

Oracle[®] Retail Fiscal Management Operations Guide



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Preface

This guide outlines the information you need to know about Oracle Retail Fiscal Management Cloud Service new or improved functionality in this update, and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Audience

This document is intended for the users and administrators of the Oracle Retail Fiscal Management Cloud Service.

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- Exact error message received
- Screen shots of each step you take

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Oracle Retail Cloud Services and Business Agility

Oracle Retail Fiscal Management Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

1

Introduction

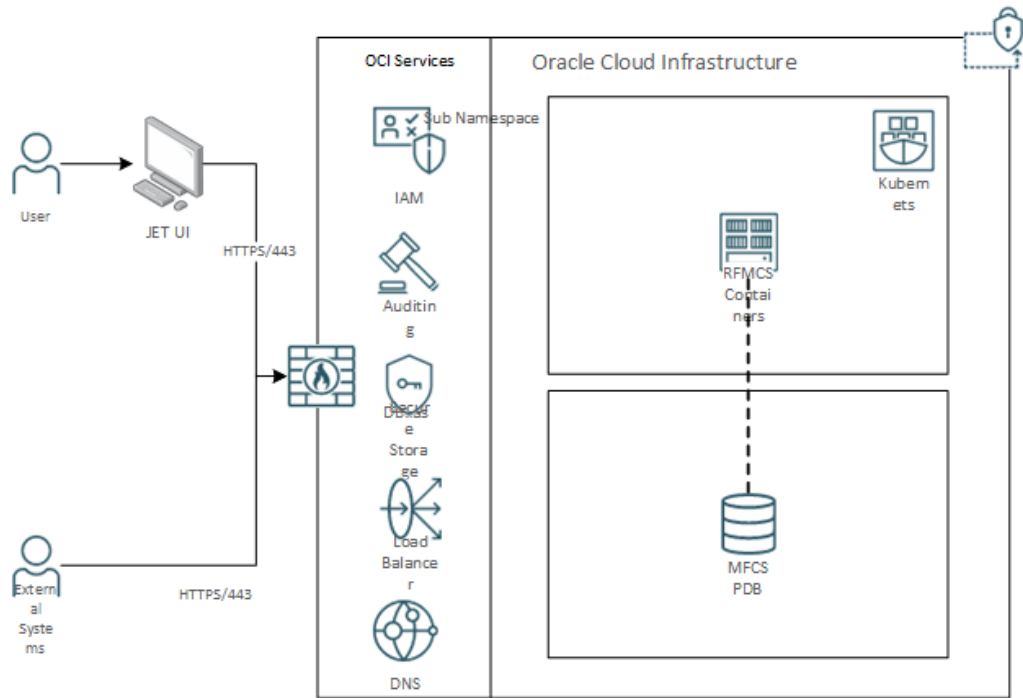
Oracle Retail Fiscal Management Cloud Service (RMFCS) is a cloud native solution that leverages the most recent and advanced technologies used in Oracle Cloud applications and Merchandise Foundation Cloud Service Suite Architecture.

Fiscal Management Cloud Service is a JET and Java based application deployed on Oracle Cloud Infrastructure along with Oracle Retail Merchandise Cloud Services. The applications are deployed in a highly available, high performance, horizontally scalable architecture.

Key Technical Features:

- JET Redwood themed application
- Rest Services to integrate with external systems
- OAuth2.0 based authentication through Oracle Cloud Infrastructure Identity and Access Management (OCI IAM)
- Batch programs resides inside MFCS batch scheduler
- DAS/GG and RDS data replication available upon request
- Workflow based development
- Language and Notification customization through Retail Home application

Please refer to Merchandising Cloud Service Suite Architecture documentation for more details.



2

Backend System Administration and Configuration

This chapter is intended for administrators who provide support and monitor the running system.

The content in this chapter is not procedural. Instead, it is meant to provide descriptive overviews of the parameters and configurations of the system that come with the Retail Fiscal Management application.

See the [Integration](#) chapter for details on fiscal attributes setup.

Depending on country-specific requirements, a set of pre-defined attributes are made available along with RFMCS. This set of attributes are configured as part of the installation.



Note:

The association of any pre-defined attribute to its specific entity (items, locations, suppliers, and so on) will not be delivered as part of the RFMCS installation. This association or “fiscal classification” is part of implementation activities.

For the pre-defined attributes that require a list of values, the list will also be provided as part of the installation. However, some attributes have their list of values provided by governments or external entities. For customers to have the autonomy to keep these lists updated, the Fiscal Attributes List of Values are updated using Merchandising REST services. See [Chapter 3, “Integration”](#) for details.

The list of pre-defined attributes available in this release of RFMCS and the entity with which they are associated is described below. This list is not exhaustive, as it does not have all the configuration parameters for each attribute. These details are fetched from the application by calling the Fiscal Attributes Request Service. See [Chapter 3, “Integration”](#) for details.

