,000 \leq 20,000 - 0.06\%$
- $> 20,000 - 0.08\%$

Basis Amount	Rate (%)	Floor Amount	Floor Charge
10,000 (upper limit of the first tier)	0.05	0	0
20,000	0.06	10,000 (upper limit of the first tier)	X (tax amount that will be considered for the first tier)
999999999 (a big amount since there is no upper limit for the third slab)	0.08	20,000 (upper limit of the second tier).	Y (tax amount that will be considered for the earlier slabs).

When this tax rule is applied on a deal, tax will be calculated, depending on the component amount (example, brokerage paid), as follows:

If the component amount is USD 5,000, it falls in the first tier. The tax amount will be calculated in the following manner:

Amount = USD 5,000

Tax 0.05% of USD 5,000 = USD 2.5

If the component amount is USD 15,000, it falls in the second tier. The tax will be calculated in the following manner:

Amount = USD 15,000

Floor Charge (X)= 5.0

Amount to be taxed at 0.06% = USD 5,000 (Component Amount - the floor amount of the second tier)

Tax = USD 3+ 5 = USD 8

If the Component Amount is USD 30,000, it falls in the third slab. The tax amount will be calculated in the following manner:

Component Amount = USD 30,000

Floor Charge (Y)= 11.0

Amount to be taxed at 0.08% = USD 10,000 (Component Amount - the floor amount for the second tier)

Tax Amount = USD 8+ 11 = USD 19

2. Click the **Exit** button to close the screen.

1.5 FATCA Withholding Rules

This topic describes the FATCA withholding rules processing, defining system data elements, defining expression builder, and summary of FATCA withholding rules.

This topic contains the following sub-topics:

- [Process FATCA Withholding Rule Maintenance Screen](#)
- [Specify System Data Elements](#)
- [Specify Expression Builder](#)
- [View FATCA Withholding Rules](#)

1.5.1 Process FATCA Withholding Rule Maintenance Screen

If a with-holdable payment is to be made to a recalcitrant customer or to a non participating foreign financial institution, it is necessary to withhold 30% of the with-holdable payment and transmit the rest to the beneficiary. You can define the unique rule using **FATCA Withholding Rule Maintenance** screen.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRFRM** in the text box, and click next.
Treasury FATCA Rule Maintenance screen displays.

Figure 1-5 Treasury FATCA Rule Maintenance

2. On **Treasury FATCA Rule Maintenance** screen, specify the fields.

 Note:

The fields which are marked in asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-11 FATCA Rule Maintenance - Field Description

Field	Description
Withholding Rule Code	Specify the withholding rule code.
Withholding Rule Description	Specify the description for the selected withholding rule code.
Default	Select the default value to be returned if no expression is satisfied from the drop-down list. Following are the options available in the drop-down list: • Refer • Withhold • No Withhold

3. Click the **Exit** button to close the screen.

1.5.2 Specify System Data Elements

1. On **FATCA Rule Maintenance** screen, click **System Data Elements** button and specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-12 System Data Elements - Field Description

Field	Description
System Data Elements	Specify the system data elements. You can also select the valid SDE from the adjoining option list.

- Click the **Exit** button to close the screen.

1.5.3 Specify Expression Builder

- On **FATCA Rule Maintenance** screen, click **Expression Builder** button and specify the fields.

For more information on fields, refer to the field description table.

Table 1-13 Expression Builder - Field Description

Field	Description
Expression Number	Specify the expression number. An expression is built up using the SDEs, operations (>, <, =, <>) and logical operators (AND, OR). The expressions will be evaluated in increasing order of expression number. Thus the system will evaluate the expression number 1 first, if it is not satisfied, then expression number 2 will be evaluated. If expression number 1 is satisfied, then the system will not evaluate expression 2. If none of the expressions are satisfied, then the rule will return the result maintained at the ELSE part. This will be the default return value for the rule.
Condition	Specify the condition for the rule. For instance, If module is MM and the amount tag is MMCRINT_LIQD and transaction code is INT and currency code is USD then FATCA withholding is required, then the condition should be as follows: IF MODULE_CODE = 'MM' AND AMOUNT_TAG = 'MMCRINT_LIQD' AND CCY_CODE = 'USD' and TXN_CODE = 'INT' and DRCCR_IND = 'D'
Return Value	Select the return value from the drop-down list. Following are the options available in the dropdown list: • Withhold • No Withhold • Refer
System Data Elements	Select the SDEs from the drop-down list. you can select one or more SDEs to be used in the rule. Each system data element must appear only once in the list.
Operators	Select the type of operator from the drop-down list.

The rule would use the following elements:

- **Customer Type:** The customer type for beneficiary customer. This will return values I (Individual), C (Corporate) or B (Bank). The system data element will

be FATCA_CUST_TYPE which will be returned from the customer type in the entity FATCA classification record.

