

# Oracle® Financial Services Data Foundation Cloud Service for Banking DFCS Integration with PBSMCS for ADS User Guide



Release 25D  
G44324-04  
December 2025

ORACLE®

G44324-04

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# 1

## About This Guide

This section provides supporting information for the Oracle Data Foundation Cloud Services for Banking (DFCS).

### Audience

This document contains release information of Oracle Data Foundation Cloud Services for Banking (DFCS).

### Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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### Related Resources

- [Data Foundation for Banking](#)

### Conventions

The following text conventions are used in this document.

| Convention      | Meaning  |
|-----------------|--|
| <b>boldface</b> | 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.                          |
| monospace       | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

# 2

## Get Help in the Applications

Use help icons to access help in the application.

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

# 3

## Welcome to Oracle Cloud

Oracle Cloud is the industry's broadest and most integrated cloud provider, with deployment options ranging from the public cloud to your data center. Oracle Cloud offers best-in-class services across Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS).

### 3.1 Supported Web Browsers

Oracle Financial Services Accounting Foundation Cloud supports the latest version of the following major browsers:

- Google Chrome
- Microsoft Edge
- Mozilla Firefox

For more details, see [Oracle Software Web Browser Support Policy](#). When sharing a link to a document or folder, users of Microsoft Edge need to use the **Show Link** button and copy the link shown in the dialog.

# 4

## Order Oracle Cloud Applications

You can order Oracle Cloud Applications (Software as a Service) offerings by contacting Oracle Sales. After your order is processed, you can then activate your services.

To order a subscription to Oracle Cloud Applications:

1. Go to the [Oracle Financial Services Risk and Finance solutions](#) page.
2. Scroll down and select **Data Foundation**.
3. Review the features and capabilities of the service and read the Datasheet.
4. When you are ready to order, scroll up and click **Request a Demo**.
5. You can either write an Email or click **Request Now** to receive a call from Sales.
6. Enter your Business Email, select the confirmation check box, and click **Continue**.
7. Describe of your need and click **Request Now**.

Later, after you have worked with Oracle Sales to order the Oracle Cloud Application best suited to your requirements, you will receive an email, which contains a link you can use to activate the service you have ordered.

# 5

## Introduction

The Oracle Financial Services Data Foundation Cloud Service (DFCS) for Banking offers a data management platform tailored to meet both internal and regulatory data requirements for banks. It includes a comprehensive data catalog designed to support key analytical use cases across finance, risk, and compliance domains. DFCS acts as unified sourcing layer for finance, risk, and compliance consumption use cases.

Application Data Service (ADS) in DFCS facilitates seamless data transfer between DFCS and other Oracle Applications. ADS is designed to streamline and simplify data sourcing for downstream use cases. It also provides capabilities to produce a unified results data layer by sourcing output of downstream use cases into DFCS.

Oracle Financial Services Profitability and Balance Sheet Management Cloud Service (PBMCS) helps Institutions measure and manage profitability at the lowest level of detail, the account level, and allows for a rollup of profitability results across any dimension.

This guide explains how to use the Application Data Service (ADS) in the Profitability and Balance Sheet Management Cloud Service (PBMCS). It provides details on data integration between DFCS and PBMCS. Currently, ADS supports *ONLY* source data supply from DFCS to PBMCS. In the future releases, ADS will also support importing results data from PBMCS into DFCS.

ADS is defined using:

- Application Glossary
- Glossary Mapping - business term mapping between application glossary and DFCS glossary, and
- Domain-specific ADS connectors.



# 6

## Application Glossary

The PBSMCS glossary defines the logical attributes (or business terms) in PBSMCS. As a core part of the ADS, it describes both the input data required by PBSMCS and the output it generates. The glossary consists of around 30 entities and approximately 800 business terms, such as 'Account or Contract Number' and 'Interest Accrued Amount' within the FSI Assets entity.

# 7

## Application Glossary Mapping to Data Foundation

The PBSMCS Glossary Mapping connects PBSMCS business terms with DFCS business terms, creating a logical translation layer between PBSMCS and DFCS. This mapping ensures that terms used in PBSMCS are accurately aligned with those in DFCS. It serves as a reference document to maintain consistency in business term mappings across connectors.

There are 3 types of mappings that are provided out-of-the-box.