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	CD_CLASSIFICA CAO	Classification code for the item.	ITEM_MASTER	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	APLICACAO	Application purpose for the item.	ITEM_MASTER	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FABRICACAO	Indicates if the item falls into one of the 2 categories for tax calculation purposes.	ITEM_MASTER	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	ORIG	Origin classification code for items (code defined by fiscal authority).	ITEM_MASTER	Y	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	NCM	Item classification code (code defined for Mercosul trading zone).	ITEM_MASTER	Y	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	EXNCM	Sublevel of the NCM code (internal code meant for tax rule conditions).	ITEM_MASTER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	CEST	Extension code associated to the NCM code. This code is meant to identify items that are under the ST regime. Used for NF creation and tax calculation.	ITEM_MASTER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	EXTIPI	Tax exception classification applied to IPI tax.	ITEM_MASTER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	UF_FABRICACAO	Indicates the state where the product was manufactured.	ITEM_MASTER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	IND_ESCALA	Item Produced at a relevant scale. Attribute required to be stored for NF creation.	ITEM_MASTER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CNPJ_FAB	Associated with attributes Produced at a relevant Scale to store data for NF creation.	ITEM_MASTER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	REGIME_DIF	Internal tax regime code kept in EDM_ATTRIB for tax calculation only.	ITEM_MASTER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FABRICACAO	Indicates if the item falls into one of the 2 categories for tax calculation purposes.	ITEM_SUPPLIER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	ORIG	Origin classification code for items (code defined by fiscal authority).	ITEM_SUPPLIER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	UF_FABRICACAO	Indicates the state where the product was manufactured.	ITEM_SUPPLIER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	UN_FISCAL	Fiscal UOM. Used for when the NF UOM is different than the Merchandising SUOM. Conversion created only in RFM.	ITEM_SUPPLIER	N	System Behavior: Y Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	FATOR_UN_FISCAL	Fiscal UOM conversion factor. Used for when the NF UOM is different than Merchandising SUOM. Conversion created only in RFM.	ITEM_SUPPLIER	N	System Behavior: Y Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	REGIME_DIF	Internal tax regime code kept in FDM_ATTRIB for tax calculation only.	ITEM_SUPPLIER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FABRICACAO	Indicates if the item falls into one of the 2 categories for tax calculation purposes.	ITEM_LOC	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	ORIG	Origin classification code for items (code defined by fiscal authority).	ITEM_LOC	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	UF_FABRICACAO	Indicates the state where the product was manufactured.	ITEM_LOC	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	N_FCI	FCI process code stored at item/location level for NF creation.	ITEM_LOC	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	GROUP_ITEMS_ST	This flag will make group items while creating NFs.	ITEM_LOC	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	REGIME_DIF	Internal tax regime code kept in FDM_ATTRIB for tax calculation only.	ITEM_LOC	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	PESSOA_JURIDICA	Corporate taxpayer indicator.	LOCATION	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: Y
BR	CNAE	CNAE code (database attribute for other entities). Activity identification code for companies.	LOCATION	Y	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	CNPJ	Taxpayer ID for federal level tax authorities. Exclusive for corporate taxpayers.	LOCATION	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE	Taxpayer ID for state level tax authorities.	LOCATION	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IND_IE	Indicates the type of State Inscription for the Recipient.	LOCATION	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IM	Taxpayer ID for city level tax authorities.	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	I_SUF	Specific free zone taxpayer code for exemption purposes.	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	REGIME_DIF	Internal tax regime code kept in FDM_ATTRIB for tax calculation only.	LOCATION	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	CONTROL_FISCAL_LEDGER	Location-level definition for fiscal ledger control. If Yes, all NFs are controlled (in and out).	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	DISCR_FISCAL_DOCUMENT	Location level definition of resolution method if the resolution type is automatic. If YES a fiscal document (RNF) is generated. If NO, a non-fiscal document is generated (credit note).	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	DISCR_RESOLUTION_TYPE	Location level control for discrepancy resolution option.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	MATCH_LEVEL_COST	Indicates the level of the document that is compared with the PO in POFDR Flow for Cost.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_DISCOUNT	Indicates the level of the document that is compared with the PO in POFDR Flow for Discount.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_FREIGHT	Indicates the level of the document that is compared with the PO in POFDR Flow for Freight.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_INSURANCE	Indicates the level of the document that is compared with the PO in POFDR Flow for Insurance.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_EXPENSES	Indicates the level of the document that is compared with the PO in POFDR Flow for Expenses.	LOCATION	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	ST_BREAK_NF_IND	Indicates if the RTV must have ST tax in a separate NF. RFM behavior flag.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	ST_BALANCE_AVG_IND	Indicates the use of weighted average for the ST tax recovery calculation based on the fiscal ledger documents consumed.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	LEDGER_BALANCE_METHOD	Ledger balance method (LIFO, or FIFO) - Default: LIFO.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	NFE_MANIFEST_DAYS	Indicates the number of days to Manifest NFe Rejection.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_COST	Indicates the percentage rate of tolerance to be applied in the comparison of item cost between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_COST	Indicates the value of tolerance to be applied in the comparison of item cost between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_DISCOUNT	Indicates the percentage rate of tolerance to be applied in the comparison of discounts between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_DISCOUNT	Indicates the value of tolerance to be applied in the comparison of discounts between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_RA TE_FREIGHT	Indicates the percentage rate of tolerance to be applied in the comparison of freight cost between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VA LUE_FREIGHT	Indicates the value of tolerance to be applied in the comparison of freight cost between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RA TE_INSURANCE	Indicates the percentage rate of tolerance to be applied in the comparison of insurance between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VA LUE_INSURANCE	Indicates the value of the tolerance to be applied in the comparison of insurance between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RA TE_EXPENSES	Indicates the percentage rate of tolerance to be applied in the comparison of expenses between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VA LUE_EXPENSES	Indicates the value of tolerance to be applied in the comparison of expenses between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RA TE_TAX	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_VALLUE_TAX	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	TOLERANCE_RATE_TAX_RET	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	TOLERANCE_VALLUE_TAX_RET	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	LOCATION	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	IE_ST_AC	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_AL	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_AM	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_AP	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IE_ST_BA	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_CE	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_DF	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_ES	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_GO	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_MA	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_MG	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IE_ST_MS	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_MT	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_PA	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_PB	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_PE	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_PI	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_PR	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IE_ST_RJ	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_RN	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_RO	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_RR	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_RS	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_SC	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_SE	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IE_ST_SP	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE_ST_TO	State inscription as ST substitute (can be more than one depending on the state).	LOCATION	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	PESSOA_JURIDICA	Corporate taxpayer indicator.	SUPS	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: Y
BR	CNPJ	Taxpayer ID for federal level tax authorities. Exclusive for corporate taxpayers.	SUPS	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CPF	Taxpayer ID for federal level tax authorities. Exclusive for individual taxpayers.	SUPS	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE	Taxpayer ID for state level tax authorities.	SUPS	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IND_IE	Indicates the type of State Inscription for the Recipient.	SUPS	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	CNAE	CNAE code (database attribute for other entities). Activity identification code for companies.	SUPS	Y	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	IM	Taxpayer ID for city level tax authorities.	SUPS	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	I_SUF	Specific free zone taxpayer code for exemption purposes.	SUPS	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CRT	Define the taxpayer's taxation regime (Normal Regime or National Simples).	SUPS	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	CRT_SIMPLES_ALIQ	Percentage rate if the CRT equals the SIMPLES Contributor.	SUPS	C	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FABRICANTE_DISTRIBUIDOR	Information for special tax regimes.	SUPS	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FAIXA_FATURAMENTO_ANUAL	Is income range eligible.	SUPS	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	PRODUTOR_RURAL	Rural Producer indicator.	SUPS	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y
BR	REGIME_DIF	Internal tax regime code kept in FDM_ATTRIB for tax calculation only.	SUPS	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	MATCH_LEVEL_COST	Indicates the level of the document that is compared with the PO in POFDR Flow for Cost.	SUPS	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_DISCOUNT	Indicates the level of the document that is compared with the PO in POFDR Flow for Discount.	SUPS	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_FREIGHT	Indicates the level of the document that is compared with the PO in POFDR Flow for Freight.	SUPS	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_INSURANCE	Indicates the level of the document that is compared with the PO in POFDR Flow for Insurance.	SUPS	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_EXPENSES	Indicates the level of the document that is compared with the PO in POFDR Flow for Expenses.	SUPS	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	AUTO_SUBMIT_RECEIPT	Y/N indicator to automatically submit for physical receipt if no discrepancy is found during NF validation.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_COST	Indicates the percentage rate of tolerance to be applied in the comparison of item cost between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_COST	Indicates the value of tolerance to be applied in the comparison of item cost between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_DISCOUNT	Indicates the percentage rate of tolerance to be applied in the comparison of discounts between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_DISCOUNT	Indicates the value of tolerance to be applied in the comparison of discounts between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_FREIGHT	Indicates the percentage rate of tolerance to be applied in the comparison of freight cost between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_FREIGHT	Indicates the value of tolerance to be applied in the comparison of freight cost between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_RATE_INSURANCE	Indicates the percentage rate of tolerance to be applied in the comparison of insurance between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_INSURANCE	Indicates the value of tolerance to be applied in the comparison of insurance between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_EXPENSES	Indicates the percentage rate of tolerance to be applied in the comparison of expenses between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_EXPENSES	Indicates the value of tolerance to be applied in the comparison of expenses between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_TAX	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	TOLERANCE_VALUE_TAX	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	TOLERANCE_RATE_TAX_RET	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_VALLUE_TAX_RET	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	SUPS	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	PESSOA_JURIDICA	Corporate taxpayer indicator.	PARTNER	Y	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: Y
BR	CNPJ	Taxpayer ID for federal level tax authorities. Exclusive for corporate taxpayers.	PARTNER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CPF	Taxpayer ID for federal level tax authorities. Exclusive for individual taxpayers.	PARTNER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IE	Taxpayer ID for state level tax authorities.	PARTNER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	IND_IE	Indicates the type of State Inscription for the Recipient.	PARTNER	C	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CNAE	CNAE code (database attribute for other entities). Activity identification code for companies.	PARTNER	Y	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	IM	Taxpayer ID for city level tax authorities.	PARTNER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	I_SUF	Specific free zone taxpayer code for exemption purposes.	PARTNER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: N Fiscal Reporting: Y
BR	CRT	Define the taxpayer's taxation regime (Normal Regime or National Simples).	PARTNER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	CRT_SIMPLES_ALIQ	Percentage rate if the CRT equals the SIMPLES Contributor.	PARTNER	C	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FABRICANTE_DISTRIBUIDOR	Information for special tax regimes.	PARTNER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	FAIXA_FATURAMENTO_ANUAL	Is income range eligible.	PARTNER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	PRODUTOR_RURAL	Rural Producer indicator.	PARTNER	N	System Behavior: N Fiscal Document Use: Y Tax Calculation: Y Fiscal Reporting: Y