- **Recalcitrant Status:** The recalcitrant status of the beneficiary customer. The value will be returned from the Customer FATCA classification record. The system data element will be FATCA_RECALCITRANT.
- **US Sourced Status:** This will be the US Sourced status of the obligation. This value will be returned from the FATCA Obligation record for the obligation number (contract reference number or portfolio ID). The system data element will be FATCA_US_SOURCED.
- **Grandfathered Status:** This will be the grandfathered status of the obligation. This value will be returned from the FATCA Obligation record for the obligation number (Contract Reference Number or Portfolio ID). The system data element will be FATCA_GRANDFATHERED.
- **Module Code:** The module from where the tax is being evaluated. This value will be returned by a system data element called FATCA_MODULE_CODE.
- **Amount Tag:** The basis amount's amount tag. Basically the amount tag which appears as the basis amount when the tax rule is linked in the product. This value will be returned by a system data element called FATCA_AMOUNT_TAG.
- **Transaction Code:** The transaction code of the basis amount tag transaction. This value will be returned by a system data element called FATCA_TXN_CODE.
- **Currency:** The currency in which the transaction is being posted. This value will be returned by a system data element called FATCA_CCY_CODE.
- **External Customer Indicator:** This indicates if the beneficiary customer account is held by a financial institution that has asked to be withheld against. This value will be returned by a system data element called FATCA_EXT_CUST.

2. Click the **Exit** button to close the screen.

1.5.4 View FATCA Withholding Rules

You can view the FATCA withholding rules in the **FATCA Rule Summary** screen.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TASTRFRM** in the text box, and click next.
Treasury FATCA Rule Summary screen displays.

Figure 1-6 Treasury FATCA Rule Summary

- On **Treasury FATCA Rule Summary** screen, specify the fields.

In the above screen, you can base your queries on any or all of the following parameters and fetch records: For more information on fields, refer to the field description table.

Table 1-14 Treasury FATCA Rule Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list. Following are the options available in the dropdown list: • Authorized • Unauthorized • Rejected
Record Status	Select the record status from the drop-down list. Following are the options available in the dropdown list: • Open • Closed
Withholding Rule Code	Select the withholding rule code from the option list.
Withholding Rule Description	Select the withholding rule description from the option list.

- Select any or all of the above parameters for a query and click 'Search' button. The records meeting the selected criteria are displayed.

The system displays the following details pertaining to the fetched records:

- **Authorization Status**
 - **Record Status**
 - **Withholding Rule Code**
 - **Withholding Rule Description**
- Click the **Exit** button to close the screen.

1.6 Process FATCA Tax for Referred Transactions

This topic describes the systematic instruction to process FATCA tax for referred transactions.

The system will evaluate the tax rule applicable at the product level. The rule evaluation process is as follows:

The FATCA evaluation will be triggered by the transaction to which the tax rule ID is linked. While evaluating the tax rule, its FATCA flag will be checked. If the tax rule has a FATCA flag, then the associated FATCA rule will be evaluated before the tax is computed by the tax rule.

The system will evaluate expression number 1 first, if it is not satisfied, then expression number 2 will be evaluated. If expression number 1 is satisfied, then the system will not evaluate expression 2. If none of the expressions are satisfied, then the rule will return the result maintained at the ELSE part.

The result of the evaluation of the FATCA Rule will be as follows:

- If the **Withhold** option is returned, then the tax will be withheld. Thus the tax rule will proceed to calculate the tax and liquidate the tax during the linked event using the FATCA Tax Payable GL maintained in the role to head mapping of the product, for credit. The tax entries cannot be netted as the customer has to be aware that FATCA tax is being charged to him.
- If the **No Withhold** option is returned, then FATCA withhold is required. The tax rule will not compute the tax and 0 (zero) should be returned as the tax. While no accounting entry is posted for the tax. In this case, the tax amount will be zero and decision would have NO WITHHOLD.
- If the **Referral** option is returned, then the system will not be able to take decision on withholding. The system will compute the tax amount but will be credited to the escrow GL maintained in the role to head mapping of the product, instead of the tax payable GL.

1.7 Tax Components as Classes

This topic describes how to define transaction level tax as classes, define events and basis amount, maintain rate codes, furnish, and associate rate code values with an issuer class.

This topic contains the following sub-topics:

- [Defining Transaction Level Taxes as Classes](#)
- [Define Issuer Taxes as Classes](#)
- [Define the Events and the Basis Amount](#)
- [Maintain Rate Codes and their Values](#)
- [Furnish the Rate Values for a Code](#)
- [Associate a Rate Code with an Issuer Class](#)

1.7.1 Defining Transaction Level Taxes as Classes

A class is a specific type of component that you can build with certain attributes. For instance, you can build a tax class, with the attributes of a specific type of tax component, such as an

Issuer Tax. Similarly, you can build a charge class, with the attributes of a specific type of charge, such as Charges for the provision of services.

When building a tax class, certain attributes such as the following can be defined:

- The module in which you would use the class
- The tax type (whether a withholding or an expense type of tax)
- The association event
- The application event
- The liquidation event
- The default tax rule

Tax classes can be categorized into:

- Transaction Level Tax classes
- Issuer Tax classes

Transaction level taxes are those that would be levied, on the portfolios you maintain and the contracts that you enter into. Issuer taxes are those that are withheld by the Issuer (of security) when disbursing cash dividends and coupons.

You can define the attributes of a transaction level tax under the corresponding section of the **Treasury Tax Class Maintenance** screen.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRTXC** in the text box, and click next.

Treasury Tax Class Maintenance screen displays.

