

Oracle Financial Consolidation and Close Cloud Service

Loading Movement Data into FCCS

Using Data Management Mapping Scripts



Version History

Version	Date (dd / mmm / yyyy)	Modification	Author
0.1	15th / Nov / 2019	Initial document	Suresh Kumar Raje
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Contents

Introduction.....	3
The Source File.....	3
The Target FCCS Application Account Hierarchy	3
Step#1 Register the file-based source system	4
Step#2 Register the target Oracle FCCS application	5
Step#3 Create an import format based.....	5
Step#4 Define the location.....	5
Step#5 Specify Period Mapping	6
Step#6 Specify Category Mapping	6
Step#7 Define data load mapping	6
Step#8. Define a data load rule for a specific location and category.....	7
Step#9. Execute the data load rule.....	8
Step#10. Validate the output.....	8

Introduction

In the below example, Data load take place into Movement Dimension members based on Account Dimension number using mapping script. Mapping script is created scripts in order to designate conditional mapping. This type of mapping enables you to specify source members mapped to script expressions rather than to hard-coded target members. Target values are assigned in the script value. You activate the mapping script by placing #SQL in the Target value field for a SQL script.

CASE

```
WHEN ACCOUNT LIKE '1%' OR ACCOUNT LIKE '2%' THEN 'FCCS_Mvmts_OtherCurrentAssets'  
WHEN ACCOUNT LIKE '3%' THEN 'FCCS_Mvmts_IssueOfStock'  
ELSE 'FCCS_Mvmts_NetIncome'
```

END

The Source File

The comma delimiter source data file is as given below.

```
11101,C_132,No Product,1000  
11102,C_132,No Product,1200  
11103,C_132,No Product,1240  
29200,C_132,No Product,3000  
29300,C_132,No Product,4000  
29400,C_132,No Product,6000  
32000,C_132,No Product,6700
```

The Target FCCS Application Account Hierarchy

Current Assets

▲ FCCS_Balance Sheet	Balance Sheet
▲ FCCS_Total Balance Sheet-Traditional Approach	Total Balance Sheet-Traditional Approach
▲ FCCS_Total Assets	Total Assets
▲ FCCS_Current Assets	Current Assets
▲ FCCS_Cash And Cash Equivalents	Cash and Cash Equivalents
▷ 11101	BNK Checking Account
▷ 11102	BNK Treasury Account
▷ 11103	BNK2 Checking Account

Long Term Assets

▲ FCCS_Balance Sheet	Balance Sheet
▲ FCCS_Total Balance Sheet-Traditional Approach	Total Balance Sheet-Traditional Approach
▲ FCCS_Total Assets	Total Assets
▷ FCCS_Current Assets	Current Assets
▲ FCCS_Long Term Assets	Long Term Assets
▷ FCCS_Intangible Assets	Intangible Assets and Goodwill
▷ FCCS_Fixed Assets	Fixed Assets
▷ FCCS_Investment in Equity Companies	Investment in Equity Companies
▷ FCCS_Investment Link	Investment Link
▷ FCCS_Investment In Sub	Investment in Sub
▲ FCCS_Other Long Term Assets	Other Long Term Assets
▷ 17100	Long Term Receivables
▷ 17500	Long Term Investments
▷ 29200	Deferred Income Tax Asset - NonCurrent - National
▷ 29300	Deferred Income Tax Asset - NonCurrent - Regional
▷ 29400	Valuation Allowance NonCurrent - National
▷ 29500	Valuation Allowance NonCurrent - Regional

Liabilities Account

FCCS_Total Liabilities and Equity	Total Liabilities and Equity
▶ FCCS_Total Liabilities	Total Liabilities
▲ FCCS_Total Equity	Total Equity
▶ 32000	Paid in Capital

Below are the steps to be followed in order to load new account members from flat file.