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	REGIME_DIF	Internal tax regime code kept in FDM_ATTRIB for tax calculation only.	PARTNER	N	System Behavior: N Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	MATCH_LEVEL_COST	Indicates the level of the document that is compared with the PO in POFDR Flow for Cost.	PARTNER	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_DISCOUNT	Indicates the level of the document that is compared with the PO in POFDR Flow for Discount.	PARTNER	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_FREIGHT	Indicates the level of the document that is compared with the PO in POFDR Flow for Freight.	PARTNER	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_INSURANCE	Indicates the level of the document that is compared with the PO in POFDR Flow for Insurance.	PARTNER	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	MATCH_LEVEL_EXPENSES	Indicates the level of the document that is compared with the PO in POFDR Flow for Expenses.	PARTNER	Y	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	AUTO_SUBMIT_RECEIPT	Y/N indicator to automatically submit for physical receipt if no discrepancy is found during NF validation.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

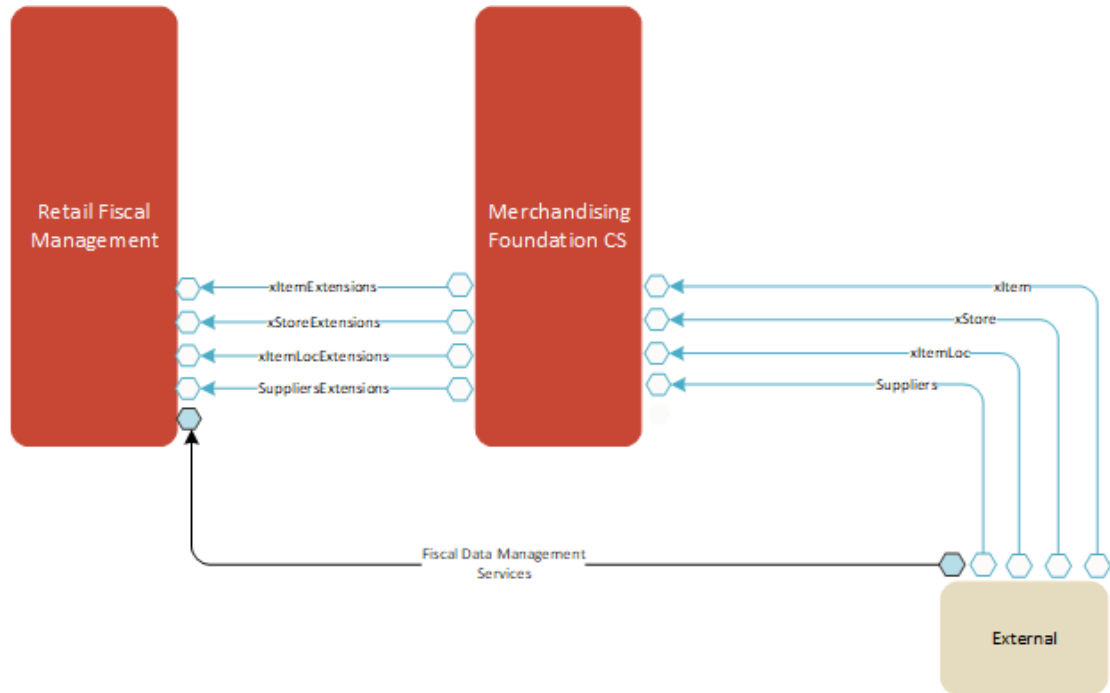
COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_RATE_COST	Indicates the percentage rate of tolerance to be applied in the comparison of item cost between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_COST	Indicates the value of tolerance to be applied in the comparison of item cost between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_DISCOUNT	Indicates the percentage rate of tolerance to be applied in the comparison of discounts between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_DISCOUNT	Indicates the value of tolerance to be applied in the comparison of discounts between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_FREIGHT	Indicates the percentage rate of tolerance to be applied in the comparison of freight cost between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VALUE_FREIGHT	Indicates the value of tolerance to be applied in the comparison of freight cost between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_INSURANCE	Indicates the percentage rate of tolerance to be applied in the comparison of insurance between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N