Figure 1-7 Treasury Tax Class Maintenance

The screenshot shows the 'Treasury Tax Class Maintenance' application window. At the top, there are buttons for 'New' and 'Enter Query'. Below this, there are input fields for 'Class Code', 'Description', 'Module', and another 'Description' field. The main area is split into two panels. The left panel, titled 'Transaction Level Tax', contains fields for 'Tax Type', 'Borne By', 'Cash Outflow' (with a toggle), 'Event For Application', 'Event For Liquidation', 'Allow Rule Amendment' (with a toggle), and 'Amend After Association' (with a toggle). The right panel, titled 'Issuer Tax', contains fields for 'Net Cons Indicator' (with a toggle), 'Net Cons Plus Or Minus', 'Swift Qualifier', 'Default Rule', 'Default Waiver' (with a toggle), 'Allow Amount Amendment' (with a toggle), and 'Amend After Application' (with a toggle). At the bottom right, there are 'Audit' and 'Exit' buttons.

2. On **Treasury Tax Class Maintenance** screen, specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-15 Treasury Tax Class Maintenance - Field Description

Field	Description
Class Code	Assign the class a unique identifier, called the Class Code.
Class Description	Briefly describe the class. A description would help easily identify a class.
Module	A tax class is built for use in a specific module. This is because the basis amounts on which the tax is applied could vary with the modules. In the Foreign Exchange module, for instance, you might want to levy tax on the brokerage paid. In the Securities module, you might have to pay a tax on the value of a security that you purchase. The basis on which the tax component is calculated is different in these two cases.  Note: The Basis Amount Tags available, in this screen, would depend on the module for which you build the class.
Description	The system displays the description.
Tax Type	The type of tax indicates who bears the tax, whether the bank or the customer.
Withholding	Withholding type tax is borne by the beneficiary on an income (either the bank or the customer). For example, the tax on the brokerage paid would be borne by the broker. You withhold this component in a Tax Payable account, by debiting the customer account (since brokers are defined as Customers in Oracle Banking Treasury Management) and later paying the tax to the government on behalf of the broker.

The Net Consideration: The sum of the different components of a contract determines the net value of the contract. To indicate that a transaction-level tax component should be taken into account when determining the net value of a contract, choose the Net Consideration option.

If you choose to include the tax component in the net value of the contract, you should also indicate if the tax component is to be added or subtracted, while calculating the net consideration amount.

Assume you buy securities from a counterparty. The different components of the deal are:

- The value of the securities USD 50,000
- The applicable tax USD 1,000
- The accrued interest USD 1,500

- The applicable charge USD 50.

If you choose to include the tax component when calculating the value of the deal, choose the Net Consideration option. Indicate if the component is to be Added or Subtracted.

Result: If you choose the Net Consideration option and decide to add the tax component to the value of the deal, the net value of the deal would be USD 52,550.

If you choose the Net Consideration option and decide to subtract the tax component from the value of the deal, the net value of the deal would be USD 50,550.

If you do not choose the Net Consideration option, the net value of the deal would be: USD 51,550.

Define the Events and the Basis Amount: Each contract that your bank enters into goes through different stages, each of which is referred to as an Event in Oracle Banking Treasury Management.

A securities deal, for instance, goes through different stages in its life cycle, such as:

- Deal Booking
- Money Settlement of Securities Deal
- Settlement of Securities Deal
- Reversal of Securities Deal
- Cancellation of Securities Deal.

Each of these stages is referred to as an Event in Oracle Banking Treasury Management.

The following are examples of the events for a portfolio that you maintain:

- Booking of Contingent Asset
- Accrual of Discount Earned
- Accrual of Interest Earned
- Forward Profit and Loss Accrual.

At any of these events, you can choose to apply a tax. The event at which you would like to associate a tax component is referred to as the Association Event. At this event, no accounting entry (for the tax component) is passed.

The event at which the tax component is actually computed is referred to as the Application Event. The tax is liquidated at the Liquidation Event.

The basis on which a tax is calculated is referred to as the Basis Amount. A tax can be on the basis of the principal, the brokerage paid and so on. When building a tax class, you have to specify the tag associated with the Basis Amount.

Choosing the Default Tax Rule: A tax rule can be linked to the tax component that you are building. When you link a rule to a component, the attributes that you have defined for the rule, will default to the component.

A tax rule identifies the method in which tax, is to be calculated. A rule is built with attributes such as the following:

- The tax currency
- Whether the tax is to be a flat amount or calculated on a rate basis
- The minimum and maximum tax that can be applied
- The tier or slab structure on which the tax is to be applied
- The currency restrictions, etc.

The tax component to which you link a rule acquires ITS properties. Tax for the contracts with which you associate a tax component will, by default, be calculated according to the rule linked to the component. However, when processing a contract, you can choose to waive the rule.

When building a tax class, you can choose to allow the amendment of the rule linked to it, under the following conditions:

- You can choose to allow amendment after the association event.
- You can choose to allow amendment after the application event.
- You can choose to allow amendment of the tax amount.

Including a Component in SWIFT Messages: To report a component of a contract in the SWIFT messages that you generate, identify the component with the appropriate SWIFT code. You can identify a tax component with its SWIFT code when building the component.

For example, you would like to report the details of a contract to a customer, over SWIFT. Assume you would like to report the tax component (amongst others) in the message that you generate. Each component is identified in SWIFT by a unique code. Even while building the tax component in the Tax Class Maintenance screen, you can identify it with its SWIFT Code.