1. Register the file-based source system from which you want to import data.
2. Register the target Oracle FCCS application to which you want to load the data from one or more file-based source systems.
3. Create an import format based on the source type as file that you want to load to the target FCCS application.
4. Define the location to specify where to load data.
5. Specify Period Mapping.
6. Specify Category Mapping.
7. Define data load mapping in order to map source Flat file members to their corresponding target FCCS application account dimension members.
8. Define a data load rule for a specific location and category. The data rule determines the data imported from the source system.
9. Execute the data load rule to define the options for running the data load rule.
10. Validate the output.

Step#1 Register the file-based source system

Source System

Source System Summary

View  Add  Delete  Detach

Configure Source Connection

Name	Type	Description	Drill Through URL	Base Language
EBS Source GL	File	EBS Source GL	https://ucf4-eb50236-gse.oracle.com	
File	File	File Load		
Fusion Cloud R12	Oracle Financials Cloud	Fusion Financials ...	R13@https://ucf3-zhen-fa-ext.oracle.com/publicFina...	
PeopleSoft	File	PeopleSoft Genera...	https://ucf4-psf0036-fscm.oracle.com	

File : Details

Source System Name File

* Source System Type File

Source System Description File Load

Drill Through URL

Target Application

?

Save

Cancel

?

Your changes have been saved

Target Application Summary

View

+

Add

✗

Delete

↻

Refresh

📄

Detach

Refresh Metadata

Refresh Members

Status	Name	Type
✓	VisCnsl - Smartlist	Planning
✓	VisCnsl - Scenario	Planning
✓	VisCnsl - Entity	Planning
✓	VisCnsl - Custom	Planning
✓	VisCnsl - Account	Planning
✓	VisCnsl	Consolidation
✓	VisCnsl - Version	Planning

Application Details

Name

VisCnsl

Type

Consolidation

Deployment Mode

Classic

Import Format

VisCnsl: Details

Name

VisCnsl

Description

Source

File

Target

VisCnsl

* File Type

Delimited - Numeric Data

* File Delimiter

Comma

Drill URL

11101,	C_132	No Product,	1000
11102,	C_132	No Product,	1200
11103,	C_132	No Product,	1240
29200,	C_132	No Product,	3000
29300,	C_132	No Product,	4000
29400,	C_132	No Product,	6000
32000,	C_132	No Product,	6700

Location

View Add Delete Detach

Name	Description	Import Format	Source	Target	Partition Key
File Import Data BU	File Import Data BU	File Import Data BU	File	VisCnsl	26
ForecastLoad		PlanningFcst	EPBCS	VisCnsl	20
Fusion Cloud GL	Fusion Cloud GL R13	Fusion Cloud GL R12	USChartofAccounts	VisCnsl	27
PeopleSoft	PeopleSoft GL	PeopleSoft	File	VisCnsl	24
SGP_TB	Singapore Trial Bal...	SGP_TB	File	VisCnsl	23
TestLocation		TestImportF	File	VisCnsl	30
UK	UK	Fusion Cloud GL UK	UKChartofAccounts	VisCnsl	28
VisCnsl		VisCnsl	File	VisCnsl	19
VKS Location		VKS	File	VisCnsl - Account	15

TestLocation : Details

Location Details

Integration Option

* Name
* Import Format
Source
Functional Currency
Check Entity Group

Description
Parent Location
Target
Logic Account Group
Check Rule Group

Step#5 Specify Period Mapping

Period Mapping

Global Mapping Application Mapping Source Mapping

View Add Delete Detach

Period Key	Prior Period Key	Period Name	Target Period Month	Target Period Quarter	Target Period Year	Target Period Day	Year Target
1/31/2015	12/31/2014	Jan-15	Jan				FY15
2/28/2015	1/31/2015	Feb-15	Feb				FY15
3/31/2015	2/28/2015	Mar-15	Mar				FY15
4/30/2015	3/31/2015	Apr-15	Apr				FY15
5/31/2015	4/30/2015	May-15	May				FY15

Step#6 Specify Category Mapping

Category Mapping

Global Mapping Application Mapping

View Add Delete Detach

Category Key	Category	Description	Frequency	Target Category
1	Actual		Monthly	Actual
2	Budget		Monthly	Budget
3	Current		Monthly	Current
4	Forecast		Monthly	Forecast
5	OEP_Scenarios		Monthly	OEP_Scenarios
6	Plan		Monthly	Plan
7	SK Copy Data		Monthly	Whatif