COUNTRY	CODE	DESCRIPTION	TEMPLATE	MANDATORY	Behavior
BR	TOLERANCE_VA LUE_INSURANCE	Indicates the value of tolerance to be applied in the comparison of insurance between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_EXPENSES	Indicates the percentage rate of tolerance to be applied in the comparison of expenses between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VA LUE_EXPENSES	Indicates the value of tolerance to be applied in the comparison of expenses between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_TAX	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_VA LUE_TAX	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: N Fiscal Reporting: N
BR	TOLERANCE_RATE_TAX_RET	Indicates the percentage rate of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N
BR	TOLERANCE_VA LUE_TAX_RET	Indicates the value of tolerance to be applied in the comparison of taxes between NF and the system for retained taxes.	PARTNER	N	System Behavior: Y Fiscal Document Use: N Tax Calculation: Y Fiscal Reporting: N

3

Integration

Retail Fiscal Management Integration Overview



Retail Fiscal Management Cloud Service integration flows comprise a set of REST services that support the configuration of fiscal attributes and the fiscal classification of items and entities. In addition to these services, the Merchandising Foundation data subscription APIs also have extensions that allow the creation of foundation data already associated with fiscal attributes. The Merchandising APIs with this extension are:

Item Subscription API: This API subscribes to items from external systems to create, update or delete items in Merchandising. It also supports the insertion of data into the Item Induction staging tables.

Item Location Subscription API: This API subscribes to item/location data from external systems to create or modify item location combinations in Merchandising. Item/location relationships are created for an item and a single location, or by using one of the levels of the organizational hierarchy.

Store Subscription API: The Store Subscription API provides the ability to keep store data in Merchandising in sync with an external system if Merchandising is not being used as the system of record for organizational hierarchy information. The store data handled by the API includes basic store data, in addition to addresses, store hours, location traits, up-charges, and walk-through stores.

Vendor Subscription API (Suppliers and Partners): Merchandising subscribes to vendor information that is published from an external financial application; however, this API is not

used by Oracle Retail Financial Integration (RFI). “Vendor” can refer to either a partner or a supplier

ReSTful Web Services

Create or Update Fiscal Attributes Service

This section describes the Fiscal Data Management Services

Functional Area

Fiscal Management

Business Overview

This service creates or updates fiscal attributes and their parameters. It is published to support the creation of user-defined fiscal attributes and includes a parameter for action with possible values of create (*NEW*) or update (*MOD*).

Service Type

Post

ReST URL

```
{{baseUrl}}/services/private/fdm/fiscalAttributes/create?action=xxx
```

Input

Parameter Name	Required	Data Type	Description	Valid values
action	Yes	String	Requested action.	NEW, MOD
attributes	Yes	List<RestRfmFdmSetFa>	Collection of Attributes.	

Table 3-1 RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
code	Yes	String	User-defined code for the attribute in snake case format. This code is normally the “name” of the attribute. For example, TAX_PAYER_TYPE	

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
camelCase	Yes	String	User-defined code for the attribute in camel case format. The camel case format is used when associating the attribute to JSON and/or XML data structures used in RFMCS. For example, taxPayerType	
label	Yes	String	Contains the name of the attribute displayed on Fiscal Data Management Screens.	
description	Yes	String	Contains the description of the attribute displayed on Fiscal Data Management Screens.	
template	Yes	String	Merchandise entity with which the attribute is associated	ITEM_MASTER, ITEM_LOC, ITEM_SUPPLIER, LOCATION, SUPS, PARTNER
country	Yes	String	Country code from COUNTRY table in Merchandising	
effectiveFromDate	No	Date	Date from when the attribute is made available	
effectiveToDate	No	Date	Date until when the attribute is made available.	
systemBehavior	No	String	Indicates a system behavior is applied based on this attribute. The system behaviors associated to fiscal attributes are defined in RFMCS for each workflow/transaction. This parameter is used as a filter for these behaviors to be applied.	Y or N

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
fiscalDocumentUse	No	String	Indicates the attribute is used in fiscal reporting scenarios as additional information to be included. RFMCS data is made available for fiscal reporting and fiscal attributes with this parameter and is automatically included in the set of data to be exposed.	Y or N
taxCalculation	No	String	Indicates the attribute is used in tax calculation scenarios as additional information to be included. The tax calculation scenario under the scope of RFMCS automatically fetches fiscal attributes with this parameter and includes in the tax request payloads made available for taxation integration.	Y or N
fiscalReporting	No	String	Indicates the attribute is used in fiscal reporting scenarios as additional information to be included. RFMCS data is made available for fiscal reporting and fiscal attributes with this parameter and is automatically included in the set of data to be exposed.	Y or N
userDefinedInd	No	String	Indicates the attribute is user-defined.	Y or N

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
groupCode	Yes	String	Code from the group code list. It is used to group attributes on Fiscal Data Management screens	1 – Fiscal Codes, 2 – System Behavior, 3 – Tax Inscriptions, 4 – User defined
screenSeq	Yes	Number	The numeric sequence used to order the fiscal attributes on Fiscal Data Management screens. It is recommended to extract the existing attributes, if any, before determining the sequence of new attributes.	
mandatory	Yes	String	Indicates the attribute is mandatory. All mandatory attributes are required to be included in the association to entities or items for them to be considered ready to use or to be displayed with the green status of “with attributes” on Fiscal Data Management screens.	Y or N
dataType	Yes	String	Attribute data type	VARCHAR, NUMBER, DATE
dataLength	Yes	String	Attribute data length	
attributeType	No	String	Attribute type to indicate if the attribute has a list of values or if it has a fixed value:	DATALIST: list of codes provided externally (NCM, CEST codes) FIXVALUE: value to be informed that doesn't belong to any list

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
listSource	No	String	If the attribute type is <code>DATALIST</code> , the source of the list must be included in this parameter.	<code>MFCS</code> (when the list is a table/column in Merchandising), <code>INTERNAL</code> (when the list has a set of codes defined internally for the application), <code>EXTERNAL</code> (when the list has a set of codes provided by external sources such as legal authorities or third-party partners)
listCode	No	String	If the attribute type is <code>DATALIST</code> , and the list source is <code>INTERNAL</code> or <code>EXTERNAL</code> , the list name must be included in this parameter. The content of the list of values is managed by the Create and Modify Fiscal Attribute List service.	
listTableName	No	String	If the attribute type is <code>DATALIST</code> and the list source is <code>MFCS</code> , this parameter must have the name of the Merchandising table from which the list of values is fetched.	