- Direct Mapping
- List-of-Value (LoV) Mapping
- Expression Mapping

### 7.1 Direct Mapping

Direct mappings are the most common type, where a business term in PBSMCS has the same name or similar name as in DFCS. Mapped business terms have compatible data type and have the same list-of-values (LoV), if any. There are ~750 direct mappings identified between PBSMCS and DFCS business terms.

Example:

**Table 7-1 Direct Mapping Table**

| PBSMCS          | DFCS              |
|-----------------|-------------------|
| Branch ID       | Branch Identifier |
| Collateral Code | Mitigant Code     |

### 7.2 List of Values (LOV) Mapping

List of Values (LoV) mappings are used when a value for a business term in the source needs to be mapped to a different value in the target. Since, LoVs are well-defined for source and target business terms, DFCS allows a mapping of LoVs to be maintained between source and target business terms. Thus, it ensures that the data conforms to the specific set of allowed values in the target system. For PBSMCS, there are ~20 LoV mappings.

The first kind of LoV mapping between DFCS and PBSMCS is that is pre-defined (seeded) within DFCS. An LOV from a business term in DFCS is automatically mapped to a business term in PBSMCS. The user does not need to take any action.

**Table 7-2 Type 1 – Pre-defined Mapping between Source Data and PBSMCS**

| Source Business Term Code         | Source Business Term Name         | PBSMCS Business Term Code    | PBSMCS Business Term Name |
|-----------------------------------|-----------------------------------|------------------------------|---------------------------|
| Day Count Indicator               | Day Count Indicator Name          | Accrual Basis Code           | Accrual Basis Name        |
| Interest Rate Type                | Interest Rate Type Name           | Adjustable Type Code         | Adjustable Type Name      |
| Amortization Type                 | Amortization Type Name            | Amortization Type Code       | Amortization Type Name    |
| Behavior Type                     | Behavior Type Name                | Behavior Type Code           | Behavior Type Name        |
| Scenario Code                     | Scenario Name                     | Consolidation Code           | Consolidation Name        |
| Credit Status Code                | Credit Status Name                | Credit Status Code           | Credit Status Name        |
| Income Documentation Program Code | Income Documentation Program Name | Documentation Code           | Documentation Name        |
| Lien Position Code                | Lien Position Name                | Lien Position Code           | Lien Position Name        |
| Mortgage Occupancy Code           | Mortgage Occupancy Name           | Occupancy Code               | Occupancy Name            |
| Option Type                       | Option Type Description           | Option Type Code             | Option Type Name          |
| Payment Type Code                 | Payment Type Name                 | Payment Type Code            | Payment Type Name         |
| Dimension Code                    | Dimension Name                    | Dimension Numeric Identifier | Dimension Name            |

**Table 7-3 Example of Type 1 LoV Mapping:**

| Source - Interest Rate Type | Source - Interest Rate Type Name | PBSMCS - Adjustable Type Code | PBSMCS- Adjustable Type Name |
|-----------------------------|----------------------------------|-------------------------------|------------------------------|
| Source - Interest Rate Type | Source - Interest Rate Type Name | PBSMCS - Adjustable Type Code | PBSMCS- Adjustable Type Name |
| Fixed Rate                  | Fixed Rate                       | FIX                           | Fixed Rate                   |
| Floating Rate               | Floating Rate                    | FLOAT                         | Floating Rate                |
| Other Adjustable            | Other Adjustable                 | OTH_ADJ                       | Other Adjustable             |
| Repricing Pattern           | Repricing Pattern                | REP_PAT                       | Repricing Pattern            |
| Tier Rate                   | Tier Rate                        | TIER_RATE                     | Tiered Balance Interest Rate |

**User Specified Mapping between Source Data and PBSMCS**

This is performed through a mapping table that refers to e.g. Account Status Code as Application Service Status Code. In Glossary Mapping and Connector Mapping for ADS, you will see mapping between Account Status Code (PBSMCS) to Application Service Account Status Code (DFCS).