In the SWIFT Qualifier field of the Tax Class Maintenance screen, you can enter the component identifier, as follows:

If the tax component you are building is...	Enter
a Country, National, Federal tax	COUN
a Payment Levy sort of tax	LEVY
a Local tax	LOCL
a Stock Exchange tax	STEX
a Transfer tax	TRANSACTION
a Transaction tax	TRAX
a Value Added tax	VATA
a Withholding tax	WITH

3. Click the **Exit** button to close the screen.

1.7.2 Define Issuer Taxes as Classes

An issuer tax can be levied on the coupon paid, or on a cash dividend. The issuer of a security determines the tax. To process the tax levied on a security, you have to maintain Issuer Tax classes.

1. On **Treasury Tax Class Maintenance** screen, click **Issuer Tax**.

Issuer Tax details displays.

Figure 1-8 Treasury Tax Class Maintenance

The screenshot shows the 'Treasury Tax Class Maintenance' window. At the top, there are buttons for 'New' and 'Enter Query'. Below this, there are input fields for 'Class Code', 'Description', 'Module', and 'Description'. The main area is divided into two tabs: 'Transaction Level Tax' and 'Issuer Tax'. The 'Issuer Tax' tab is currently selected. Under this tab, there are input fields for 'Event For Association', 'Basis Amount Tag', and 'Default Rate Code', each with a search icon. Below these are three toggle switches: 'Default Waiver', 'Allow Rate Code Amendment', and 'Amend After Association'. At the bottom right, there are 'Audit' and 'Exit' buttons.

Note:

It is not necessary to associate tax rules to an Issuer Tax class. For an Issuer Tax component, you only have to furnish the following details:

- The Association Event
- The Basis Amount
- The Rate Code
- Other operational controls

2. Click the **Exit** button to close the screen.

1.7.3 Define the Events and the Basis Amount

A security goes through different stages in its life cycle, such as:

- Booking
- Interest Accrual
- Liquidation, etc.

Each stage is referred to as an Event, in Oracle Banking Treasury Management. When defining an Issuer Tax class, you should specify the following:

- The Association Event
- Basis Amount

The event at which you would like to associate a tax component to a security is referred to as the Association Event.

The basis on which interest, charge or tax is calculated or levied is referred to as the Basis Amount. (An Issuer Tax can be on the basis of the coupon paid, or on a cash dividend.) The different basis amounts available in the Securities module are associated with a unique 'tag'. When building a tax component, you have to specify the tag associated with the Basis Amount. When tax is calculated for a security, the basis amount corresponding to the tag will be picked up automatically.

1.7.4 Maintain Rate Codes and their Values

A Tax Rate Code identifies the rate that applies to an issuer tax. For instance, you can create a rate code and specify the rate values for different Effective Dates, in the **Tax Rate Maintenance** screen. When building an Issuer Tax component, say Issuer_01, in the **Tax Class Maintenance** screen, you only need to specify the Rate Code that should apply. For all securities associated with Issuer_01, the rates corresponding to the code will be picked up.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRRCD** in the text box, and click next.

Treasury Tax Rate Code Maintenance screen displays.

Figure 1-9 Treasury Tax Rate Code Maintenance

Treasury Tax Rate Code Maintenance

New Enter Query

Rate Code *
Rate Code Description *
Country Code
Country Description

Fields Audit Exit

2. On **Treasury Tax Rate Code Maintenance** screen, specify the fields.

Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-16 Treasury Tax Rate Code Maintenance - Field Description

Field	Description
Rate Code	Since tax rates would vary across markets, you can define rate codes specific to markets (countries).
Rate Code Description	Enter a brief rate code description.
Country Code	Select the country code from the option list.
Country Code Description	The system displays the contry code description.

- Click the **Exit** button to close the screen.

1.7.5 Furnish the Rate Values for a Code

The actual rate values for a rate code can be maintained in the **Tax Rates Input** screen.

Specify **User ID** and **Password** and login to **Home** screen.

- On **Home** screen, type **TADTRRAT** in the text box, and click next.

Treasury Tax Rates Input screen displays.

Figure 1-10 Treasury Tax Rates Input

- On **Treasury Tax Rates Input** screen, specify the fields.

Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-17 Tax Rates Input - Field Description

Field	Description
Rate Code	Specify the rate code.
Rate Code Description	The system displays the rate code description.

Table 1-17 (Cont.) Tax Rates Input - Field Description

Field	Description
Basis Amount Currency	The basis (the coupon amount, the cash dividend amount, etc.) on which a tax is calculated, is referred to as the Basis Amount. You can specify the currency of the Basis Amount.
Currency Description	The system displays the currency description.
Beneficiary Country	Issuer Tax Rates are specific to markets. When maintaining a rate value for a code, you have to identify the market for which you are defining the rate.
Beneficiary Country Name	The system displays the beneficiary country name.
Beneficiary Customer Number	You can maintain unique tax rates for issuers of securities. When you maintain a security, the system applies the tax rate defined for the issuer. If you have not maintained a rate for an issuer, the system applies the rate maintained for the country to which issuer belongs.
Beneficiary Customer Name	The system displays the beneficiary customer name.
Exchange Rate Type and Category	If you specify a Basis Amount Currency that is different from the Tax Currency, you have to indicate the type of rate (standard, spot, cash, etc.), and the rate category (mid, buy, or sell rate) that should be used in the currency conversion.
Rate Type Description	The system displays the rate type description.
Tax Currency	You can specify the currency in which the tax should be applied.
Tax Currency Name	The system displays the tax currency name.
Effective Date	The date on which a rate becomes effective is referred to as the Effective Date. For a code and Effective Date, you can maintain a rate.
Tax Rate	In this field, you can enter the actual rate value for a Code, for an Effective Date. When you associate a rate code with an issuer tax class, the rates corresponding to Effective Dates will be picked up and applied.