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
listCodeColumn	No	String	If the attribute type is <code>DATALIST</code> and the list source is <code>MFCS</code> , this parameter must have the name of the column from the Merchandising table included.	
listDescColumn	No	String	If the attribute type is <code>DATALIST</code> and the list source is <code>MFCS</code> , this will indicate the table column name from where the attribute description is fetched in the Merchandising database.	
parentAttribCode	No	String	Code of the parent attribute. This parameter allows the association between attributes in a hierarchical mode. Attributes with this association depend on the parent attribute to be selected for the child attribute to be applied on Fiscal Data Management Screens.	
functionValidation	No	String	Name of the function which has validation logic to be applied during the fiscal classification while choosing the attribute. This parameter allows only a pre-defined set of functions to be included. Anything different from those functions is ignored. Refer to the “List of Functions Available for the <code>functionValidationParameter</code> ” table for a list of available functions.	

Table 3-1 (Cont.) RestRfmFdmSetFa

Parameter Name	Required	Data Type	Description	Valid values
levelValidation	No	String	SQL condition to be executed to allow the selection of the attribute. For example, ATTRIBUTE1 = 'Y'. In this case, the attribute being configured is available for the fiscal classification only if another attribute name ATTRIBUTE1 has the value Y already present in the current item or entity. Only simple condition rules are supported for this parameter. The validation for this parameter considers a query for the item/entity being classified and a WHERE clause where the content of this attribute is executed.	
uniqueInd	Yes	String	Indicates the attribute value is unique and cannot be repeated in any item or entity. It is possible that the same attribute may be repeated for the same item/entity with different values, but if this parameter is set to Y (yes) only one value is allowed for the attribute to a given item/entity.	Y or N

Table 3-2 List of Functions Available for the functionValidation Parameter

Function Name	Country	Description
rfm_fdm_val_fiscal_content_sql.vali date_cnpj_digit	BR	Digit calculation for BR corporate taxpayer ID
rfm_fdm_val_fiscal_content_sql.vali date_cpf_digit	BR	Digit calculation for BR individual taxpayer ID

Table 3-2 (Cont.) List of Functions Available for the functionValidation Parameter

Function Name	Country	Description
rfm_fdm_val_fiscal_content_sql.vali date_ie	BR	Digit calculation for state inscription ID based on Fiscal Address
rfm_fdm_val_fiscal_content_sql.vali date_ie_ac	BR	Digit calculation for state inscription in the state of Acre-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_al	BR	Digit calculation for state inscription in the state of Alagoas-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_am	BR	Digit calculation for state inscription in the state of Amazonas-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ap	BR	Digit calculation for state inscription in the state of Amapa-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ba	BR	Digit calculation for state inscription in the state of Bahia-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ce	BR	Digit calculation for state inscription in the state of Ceara-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_df	BR	Digit calculation for state inscription in the Federal District-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_es	BR	Digit calculation for state inscription in the state of Espirito Santo-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_go	BR	Digit calculation for state inscription in the state of Goias-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ma	BR	Digit calculation for state inscription in the state of Maranhao-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_mg	BR	Digit calculation for state inscription in the state of Minas Gerais-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ms	BR	Digit calculation for state inscription in the state of Mato Grosso do Sul-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_mt	BR	Digit calculation for state inscription in the state of Mato Grosso-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_pa	BR	Digit calculation for state inscription in the state of Para-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_pb	BR	Digit calculation for state inscription in the state of Paraiba-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_pe	BR	Digit calculation for state inscription in the state of Pernambuco-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_pi	BR	Digit calculation for state inscription in the state of Piaui-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_pr	BR	Digit calculation for state inscription in the state of Parana-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_rj	BR	Digit calculation for state inscription in the state of Rio de Janeiro-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_rn	BR	Digit calculation for state inscription in the state of Rio Grande do Norte-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_ro	BR	Digit calculation for state inscription in the state of Rondonia-BR

Table 3-2 (Cont.) List of Functions Available for the functionValidation Parameter

Function Name	Country	Description
rfm_fdm_val_fiscal_content_sql.vali date_ie_rr	BR	Digit calculation for state inscription in the state of Roraima-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_rs	BR	Digit calculation for state inscription in the state of Rio Grande do Sul-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_sc	BR	Digit calculation for state inscription in the state of Santa Catarina-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_se	BR	Digit calculation for state inscription in the state of Sergipe-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_sp	BR	Digit calculation for state inscription in the state of Sao Paulo-BR
rfm_fdm_val_fiscal_content_sql.vali date_ie_to	BR	Digit calculation for state inscription in the state of Tocantins-BR

JSON Input Structure

```
{
  "code": "ABRANGENCIA",
  "camelCase": "abrangencia",
  "label": "Abrangencia",
  "description": "Abrangencia do Item (valido: N - Nacional; E - Estadual; M - Municipal",
  "template": "ITEM_MASTER",
  "country": "BR",
  "availabilityStatus": "ACTIVE",
  "effectiveFromDate": "2023-05-16T00:00:00.000Z",
  "effectiveToDate": "",
  "systemBehavior": null,
  "fiscalDocumentUse": null,
  "taxCalculation": null,
  "fiscalReporting": null,
  "userDefinedInd": "N",
  "groupCode": "1",
  "screenSeq": "14",
  "required": "Y",
  "mandatory": "Y",
  "dataType": "VARCHAR",
  "dataLength": "1",
  "attributeType": "DATALIST",
  "listSource": "FDM",
  "listCode": "itemAbrangenciaList",
  "listTableName": null,
  "listCodeColumn": null,
  "listDescColumn": null,
  "parentAttribCode": "",
  "functionValidation": "",
  "levelValidation": ""
}
```

```
"uniqueInd": "Y"
}"
```

Output

Parameter Name	Data Type	Description
status	String	Status of the processing executed: E (ERROR) or S (SUCCESS).
errors	List<RestRfmFdmError>	Collection of errors.

Table 3-3 RestRfmFdmError

Parameter Name	Data Type	Description
errorCode	String	This field contains the error code.
errorDesc	String	This field contains the error description.

JSON Structure

```
"{
  "status": "S",
  "errors": null
}"
```

Table Impact

TABLE	SELECT	INSERT	UPDATE	DELETE
RFM_FDM_SET_FA	Yes	Yes	Yes	No
COUNTRY	Yes	No	No	No
RFM_FDM_LIST	Yes	No	No	No

Create or Update Fiscal Attribute Lists Service

Functional Area

Fiscal Management

Business Overview

The processFiscalAttrList service creates or updates the valid list of codes associated with a previously created fiscal attribute.