**Table 7-4 Type 2 – User Specified Mapping between Source Data and PBSMCS**

| Source Business Term Code | Source Business Term Name                | PBSMCS Business Term Code | PBSMCS Business Term Code | Mapper Name  |
|---------------------------|--|---------------------------|---------------------------|--|
| Account Status Code       | Application Service Account Status Name  | Account Status Code       | Account Status Name       | Mapper Base for Account Status Code in Profitability and Balance Sheet Planning  |
| Party Type                | Application Service Party Type Name      | Customer Type Code        | Customer Type Name        | Mapper Base for Customer Type Code in Profitability and Balance Sheet Planning   |
| Account Purpose Code      | Application Service Account Purpose Name | Purpose Code              | Purpose Name              | Mapper Base for Purpose Code in Profitability and Balance Sheet Planning         |
| Product Code              | Application Service Product Name         | Instrument Type Code      | Instrument Type Name      | Mapper Base for Instrument Type Code in Profitability and Balance Sheet Planning |

**Table 7-5 Example of Type 2 LoV Mapping:**

| DFCS – Behavior Sub Type | DFCS – Behavior Sub Type | PBSMCS – Behavior Type Code | PBSMCS- Behavior Type Code |
|--------------------------|--------------------------|-----------------------------|----------------------------|
| D1                       | Doubtful 1               | NP                          | Non-Performing             |
| D2                       | Doubtful 2               | NP                          | Non-Performing             |
| D3                       | Doubtful 3               | NP                          | Non-Performing             |
| DBTFL                    | Doubtful                 | NP                          | Non-Performing             |
| DR                       | Devolvement and Recovery | DR                          | Devolvement and Recovery   |
| LOSS                     | Loss                     | NP                          | Non-Performing             |
| NM                       | Non-Maturity             | NM                          | Non-Maturity               |
| S                        | Standard                 | NP                          | Non-Performing             |
| SPECMEN                  | Special Mention          | NP                          | Non-Performing             |
| SUBSTRD                  | Substandard              | NP                          | Non-Performing             |

In the above example the LOV mapping will be executed via a mapper.

The user provides mapping for 4 dimension-related business terms. The user runs SCD as part Dim population Pipeline to ensure history is captured.

The below example is for Account Status Code (PBSMCS) to Account Status Code (DFCS) mapping which the user must upload.

## 7.3 Expression Mapping

**Expression mappings** use formulas or expressions to transform source business terms into equivalent target business terms. There are **10 Expression Mappings**.

**Example:**

- Source: *Leg Type Code* in **PBSMCS**
- Target: *Leg Type Code (Expression)* in **DFCS**
- Transformation logic (expression):

```
CASE
  WHEN [Leg Type] = 1 THEN 'PAY'
  WHEN [Leg Type] = 2 THEN 'RCV'
  ELSE 'NDER'
END
```

# 8

## Application Data Service Connectors

A *Connector* is a data integration entity that defines the pipeline for data transfer from a source system (e.g., DFCS) to the target application (PBSMCS).

Key properties of a connector:

- **Connector Code and Name:** Each connector has a unique code and descriptive name for easy identification.
- **Defined Source and Target Entities:** A connector specifies the source entities and the corresponding target entity.
- **Business Terms Mapping:** It includes direct and derived mappings of business terms between source and target.
- **Direct Mapping:** The most frequently used mapping type is a direct mapping, where a PBSM business term corresponds exactly or closely to a matching term in DFCS.
- **Expression Mapping:** Also known as "Derived" mappings in the data files, expression mappings involve applying a specific formula or logic to translate a source business term into its target equivalent. These are used when direct or LOV mappings cannot fulfill the requirement.

PBSMCS ADS Connectors are grouped into 8 logical categories, each representing a distinct domain of data. PBSMCS will subscribe and orchestrate data movement jobs for these categories. Overall there are 35 connectors.

1. Customer
2. Dimensions
3. Exchange Rate
4. Instruments
5. Instruments Supplementary
6. Instruments Transaction Summary
7. Market Rates
8. Management Ledger

In the below tables we define some important parameters in terms of connector mappings for the above-mentioned categories.

**Table 8-1 Parameters for Connector Mapping**

| Parameters              | Connector Mapping  |
|-------------------------|--|
| # of fields             | Total count of mapped business terms mapped                                |
| # of key fields         | Count of business terms mapped as Primary Keys                             |
| # of Direct Mapping     | Count of business terms mapped as Direct                                   |
| # of Expression Mapping | Count of business terms mapped as an Expression                            |
| # of variable mapping   | Count of business terms mapped as parameters to be passed during execution |

## 8.1 Customer

This category includes **connectors that handle customer-related data**, such as attributes, classifications, relationships, and identifiers of customers who own or interact with financial products.

There are 2 **Entities** mapped under the customer category.