- Click the **Exit** button to close the screen.

1.7.6 Associate a Rate Code with an Issuer Class

The tax that applies on a coupon would be calculated at a specific rate. When building an issuer tax component, you have to specify the rate at which tax should be computed for a coupon. When you associate a rate code that you have maintained with a component, the rates corresponding to the component will be picked up. A rate code identifies the rate that applies on a tax. A rate code is built with attributes such as the following:

- The tax currency
- The basis amount currency
- The Effective Date
- The Exchange Rate Type and Category

Tax for the component to which you link a rate code will be computed by default, on the basis of these properties.

When maintaining a security, however, you can choose to waive the rate code altogether.

1.8 Tax Component Groups

This topic describes the tax component groups into a scheme, define a money taxation scheme, and features of tax scheme.

This topic contains the following sub-topics:

- [Grouping Tax Components into a Scheme](#)
- [Define Securities and Derivative Taxation Schemes](#)
- [Define a Money Taxation scheme](#)
- [Features of Tax Scheme Maintenance Screen](#)

1.8.1 Grouping Tax Components into a Scheme

A Tax Scheme consists of a set of Tax Rules that will be made applicable on a product. Tax schemes can be two types:

- Schemes, which cater to Money Taxation. These tax schemes involve a combination of tax rules only. In Oracle Banking Treasury Management, money taxation schemes are made applicable on deposit, funds transfer, foreign exchange, money market and trade finance transactions.
- Schemes, which cater to Securities and Derivative taxation. These tax schemes involve a combination of tax classes. For instance a security could consist of one or more issuer tax components (a tax on coupons and a tax on redemption). You can define these components as tax classes. Since a Securities/Derivatives tax scheme is composed of one or more tax classes; by associating a tax scheme with a market, you can compute all the tax components for the securities used from the market.

The manner in which you can maintain Money and Security/Derivative scheme types has been discussed in detail in the subsequent sections.

1.8.2 Define Securities and Derivative Taxation Schemes

A contract that you enter into could consist of one or more tax components (a Stock Exchange tax, a Local tax, etc.). You can define each of these components as a tax class, and associate each with a tax rule. A tax rule identifies the method in which a tax component is calculated.

A tax scheme is composed of one or more tax classes. For instance, a Transaction Level Tax Scheme would be composed of one or more transaction level tax classes. By associating a Tax Scheme with a product, you can calculate all the tax components for the contracts entered under the product at one stroke. Tax schemes can be built in the **Tax Scheme Maintenance** screen.

Specify **User ID** and **Password** and login to **Home** screen.

1. On **Home** screen, type **TADTRSHC** in the text box, and click next.
Treasury Tax Scheme Maintenance for Tax Class screen displays.

Figure 1-11 Treasury Tax Scheme Maintenance for Tax Class

2. On **Treasury Tax Scheme Maintenance for Tax Class** screen, specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-18 Treasury Tax Scheme Maintenance for Tax Class - Field Description

Field	Description
Tax Scheme	Specify the unique code to identify a Tax Scheme.
Description	Specify a brief description about the tax scheme.
Component	Specify the components that you would like to include in the Tax scheme.
Stop Association	Select this option to instruct the system not to calculate tax for a product. The Tax details specified for a product will be automatically applied on all contracts involving the product. However, while processing a contract, you can waive the application of all or specific tax rules for the contract.

3. Click the **Exit** button to close the screen.
- [How a Scheme Works](#)
 - [Put a Component in a Scheme on hold](#)
 - [Define a Money Taxation scheme](#)

1.8.2.1 How a Scheme Works

A class in a scheme will remain effective till another class for the same component, but with a different Effective Date, is encountered.

The following example illustrates how the different classes in a tax scheme, defined for the same component is applied.

For example,

You have defined the following Tax classes (only the fields relevant to the example are discussed):

Tax Class 1

Class Code	Brok_clas1
Effective Date	1 January 1999 (defined for the associated tax rule)
Basis Amount	Brokerage Amount
Tax Rate	0.5% (defined for the associated tax rule)

Tax Class 2

Class Code	Brok_clas2
Effective Date	1 April 1999 (defined for the associated tax rule)
Basis Amount	Brokerage Amount
Tax Rate	0.75% (defined for the associated tax rule)

When these classes are linked to a single tax scheme, the tax will be applied in the following manner:

- From 1 January 1999 to 31 March 1999, the brokerage paid on contracts will be taxed at 0.5%. From 1 April 1999 onwards, the brokerage paid will be taxed at 0.75%.
- Brokerage will continue to be taxed at 0.75% till another class with a different Effective Date is added to the scheme.

1.8.2.2 Put a Component in a Scheme on hold

You can choose to keep one or more tax components in a scheme, on hold. When you associate the scheme with a product, those tax components that are on hold, will not apply on contracts entered under the product. This status can be changed at any time.