The service has a parameter for action with the possible values create (NEW) or update (MOD).

Service Type

Post

ReST URL

```
{{baseUrl}}/services/private/fdm/fiscalAttributesLists/create?
action=xxx
```

Input

Parameter Name	Required	Data Type	Description	Valid values
action	Yes	String	Requested action.	NEW, MOD
attributes	Yes	List<RestRfmFdmList >	Collection of Attributes List.	

Table 3-4 RestRfmFdmList

Parameter Name	Required	Data Type	Description	Valid values
codeType	Yes	String	Indicates the code of the list. This is the same code included in the Fiscal Attributes Creation service in the parameter listCode.	
code	Yes	String	Indicates the code of the attribute value in the list. If the list has values from 1 to 10, this parameter holds the value 1 and it is repeated up to 10.	
codeDesc	Yes	String	Contains the description of the value informed.	
codeSeq	Yes	Number	Contains the numeric sequence of the values in the list. This parameter always starts with 1 and goes up to the last value created.	

Table 3-4 (Cont.) RestRfmFdmList

Parameter Name	Required	Data Type	Description	Valid values
parentCodeType	No	String	Name of the parent list code. This parameter allows the association between attribute lists in a hierarchical mode. Lists with this association depend on the parent list selected for the child list to be applied on Fiscal Data Management Screens.	
parentCode	No	String	Code of the parent list value. This parameter allows the association between list values in a hierarchical mode. Attributes with this association depend on the parent list value selected for the child attribute to be applied on Fiscal Data Management Screens.	
userDefined	Yes	String	Indicates the attribute is user-defined.	Y or N
effectiveFromDate	No	OffsetDateTime	Date from when the attribute is made available.	
effectiveToDate	No	OffsetDateTime	Date until when the attribute is made available.	

JSON Input Structure

```
"{
  "codeType": "itemAbrangenciaList",
  "code": "H",
  "codeDesc": "Test Doc FDM Services",
  "codeSeq": 4,
  "parentCodeType": "",
  "parentCode": "",
  "userDefinedInd": "N",
  "effectiveFromDate": "2023-05-16T13:25:23.525Z",
  "effectiveToDate": "2023-05-16T13:25:23.525Z"
}"
```

Output

Parameter Name	Data Type	Description
status	String	Status of the processing executed: E (ERROR) or S (SUCCESS).
errors	List<RestRfmFdmError>	Collection of errors.

Table 3-5 RestRfmFdmError

Parameter Name	Data Type	Description
errorCode	String	This field contains the error code.
errorDesc	String	This field contains the error description.

JSON Structure

```
"{
  "status": "S",
  "errors": null
}"
```

Table Impact

TABLE	SELECT	INSERT	UPDATE	DELETE
RFM_FDM_LIST	Yes	Yes	Yes	No

Fiscal Reclassification Request Service

Functional Area

Fiscal Management

Business Overview

This service performs fiscal classification or reclassification.

It associates fiscal attributes with items and entities and has a parameter for the requested source with the possible values MFCS, UI and Webservice

Service Type

Post

ReST URL

```
{{baseUrl}}/services/private/fdm/reclass/create?requestSource=xxx
```

Input

Parameter Name	Required	Data Type	Description	Valid values
requestSource	Yes	String	Reclass origin: MFCS - Indicates the reclass came from RIB, UI - Reclass came from FDM UI, Webservice - Reclass came from webservice call.	MFCS, UI and Webservice.
attributes	Yes	List<RestRfmFdmFiscRecl>	Collection of SVC_RFM_FISCAL_RECLASS data.	

Table 3-6 RestRfmFdmFiscRecl

Parameter Name	Required	Data Type	Description	Valid values
reclassId	Yes	Number	For modify or delete actions, the referenced reclass ID must be sent. Not required for new records.	
seqNo	Yes	Number	For modify or delete actions, the referenced reclass sequence number must be sent. Not required for new records.	
reclassAction	Yes	String	Drives the process of the service in FDM. NEW – Add new records, MOD – Update existing records, DEL – delete existing records (only non-processed records)	NEW MOD DEL
reclassTemplate	Yes	String	Determines the structure with which the attribute is made available. Valid values:	ITEM_MASTER, ITEM_LOC, ITEM_SUPPLIER, LOCATION, SUPS, PARTNER
country	Yes	String	Country code from COUNTRY table in Merchandising	

Table 3-6 (Cont.) RestRfmFdmFiscRecl

Parameter Name	Required	Data Type	Description	Valid values
item	No	String	For ITEM_MASTER: this key must have the item code For ITEM_LOC: this key must have the item code For ITEM_SUPPLIER: this key must have the item code For LOCATION: not applied For SUPS: not applied For PARTNER: not applied	
loc	No	String	For ITEM_MASTER: not applied For ITEM_LOC: not applied For ITEM_SUPPLIER: not applied For LOCATION: this key must have the location code For SUPS: not applied For PARTNER: not applied	
locType	Yes	String	For ITEM_MASTER: not applied For ITEM_LOC: this key must have the location type (S, W) For ITEM_SUPPLIER: not applied For LOCATION: this key must have the location type (S, W) For SUPS: not applied For PARTNER: not applied	

Table 3-6 (Cont.) RestRfmFdmFiscRecl

Parameter Name	Required	Data Type	Description	Valid values
sup	No	String	For ITEM_MASTER: not applied For ITEM_LOC: not applied For ITEM_SUPPLIER: not applied For LOCATION: not applied For SUPS: this key must have the supplier site code For PARTNER: not applied	
partner	No	String	For ITEM_MASTER: not applied For ITEM_LOC: not applied For ITEM_SUPPLIER: not applied For LOCATION: not applied For SUPS: not applied For PARTNER: this key must have the partner code	
partnerType	No	String	For ITEM_MASTER: not applied For ITEM_LOC: not applied For ITEM_SUPPLIER: not applied For LOCATION: not applied For SUPS: not applied For PARTNER: this key must have the partner type	
attribute	Yes	String	Attribute code. Must be an existing and active attribute.	
attribValue	Yes	String	Attribute value. Must be an existing and active attribute value.	
startDate	Yes	String	Date from when the attribute association is made available	

Table 3-6 (Cont.) RestRfmFdmFiscRecl

Parameter Name	Required	Data Type	Description	Valid values
endDate	No	String	Date from when the attribute association is made available	

JSON Input Structure

```
"{
  "reclassAction": "NEW",
  "reclassStatus": "N",
  "country": "BR",
  "reclassTemplate": "SUPS",
  "item": "100000260",
  "loc": null,
  "locType": null,
  "sup": 790011,
  "partner": null,
  "partnerType": null,
  "attribValue": "S",
  "attribute": "PESSOA_JURIDICA",
  "startDate": "2023-05-16",
  "endDate": ""
}"
```

Output

Parameter Name	Data Type	Description
status	String	Status of the processing executed: E (ERROR) or S (SUCCESS).
errors	List<RestRfmFdmError>	Collection of errors.