### 1. Stage Customer

- **Key attributes marked as Primary Keys (PK):** Party Identifier, As Of Date
- **Execution Parameters (variable mappings):**
  - Input File Name
  - Load Identifier
  - Data File Specifications ID

### 2. Stage Customer Hierarchy

- **Key attributes marked as Primary Keys (PK):** As Of Date, Hierarchy Code, Parent Code, Child Code
- **Execution Parameters (variable mappings):**
  - Version Number (default = 1)
  - Input File Name
  - Load Identifier
  - Data File Specifications ID

#### Note

There are no LOV mappings in this category.

**Table 8-2 List of connectors in this category is listed below**

| # | Connector Name | Data Foundation Entity | PBSMCS Entity              | # of fields | # of key fields | # of Direct Mapping | # of variable mapping |
|---|----------------|------------------------|----------------------------|-------------|-----------------|---------------------|-----------------------|
| 1 | Customer       | Party                  | Staging Customer           | 10          | 2               | 5                   | 3                     |
| 2 | Customer       | Party Hierarchy        | Staging Customer Hierarchy | 11          | 4               | 3                   | 4                     |

## 8.2 Dimensions

This category defines business dimensions that provide contextual metadata to fact entities. Dimensions help in slicing and dicing data for reporting and analytical needs.

### Entities

#### 1. Stage Dimensions Hierarchy Interface

- **Primary Keys (PK):** Hierarchy Code, Parent Member Numeric Identifier, Child Member Numeric Identifier
- 2. Stage Dimensions Members Interface**
- **Primary Keys (PK):** Member Numeric Identifier
- 3. Stage Dimensions Attribute Interface**
- **Primary Keys (PK):** Member Attribute Name, Member Numeric Identifier
- 4. Stage Dimensions Translation Interface**
- **Primary Keys (PK):** Member Numeric Identifier, Multi Language Code

**Note**

There is **1 LOV mapping** in this category.

Variable mappings are **not required** for Dimensions tables, so they are not listed here.

**Table 8-3 List of connectors**

| # | Connector Name | Primary Source                     | Target                                 | # of fields | # of key fields | # of Direct Mapping | # of LOV Mapping |
|---|----------------|------------------------------------|--|-------------|-----------------|---------------------|------------------|
| 1 | Dimensions     | Preparation Dimensions Hierarchy   | Stage Dimensions Hierarchy Interface   | 8           | 3               | 4                   | 1                |
| 2 | Dimensions     | Preparation Dimensions Members     | Stage Dimensions Members Interface     | 8           | 1               | 6                   | 1                |
| 3 | Dimensions     | Preparation Dimensions Attribute   | Stage Dimensions Attribute Interface   | 5           | 2               | 2                   | 1                |
| 4 | Dimensions     | Preparation Dimensions Translation | Stage Dimensions Translation Interface | 8           | 2               | 5                   | 1                |

## 8.3 Instruments

Connectors in this category manage core financial instruments and products, such as loans, deposits, contracts, and securities, along with their terms, conditions, and balances associated with each instrument.

### Entities

For all target entities in the Instruments category:

- **Primary Keys (PK):** As Of Date, Account or Contract Number
- **Execution Parameters (variable mappings):**
  - Input File Name



- Load Identifier
- Data File Specifications ID

**Table 8-4 List of connectors in this category is listed below**

| #  | Primary Source                   | Target                  | # of fields | # of key fields | # of Direct Mapping | # of Expression Mapping | # of variable mapping | # of LOV mapping |
|----|----------------------------------|-------------------------|-------------|-----------------|---------------------|-------------------------|-----------------------|------------------|
| 1  | Stage Letter of Credit           | Stage Off Balance sheet | 91          | 2               | 80                  | 1                       | 3                     | 5                |
| 2  | Stage Borrowings                 | Stage Liability         | 135         | 2               | 121                 | 1                       | 3                     | 8                |
| 3  | Stage CASA                       | Stage Liability         | 159         | 2               | 145                 | 1                       | 3                     | 8                |
| 4  | Stage Term Deposit Contracts     | Stage Liability         | 161         | 2               | 149                 | 1                       | 3                     | 6                |
| 5  | Stage Bill Contracts             | Stage Assets            | 99          | 2               | 87                  | 1                       | 3                     | 6                |
| 6  | Stage Cards                      | Stage Assets            | 145         | 2               | 133                 | 0                       | 3                     | 7                |
| 7  | Stage Investments                | Stage Assets            | 148         | 2               | 135                 | 1                       | 3                     | 7                |
| 8  | Stage Over-Draft Contracts       | Stage Assets            | 151         | 2               | 133                 | 5                       | 3                     | 8                |
| 9  | Stage Loan Contracts             | Stage Assets            | 230         | 2               | 207                 | 8                       | 3                     | 10               |
| 10 | Stage Leases Contracts           | Stage Assets            | 167         | 2               | 147                 | 8                       | 3                     | 7                |
| 11 | Stage Foreign Exchange Contracts | Stage Derivatives       | 248         | 2               | 236                 | 1                       | 3                     | 6                |
| 12 | Stage Forward Contracts          | Stage Derivatives       | 236         | 2               | 225                 | 1                       | 3                     | 5                |
| 13 | Stage Option Contracts           | Stage Derivatives       | 271         | 2               | 259                 | 1                       | 3                     | 6                |
| 14 | Stage Swaps Contracts            | Stage Derivatives       | 275         | 2               | 264                 | 1                       | 3                     | 5                |
| 15 | Stage Commitment Contracts       | Stage Loan Commitments  | 95          | 2               | 84                  | 0                       | 3                     | 6                |