1.8.2.3 Define a Money Taxation scheme

Any transaction on which tax is applicable is linked to a Tax Scheme. A Tax Scheme describes the method in which the tax has to be applied on a transaction.

A tax scheme can have a number of Tax Rules linked to it. The attributes of all these rules will be applied on the transaction. Thus, a Tax Rule is made applicable on a contract through the Tax Scheme. For instance, let us assume we are building a tax scheme, which should be used for the Funds Transfer module of Oracle Banking Treasury Management.

You have defined the following Tax Rules (only the fields relevant to the example are discussed):

Tax Rule 1

Rule Code	TaxP1
-----------	-------

Effective Date	1 Jan 2002
Component	Transfer amount
Tax Rate	10

Tax Rule 2

Rule Code	TaxP2
Effective Date	1 April 2002
Component	Transfer amount
Tax Rate	12

Tax Rule 3

Rule Code	TaxI1
Effective Date	1 Jan 2002
Component	Charges Earned
Tax Rate	10

Tax Rule 4

Rule Code	TaxI2
Effective Date	1 April 2002
Component	Charges Earned
Tax Rate	12

When all these rules are linked to a single tax scheme, the tax will be applied in the following manner:

For the Transfer Amount

If you initiate a transfer from 1 Jan 2002 to 31 Mar 2002, the transfer amount will be charged at 10%. If you initiate a transfer from 1 April 2002 onwards, the transfer amount will be charged at 12%. This is because, after Tax Rule 1, Tax Rule 2 is for transfer and it has an Effective Date of 1 April 2002. All transfers will continue to be taxed at 12% till another rule for the transfer amount with a different Effective Date is added to the scheme.

For the Charges Earned

The charges will also be taxed in the same manner as the transfer amount as two rules have been linked to the Tax Scheme that have exactly the same Effective Date and rates as the ones for the transfer amount.

**Note:**

The basis component on which the tax should be applied (principal, interest, transfer amount, etc) is specified through the **Tax Scheme Maintenance** screen. Tax Schemes too are linked to a product through this screen.

1.8.3 Define a Money Taxation scheme

Any transaction on which tax is applicable is linked to a Tax Scheme. A Tax Scheme describes the method in which the tax has to be applied on a transaction.

A tax scheme can have a number of Tax Rules linked to it. The attributes of all these rules will be applied on the transaction. Thus, a Tax Rule is made applicable on a contract through the Tax Scheme. For instance, let us assume we are building a tax scheme, which should be used for the Funds Transfer module of Oracle Banking Treasury Management.

You have defined the following Tax Rules (only the fields relevant to the example are discussed):

Tax Rule 1

Rule Code	TaxP1
Effective Date	1 Jan 2002
Component	Transfer amount
Tax Rate	10

Tax Rule 2

Rule Code	TaxP2
Effective Date	1 April 2002
Component	Transfer amount
Tax Rate	12

Tax Rule 3

Rule Code	TaxI1
Effective Date	1 Jan 2002
Component	Charges Earned
Tax Rate	10

Tax Rule 4

Rule Code	TaxI2
Effective Date	1 April 2002

Component	Charges Earned
Tax Rate	12

When all these rules are linked to a single tax scheme, the tax will be applied in the following manner:

For the Transfer Amount

If you initiate a transfer from 1 Jan 2002 to 31 Mar 2002, the transfer amount will be charged at 10%. If you initiate a transfer from 1 April 2002 onwards, the transfer amount will be charged at 12%. This is because, after Tax Rule 1, Tax Rule 2 is for transfer and it has an Effective Date of 1 April 2002. All transfers will continue to be taxed at 12% till another rule for the transfer amount with a different Effective Date is added to the scheme.

For the Charges Earned

The charges will also be taxed in the same manner as the transfer amount as two rules have been linked to the Tax Scheme that have exactly the same Effective Date and rates as the ones for the transfer amount.



Note:

The basis component on which the tax should be applied (principal, interest, transfer amount, etc) is specified through the **Tax Scheme Maintenance** screen. Tax Schemes too are linked to a product through this screen.

1.8.4 Features of Tax Scheme Maintenance Screen

Scheme Code

Identify the Tax Scheme that you are maintaining with a unique code. A scheme consists of several tax components (classes). You can indicate the components that you would like to include in the scheme in the Component field.

1.9 Tax Scheme to a Product Linkage

This topic describes the how to link a tax scheme to a product, feature of the tax linkage definition, specify the currency details, surcharge, process tax on a contract, and process tax on MM contracts.

This topic contains the following sub-topics:

- [Link a Tax Scheme to a Product](#)
- [Features of the Product- Tax Linkage Definition screen](#)
- [Specify Currency Details](#)
- [Surcharge](#)
- [Process Tax on a Contract](#)
- [Process Tax on MM contracts](#)

1.9.1 Link a Tax Scheme to a Product

A tax scheme is linked to a product, only if tax applies to the product. This linkage is established through the tax screen, of product definition. The tax scheme thus linked will be applicable on a contract processed under the product by default. However, you have the option of waiving the application of tax, for a specific contract.

A Tax Rule represents the method in which a specific tax has to be calculated. The amount based on which the tax has to be applied is not specified for a Tax Rule. This is specified only when the Tax Scheme is linked to a product.

The system thus offers you flexibility in terms of the method in which tax has to be calculated. For example, for one type of product, you could use a Tax Rule to apply tax on interest earned, while for another product, the same rule could be used to apply tax on the principal (if the method of tax calculation is the same for both the components).