Table 3-7 RestRfmFdmError

Parameter Name	Data Type	Description
errorCode	String	This field contains the error code.
errorDesc	String	This field contains the error description.

JSON Structure

```
"{
  "status": "S",
  "errors": null
}"
```

Table Impact

TABLE	SELECT	INSERT	UPDATE	DELETE
SVC_RFM_FDM_FISCAL_RECLASS	Yes	Yes	Yes	Yes
RFM_WFLW_ERR	Yes	No	No	No

Fiscal Attributes Request Service

Functional Area

Finance

Business Overview

This service exports fiscal classification data for items and entities.

Service Type

Get

ReST URL

```
{{baseUrl}}/services/private/fdm/fiscalAttributes/get?
entity=<string>&country=<string>&groupCode=<string>
```

Input Parameters

Parameter Name	Required	Data Type	Description	Valid values
entity	Yes	String	Template of fiscal attribute association	ITEM_MASTER, ITEM_LOC, ITEM_SUPPLIER, LOCATION, SUPS, PARTNER
country	No	String	Country ID.	
groupCode	No	Number	Group code for fiscal attributes.	

Output

Parameter Name	Data Type	Description
code	String	User-defined code for the attribute in snake case format.
camelCase	String	User-defined code for the attribute in camel case format.

Parameter Name	Data Type	Description
label	String	Attribute label displayed on FDM screens.
description	String	Attribute label displayed on FDM screens.
template	String	Merchandise entity with which the attribute is associated.
country	String	Country code from COUNTRY table in Merchandising.
effectiveFromDate	OffsetDateTime	Date from when the attribute is made available.
effectiveToDate	OffsetDateTime	Date until when the attribute is made available.
systemBehavior	String	Indicates the attribute has an impact on a specific system behavior or functionality.
fiscalDocumentUse	String	Indicates the attribute is used in fiscal document generation processes as additional information to be included.
taxCalculation	String	Indicates the attribute is used in tax calculation scenarios as additional information to be included.
fiscalReporting	String	Indicates the attribute is used in fiscal reporting scenarios as additional information to be included.
userDefinedInd	String	Indicates the attribute is user-defined
groupCode	String	Code from the group code list. It is used to group attributes on FDM screens.
screenSeq	Number	Numeric sequence used to order the fiscal attributes on FDM screens.
mandatory	String	Indicates the attribute is mandatory.
dataType	String	Attribute data type.
dataLength	String	Attribute data length.
attributeType	String	Attribute type to indicate if the attribute has a list of values or if it has a fixed value.
listSource	String	Source of the list of values.
listCode	String	Name of the list of values.
listTableName	String	If the source list is MFCS, this indicates the table name in the Merchandising database.

Parameter Name	Data Type	Description
listCodeColumn	String	If the source list is MFCS, this indicates the table column name from which the attribute code is fetched in the Merchandising database.
listDescColumn	String	If the source list is MFCS, this indicates the table column name from which the attribute description is fetched in the Merchandising database.
parentAttribCode	String	Code of the parent attribute.
functionValidation	String	Name of the function that has the validation logic. This field is used for specific blocks of code applied to the attribute when being processed, created, or associated with entities during the Reclaim process.
levelValidation	String	Conditional validation rules. It is configured based on code, operator, and value.
uniqueInd	String	Indicates the attribute value is unique and cannot be repeated in any item or entity.

JSON Structure

```
{
  "code": "PESSOA_JURIDICA",
  "camelCase": "pessoaJuridica",
  "label": "Corporate Taxpayer Ind",
  "description": "Corporate taxpayer indicator.",
  "template": "SUPS",
  "country": "BR",
  "effectiveFromDateDisplay": "16-May-2023 13:58:14",
  "effectiveFromDate": 1684245494000,
  "effectiveToDate": null,
  "systemBehavior": null,
  "fiscalDocumentUse": null,
  "taxCalculation": "Y",
  "fiscalReporting": "Y",
  "userDefinedInd": "N",
  "groupCode": "1",
  "screenSeq": 1,
  "mandatory": "Y",
  "dataType": "VARCHAR",
  "dataLength": "1",
  "attributeType": "DATALIST",
  "listSource": "INTERNAL",
  "listCode": "simOuNaoLista",
  "listTableName": null,
  "listCodeColumn": null,

```

```

    "listDescColumn": null,
    "parentAttribCode": null,
    "functionValidation": null,
    "levelValidation": null,
    "uniqueInd": "N"
  }"

```

Table Impact

TABLE	SELECT	INSERT	UPDATE	DELETE
RFM_FDM_SET_FA	Yes	No	No	No
RFM_FDM_SET_FA_TL	Yes	No	No	No

Fiscal Attributes Lists Request Service

Functional Area

Finance

Business Overview

This service exports fiscal attribute lists.

Service Type

Get

ReST URL

```

{{baseUrl}}/services/private/fdm/fiscalAttributesLists/get?
template=<string>&attribCode=<string>&attribList=<string>&attribListVal
ue=<string>

```

Input Parameters

Parameter Name	Required	Data Type	Description	Valid values
template	Yes	String	Template of fiscal attribute association.	ITEM_MASTER, ITEM_LOC, ITEM_SUPPLIER, LOCATION, SUPS, PARTNER
attribCode	Yes	String	Attribute Code.	
attribList	No	String	Attribute list code.	
attribListValue	No	String	Attribute list code value.	

Output

Parameter Name	Data Type	Description
O_response	List<RestRfmFdmAttri bLst>	Collection of List.

Parameter Name	Data Type	Description
code	String	This field contains the code used in Oracle Retail which can be decoded.
code_desc	String	This field contains the description associated with the code and code type.
Label	String	Field label for screen representation (UI).