Table 8-4 (Cont.) List of connectors in this category is listed below

| #  | Primary Source                | Target            | # of fields | # of key fields | # of Direct Mapping | # of Expression Mapping | # of variable mapping | # of LOV mapping |
|----|-------------------------------|-------------------|-------------|-----------------|---------------------|-------------------------|-----------------------|------------------|
| 16 | Stage Credit Facility Details | Stage Off Balance | 29          | 2               | 14                  | 0                       | 0                     | 0                |

## 8.4 Instruments Supplementary

The following four entities are grouped under this category.

- **Stage Account Index History:** The primary key (PK) attributes are *As of Date*, *Index Value Start Date*, and *Account or Contract Number*.  
The execution parameters to be passed include *Input File Name*, *Load Identifier*, and *Data File Specifications ID*.
- **Stage Account Rate Tiers:** The primary key (PK) attributes are *As of Date*, *Account or Contract Number*, and *Account Rate Tier Name*.  
The execution parameters to be passed include *Input File Name*, *Load Identifier*, and *Data File Specifications ID*.
- **Stage Embedded Options:** The primary key (PK) attributes are *As of Date*, *Account or Contract Number*, and *Account Rate Tier Name*.  
The execution parameters to be passed include *Input File Name*, *Load Identifier*, and *Data File Specifications ID*.
- **Stage Payments Schedule:** The primary key (PK) attributes are *As of Date*, *Account or Contract Number*, *Payment Date*, *Instrument Type*, and *Leg Type*.  
The execution parameters to be passed include *Input File Name*, *Load Identifier*, and *Data File Specifications ID*.

### Note

There is 1 LOV mapping for Stage Account Rate Tiers and Stage Payments Schedule each.

Table 8-5 Stage Account Rate Tiers and Stage Payments Schedule table

| # | Connect or Name           | Primary Source              | Target                      | # of fields | # of key fields | # of Direct Mapping | # of Expression Mapping | # of variable mapping | # of LOV mapping |
|---|---------------------------|-----------------------------|-----------------------------|-------------|-----------------|---------------------|-------------------------|-----------------------|------------------|
| 1 | Instruments Supplementary | Stage Account Index History | Stage Account Index History | 10          | 3               | 3                   | 1                       | 3                     | 0                |

**Table 8-5 (Cont.) Stage Account Rate Tiers and Stage Payments Schedule table**

| # | Connect<br>or Name                   | Primary<br>Source                                | Target   | # of<br>fields | # of key<br>fields | # of<br>Direct<br>Mappin<br>g | # of<br>Express<br>ion<br>Mappin<br>g | # of<br>variable<br>mappin<br>g | # of<br>LOV<br>mappin<br>g |
|---|--------------------------------------|--|--|----------------|--------------------|-------------------------------|---------------------------------------|---------------------------------|----------------------------|
| 2 | Instrume<br>nts<br>Supplem<br>entary | Stage<br>Account<br>Rate<br>Tiers                | Stage<br>Account<br>Rate<br>Tiers                | 28             | 3                  | 21                            | 0                                     | 3                               | 1                          |
| 3 | Instrume<br>nts<br>Supplem<br>entary | Stage<br>Embedd<br>ed<br>Options<br>Schedul<br>e | Stage<br>Embedd<br>ed<br>Options<br>Schedul<br>e | 9              | 3                  | 2                             | 1                                     | 3                               | 0                          |
| 4 | Instrume<br>nts<br>Supplem<br>entary | Stage<br>Payment<br>Schedul<br>e                 | Stage<br>Payment<br>Schedul<br>e                 | 12             | 3                  | 4                             | 1                                     | 3                               | 1                          |

## 8.5 Instrument Transactions Summary

This category consists of connectors that aggregate or summarize transactions across various financial instruments. These are typically used to generate reports or provide analytics for tracking volumes, flows, or positions.