A Tax Scheme is applicable on a product by linking the two rates mentioned above. Once the Tax Scheme is specified for linkage, you should indicate the component on which the two rules are applicable, the event when the tax should be liquidated and the type of tax - withholding or expense.

To specify the linkage of a tax scheme to a product you have to invoke the Product-Tax Linkage Definition screen from the LD/MM Product Definition screen.

1. Click **Tax** button in the respective **Product Definition** screen.

Tax Details screen displays.

Figure 1-12 Tax Details

2. On **Tax Details** screen, specify the details.

Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-19 Tax Details - Field Description

Field	Description
Product Code	This is defaulted from the Product Definition screen.
Product Description	This is defaulted from the Product Definition screen.
Tax Scheme	Select the tax scheme from the option list.
Scheme Description	The system displays the description.

3. Click the **Ok** button to close the screen.

1.9.2 Features of the Product- Tax Linkage Definition screen

1. On **Tax Details** screen, specify the details.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-20 Tax Details - Field Description

Field	Description
Tax Component and Basis Component	Tax can be applied on the basis of any component that is taxable according to the laws in your country. This component is called the Basis Component. The method of tax application defined for the Tax Rule will be applied on this component.
Event	You should specify the event for which the tax is applicable. For example, if you specify that the tax is to be applied upon initiation of the contract, then the liquidation entries for tax will be passed when the contract is initiated. If you specify the event as the Maturity of the contract, the tax will be liquidated upon Maturity of the contract. Similarly, if you specify that the tax be to be applied at the time the commissions are collected from the customer, then the entries for tax will be passed when the commission is paid.
Tax Type	The type of tax, decides the bearer the tax. It could be the bank or the customer. A customer bears withholding type of tax and the tax component is debited to the customer's account. The bank bears an expense type of tax and the tax component is booked to a tax expense account.  Note: The tax details specified for a product will be automatically applied on all contracts involving the product. However, while processing a contract, you can waive the application of all or specific tax rules for the contract.

Table 1-20 (Cont.) Tax Details - Field Description

Field	Description
Minimum Interest Rate Code for Tax	This field is appears only for LD and MM product maintenance. You need to specify the rate code that will be used to determine the minimum interest rate for the tax to be applicable. If the rate code is not defined, then the minimum interest rate will be taken as 0.

- Click the **Ok** button to close the screen.

1.9.3 Specify Currency Details

- On **Tax Details** screen, specify the details.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-21 Tax Details - Field Description

Field	Description
Currency	This field appears only for LD and MM product maintenance. You need to specify the currency for which the tax waiver rules (maximum interest period and minimum interest amount) should be defined.
Maximum Interest Period for Tax	This field appears only for LD and MM product maintenance. You need to specify the interest period beyond which tax on the interest amount liquidated would be waived. The maximum interest period would be applicable only for Deposit type of products for LD and Borrowing type of products for the MM module. If the tax rule has a tax category linked to it, then the currency details will be mandatory. A validation for this would be done during tax processing. In case the tax rule does not contain the tax category, and the currency details have not been defined, then the maximum interest period would be ignored and the minimum interest amount would be considered as 0 indicating that the tax would always be computed.
Period Unit	This field appears only for LD and MM product maintenance. You need to specify the unit for the interest period. The available options are as follows: • Days (D) • Months (M) • Years (Y)

Table 1-21 (Cont.) Tax Details - Field Description

Field	Description
Minimum Interest Amount for Tax	This field appears only for LD and MM product maintenance. You need to specify interest amount up to which tax will be waived. The minimum interest amount would be applicable only for the Deposit type of products for LD and Borrowing type of products for MM module. If the tax rule has tax category linked to it, then the currency details will be mandatory. A validation for this would be done during tax processing. In case the tax rule does not contain the tax category, and the currency details have not been defined, then the maximum interest period would be ignored and minimum interest amount would be considered as 0 indicating that the tax would always be computed. If the interest amount being liquidated is less than the minimum interest amount, tax will be waived completely for that transaction.

2. Click the **Ok** button to close the screen.

1.9.4 Surcharge

If a surcharge is to be applied on the final tax amount, then the surcharge should be created as a separate rule in the Tax Rule maintenance screen. This Rule should be included in the same Tax Scheme as the primary tax rule. In the Product Tax Linkage screen, the Basis Amount for the surcharge should be the tax component of the primary tax rule.

1.9.5 Process Tax on a Contract

The taxes that apply on a contract can be of two types: 'Expense' and 'Withholding'. The tax that your bank bears on a contract is referred to as an expense type of tax, whereby you book the tax component to a Tax Expense account. The tax that is borne by counter party of a contract is referred to as a withholding tax, whereby you debit the counter party's account, and credit the tax component into a Tax Payable account (to be paid to the government on the counter party's behalf).

For example, A tax on a Letter of Credit (LC) can be levied either on the:

- Outstanding LC amount
- On the commissions and charges that you earn to process the LC.

In both cases, it is the bank that bears the tax - this is an Expense type of tax. The tax expense account should be debited and the tax payable account should be credited. From this liability account, the tax should be later on, paid to the government.