Table 3-8 RestRfmFdmAttribLst

Parameter Name	Required	Data Type	Description
codeType	Yes	String	Indicates the code of the list. This is the same code included in the Create or Update Fiscal Attributes Service parameter <code>listCode</code> .
code	Yes	String	Indicates the code of the attribute value in the list. If the list has values from 1 to 10, this parameter holds the value 1 and it is repeated up to 10.
codeDesc	Yes	String	Contains the description of the value informed.
codeSeq	Yes	Number	Contains the numeric sequence of the values in the list. This parameter always starts with 1 and goes up to the last value created.
parentCodeType	No	String	Name of the parent list code. This parameter allows the association between attribute lists in a hierarchical mode. Lists with this association depend on the parent list selected for the child list to be applied on Fiscal Data Management Screens.
parentCode	No	String	Code of the parent list value. This parameter allows the association between list values in a hierarchical mode. Attributes with this association depend on the parent list value selected for the child attribute to be applied on Fiscal Data Management Screens.
userDefinedInd	Yes	String	Indicates the attribute is user-defined.

Table 3-8 (Cont.) RestRfmFdmAttribLst

Parameter Name	Required	Data Type	Description
effectiveFromDate	No	OffsetDateTime	Date from when the attribute is made available.
effectiveToDate	No	OffsetDateTime	Date until when the attribute is made available.

JSON Structure

```
"[
  {
    "codeType": "yesOrNoList",
    "code": "Y",
    "codeDesc": "Yes",
    "codeSeq": 1,
    "parentCodeType": "yesOrNoList",
    "parentCode": "Y",
    "userDefinedInd": "N",
    "effectiveFromDateDisplay": "11-Jul-2023 19:58:00",
    "effectiveFromDate": 1689105480000,
    "effectiveToDate": null
  },
  {
    "codeType": "yesOrNoList",
    "code": "N",
    "codeDesc": "No",
    "codeSeq": 2,
    "parentCodeType": "yesOrNoList",
    "parentCode": "N",
    "userDefinedInd": "N",
    "effectiveFromDateDisplay": "11-Jul-2023 19:58:00",
    "effectiveFromDate": 1689105480000,
    "effectiveToDate": null
  }
]"
```

Table Impact

TABLE	SELECT	INSERT	UPDATE	DELETE
RFM_FDM_SET_FA	Yes	No	No	No
RFM_FDM_SET_FA_TL	Yes	No	No	No
RFM_FDM_LIST	Yes	Yes	No	No
RFM_FDM_LIST_TL	Yes	No	No	No
SVC_RFM_FDM_FISCAL_RECLASS	Yes	Yes	No	No
RFM_FDM_ATTRIB_ITEM	Yes	No	Yes	No

Batch Processes

rfmfdmreclass_job

Module Name	rfmfdmreclass_job
Description	The script calls the RFM in order process all fiscal reclass records in status <code>NEW</code> or <code>PENDING</code> .
Functional Area	Rfm
Module Type	Admin – Ad hoc
Module Technology	Background Processing
Catalog ID	
Wrapper Script	rfmfdmreclass.ksh

Schedule

Oracle Retail Merchandising Batch Schedule

Design Overview

This batch processes fiscal reclassification records in RFM for entities and/or item attributes until all steps have been completed. The batch also accounts for the necessary steps to complete the reclassification process, such as verifying the accuracy of the data, executing the necessary validations, and applying the changes to the system. The batch execution will be completed once the reclassification process is complete, whether it is successful or unsuccessful.

Restart/Recovery

N/A

Key Tables Affected

TABLE	SELECT	INSERT	UPDATE	DELETE
SVC_RFM_FDM_FISCAL_RECLASS	Yes	No	No	No
RFM_WFLW_SET	Yes	No	No	No
RFM_WFLW_SET_VAR	Yes	No	No	No
RFM_WFLW_EXEC_VAR	Yes	No	No	No
RFM_WFLW_SET_ACTION	Yes	No	No	No
RFM_WFLW_ERR	No	Yes	No	No
RFM_WFLW_EVE_LOG	No	Yes	No	No
RFM_WFLW_STA_LOG	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_ITEM	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_ITEMLOC	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_ITEMSUPP	Yes	Yes	Yes	No

TABLE	SELECT	INSERT	UPDATE	DELETE
RFM_FDM_ATTRIB_LOCATION	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_ORDCUST	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_PARTNER	Yes	Yes	Yes	No
RFM_FDM_ATTRIB_SUPPLIER	Yes	Yes	Yes	No

Design Assumptions

N/A

4

Globalization

Translations

Retail Fiscal Management supports operating the user interface in 19 languages, including English. As part of the setup of Merchandising Services, one language was designated as "primary". This primary language is how labels and data are displayed by default to users, what is held in the base tables for data entities, and what is used in the integration with other systems. The primary language is loaded as a default for all screen labels, error messages, and seeded data in Retail Fiscal Management at the time of installation. By default, only the primary language you indicated at installation is loaded in Retail Fiscal Management. If you wish to have more languages loaded, you can request the language strings be loaded for those languages as well.

In addition to English, the supported languages in the user interface for Retail Fiscal Management include:

- Arabic
- Chinese (Simplified)
- Chinese (Traditional)
- Croatian
- Dutch
- French
- German
- Greek
- Hungarian
- Italian
- Japanese
- Korean
- Polish
- Portuguese
- Portuguese (Brazil)
- Russian
- Spanish
- Swedish
- Turkish

All screen labels, error messages, and menu options are supported out of the box in these languages and users can select from these languages as their preferred language. Data translation is also supported to allow data that you create as part of your implementation,

such as user-defined fiscal attributes and lists of values, to be viewed in the preferred languages of your users as well.

Translate Labels and Seeded Data

If you would like to modify the translations for labels and error messages or add translations for other languages¹ that are not included in the list above, you can leverage the Resource Bundle feature for RFM in Retail Home.

Resource Bundles

Screen labels and other UI-related data that may require updates/additions for Merchandising are managed in resource bundles. For details on how to make updates to resource bundles see the "Resource Bundles" section of the *Oracle Retail Home Administration Guide*.

Configure User Language

Retail Fiscal Management displays the screens and data based on the primary language, but users can configure their preferred language as part of their user preferences in IDCS or IAM.

RFM uses these preferences to set the proper language the user sees while entering information into the system.

Not Translated

The following information is available in English only:

- Documentation, including online help, release notes, and product guides
- Batch programs and messages
- Log files
- Configuration tools
- Demonstration data
- Training materials

¹ Additional support is also available for the following languages by adding your own translations using the tools described in this section: Czech, Danish, Finnish, Hebrew, Norwegian, Thai, Albanian, Latin Bosnian, Bulgarian, Estonian, Latvian, Cyrillic Serbian, Lithuanian, Romanian, Slovakian, and Slovenian.