There are four entities mapped under this category:

- **Stage Liability Transactions Summary**
- **Stage Off Balance Sheet Transaction Summary**
- **Stage Fee-Based Transaction Summary**
- **Stage Asset Transaction Summary**

For all these entities, the key attributes marked as primary keys (PKs) are:

- *As of Date*
- *Account or Contract Number*
- *Common Chart of Account Code*
- *General Ledger Account Code*
- *ISO Currency Code*
- *Legal Entity Code*
- *Organization Unit Code*
- *Product Code*

The execution parameters to be passed include:

- *Input File Name*
- *Load Identifier*
- *Data File Specifications ID*

**Table 8-6 List of connectors in this category is listed below:**

| # | Connector Name                   | Primary Source                              | Target                     | # of fields | # of key fields | # of Direct Mapping | # of variable mapping |
|---|----------------------------------|---|----------------------------|-------------|-----------------|---------------------|-----------------------|
| 1 | Instruments Transactions Summary | Stage Liability Transactions Summary        | Stage Account Cost Summary | 15          | 8               | 4                   | 3                     |
| 2 | Instruments Transactions Summary | Stage Off Balance sheet Transaction Summary | Stage Account Cost Summary | 15          | 8               | 4                   | 3                     |
| 3 | Instruments Transactions Summary | Stage Fee Based Transaction Summary         | Stage Account Cost Summary | 15          | 8               | 4                   | 3                     |
| 4 | Instruments Transactions Summary | Stage Asset Transaction Summary             | Stage Account Cost Summary | 15          | 8               | 4                   | 3                     |

## 8.6 Market Rates

**Market reference data connectors** bring in essential data like interest rates, FX rates, and inflation indices, required for valuation, discounting, and financial projections.

There are two entities mapped under this category:

- **Stage IRC Rates History**
- **Stage Currency Exchange Rates**

In **Stage IRC Rates History**, the key attributes marked as primary keys (PKs) are:

- *As of Date*
- *Interest Rate Term Unit Indicator*
- *Interest Rate Term*
- *Interest Rate Code Name*
- 

The execution parameters to be passed are:

- *Input File Name*
- *Load Identifier*
- *Data File Specifications ID*
- 

In **Stage Currency Exchange Rates**, the key attributes marked as primary keys (PKs) are:

- *As Of Date*
- *Effective Date*

- *Target Currency Code*
- *Data Source Code*
- *Source Currency Code*

The execution parameters to be passed are:

- *Input File Name*
- *Load Identifier*
- *Data File Specifications ID*

**Table 8-7 List of connectors in this category is listed below:**

| # | Connector Name | Primary Source                | Target                  | # of fields | # of key fields | # of Direct Mapping | # of variable mapping |
|---|----------------|-------------------------------|-------------------------|-------------|-----------------|---------------------|-----------------------|
| 1 | Market Rates   | Stage IRC Rates               | Stage IRC Rates History | 10          | 4               | 5                   | 1                     |
| 2 | Market Rates   | Stage Currency Exchange Rates | Stage Exchange Rates    | 9           | 5               | 1                   | 3                     |

## 8.7 Management Ledger

**Management reporting data connectors** handle financial information for internal reporting, such as trial balances, financial positions, and profitability breakdowns.

There is one entity mapped under this category:

- **Stage Management Ledger**

In **Stage Management Ledger**, the key attributes marked as primary keys (PKs) are:

- *As of Date*
- *General Ledger Account Code*
- *Organization Unit Code*
- *ISO Currency Code*
- *Financial Element Code*
- *Legal Entity Code*
- *Common Chart of Account Code*
- *Product Code*

The execution parameters to be passed are:

- *Input File Name*
- *Load Identifier*
- *Data File Specifications ID*

**Table 8-8** List of connectors in this category is listed below:

| # | Connector Name    | Primary Source          | Target                  | # of fields | # of key fields | # of Direct Mapping | # of variable mapping |
|---|-------------------|-------------------------|-------------------------|-------------|-----------------|---------------------|-----------------------|
| 1 | Management Ledger | Stage Management Ledger | Stage Management Ledger | 14          | 8               | 3                   | 3                     |