1. On **Contract Details** screen, click **Tax** button.

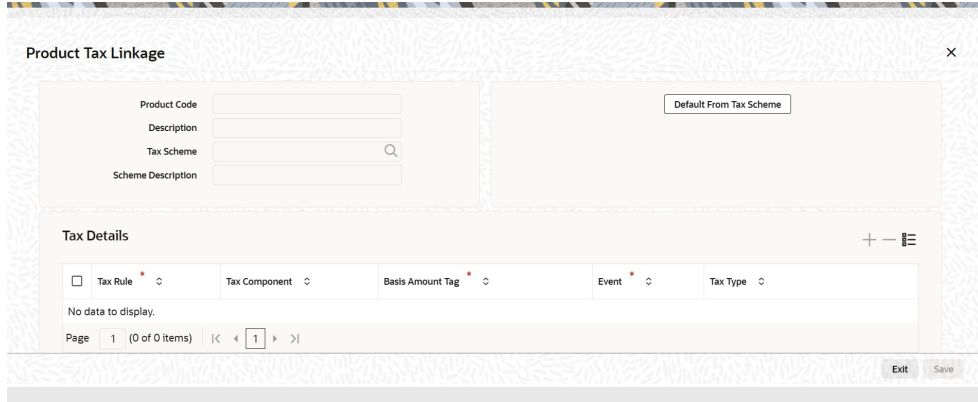
Tax Details screen displays.

You have a choice of waiving tax due to all the Tax Rule(s) linked to the Tax Scheme applicable to the product (and hence the contract) or that which is only due to specific Tax Rule(s).

 Note:

Only the tax that has not yet been liquidated can be waived.

Figure 1-13 Tax Details



2. On **Tax Details** screen, specify the fields.

 Note:

The fields which are marked in red asterisk are mandatory.

For more information on fields, refer to the field description table.

Table 1-22 Tax Details - Field Description

Field	Description
Contract Reference	Specify the contract reference number.
Tax Scheme	Specify the tax scheme.
Waiver	Select this option enable waiver.

3. Click **Ok** button to close the screen.

1.9.6 Process Tax on MM contracts

The tax processing for MM contracts would occur as follows:

- First, the Waiver maintenance for Interest Rate/Period/Amount defined at the at the LD/ MM product level would be checked. The tax would be fully waived if any one of the following conditions was satisfied.

The Interest rate pertaining to Interest Rate Code defined in the Tax Definition of LD/MM product is more than the contract interest rate for the Basis Amount. The interest period for the current interest being liquidated is more than the interest period defined in the Tax definition of LD/MM product. This would be applicable only for deposit and borrowing type of products.

- The total interest amount on which tax has to be computed is less than the minimum interest amount defined in the Tax Definition of LD/MM product. This is also applicable for deposit and borrowing types of products.
- If a Tax category is linked to a Tax Rule and the Waiver parameters have not been defined, then a configurable override would be shown.
- In case the Waiver conditions defined are not satisfied, the tax computation would be done as follows. This computation would be done only for Deposit (LD) and Borrowing (MM) type of products.
 - First, the actual basis amount would be arrived at based on the Basis Percentage defined in Tax Rule Maintenance.
 - This Basis Amount would be rounded using the currency rounding parameters.
 - Then the availability of Tax-Free Allowance at the contract level would be verified. If the Limit has been defined, then the availability of the same would be verified in the sequence in which it has been defined. In case the Tax-Free Allowance has not been defined at the contract level, the same would be verified at the Customer level. If the Tax-Free Allowance is available, the same would be reduced from the taxable amount (Basis Amount) to arrive at the Net Taxable Amount. If the contract currency and the tax-free allowance currency is different, the Basis Amount would be converted to the Tax-free Amount currency.
 - The Net Taxable Amount arrived at here would again be rounded up using the Currency Rounding Parameters.
 - The taxable amount (Basis Amount) would then be converted into the Calculation Currency (Basis Amount Currency) in case the Calculation Currency defined in the Tax Rule is different from the contract currency.
 - The Taxable Amount (Basis Amount) thus computed would be rounded using the rounding parameters defined for the Calculation Currency. Even if the taxable amount is in the same currency as the Calculation Currency, rounding would be done using the Calculation Currency rounding parameters defined in the Tax Rule.
 - The appropriate Tax Rate would be picked up based on the slabs defined in the Tax Rule and the tax would be computed on the rounded taxable amount.
 - The tax amount thus computed would then be converted into Tax Currency if the tax currency is different from the Calculation Currency.
 - The converted amount would then be rounded using the Tax Currency Rounding parameters.
 - The Basis Percentage defined in the Tax Rule would be applied again to the tax amount to compute the actual tax amount. The inverse of Basis Percentage would be applied to get the Actual Tax Amount. Thus if the Basis Percentage is 50 and the tax computed by the system is USD 125, the actual tax amount would be $USD\ 125 * (100/50) = USD\ 250$.
 - The tax amount computed after application of the Basis Percentage would again be rounded using the Tax Currency rounding parameters.
 - Now, the Customer-group Tax Waiver Maintenance would be verified to check if some waiver has been maintained for the Customer Group-Customer-Tax Category-Product combination. If a Waiver Rule has been maintained, then the waiver amount would be computed by applying the waiver percentage to the tax amount.
 - The waiver amount would be subtracted from the tax amount

- The net tax amount post waiver would again be rounded using the tax currency rounding parameters to arrive at the final tax amount to be charged to the customer account.

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