Step#7 Define data load mapping

7.1 Account Mapping (Under Data load mapping)

Data Load Mapping

Dimensions Account

Data Table Column ACCOUNT

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Change Sign	Rule Name	Description	Apply to Rule
*	*			A1		

7.2 Data Mapping (Under Data load mapping)

Data Load Mapping

Dimensions Data

Data Table Column DATA

All Mappings Explicit Between In Multi Dimension Like

View Add Delete Detach Validate Refresh Values

Source Value	Target Value	Script	Rule Name	Description	Apply to Rule
*	*		D1		

7.3 Movement mapping script (Under Data Load mapping)

CASE

```
WHEN ACCOUNT LIKE '1%' OR ACCOUNT LIKE '2%' THEN 'FCCS_Mvmts_OtherCurrentAssets'  
WHEN ACCOUNT LIKE '3%' THEN 'FCCS_Mvmts_IssueOfStock'  
ELSE 'FCCS_Mvmts_NetIncome'
```

END

The screenshot shows the 'Data Load Mapping' interface. At the top, there's a 'Dimensions' dropdown set to 'Movement' and a 'Data Table Column' dropdown set to 'UD3'. Below this is a toolbar with buttons: 'All Mappings', 'Explicit', 'Between', 'In', 'Multi Dimension', 'Like', 'View', '+ Add', '- Delete', 'Detach', 'Validate', and 'Refresh Values'. The main area has a table with columns: 'Source Value', 'Target Value', 'Script', 'Rule Name', and 'Description'. The 'Source Value' is '*', 'Target Value' is '#SQL', 'Script' is a CASE statement, 'Rule Name' is 'A1', and 'Description' is empty. A red box highlights the 'Target Value' and 'Script' columns, with a red arrow pointing down to the 'Edit Script' window.

Edit Script

```
Script  
CASE  
WHEN ACCOUNT LIKE '1%' OR ACCOUNT LIKE '2%' THEN 'FCCS_Mvmts_OtherCurrentAssets'  
WHEN ACCOUNT LIKE '3%' THEN 'FCCS_Mvmts_IssueOfStock'  
ELSE 'FCCS_Mvmts_NetIncome'  
END
```

7.4 Rest of the Dimension have similar live mapping Source Value * Target Value *

Step#8. Define a data load rule for a specific location and category.

The screenshot shows the 'Data Load Rule' configuration interface. At the top, there's a 'Data Load Rule' header with a status icon and buttons: 'Save' and 'Cancel'. Below this is a 'Data Rule Summary' section with a table showing the rule's status, name, category, and description. The rule is named 'TestDataLoadRule', has a status of 'Success', and a category of 'Actual'. A red box highlights the 'Status' and 'Category' columns. Below the summary is a 'Details' section with fields for 'Name' (TestDataLoadRule), 'Category' (Actual), 'Description', 'Import Format' (TestImportF), 'File Name' (testdata.txt), 'Directory' (inbox/VisCnsl), 'File Name Suffix Type', and 'Period Key Date Format'. A red box highlights the 'File Name' field and its 'Select' button. At the bottom, there's a 'Location' dropdown set to 'TestLocation', a 'Period' dropdown set to 'Jan-15', a 'Category' dropdown set to 'Actual', a 'Source' dropdown set to 'File', and a 'Target' dropdown set to 'VisCnsl'.

Data Load Rule

Your changes have been saved

Data Rule Summary

Status	Name	Category	Description
Success	TestDataLoadRule	Actual	

Details

Name: TestDataLoadRule
Category: Actual
Description:
Import Format: TestImportF
File Name: testdata.txt
Directory: inbox/VisCnsl
File Name Suffix Type:
Period Key Date Format:
Location: TestLocation
Period: Jan-15
Category: Actual
Source: File
Target: VisCnsl

Step#9. Execute the data load rule.

Data Load Workbench

Import Validate Export Check

Load Data

View Format Show Download Template Freeze Detach Wrap

Source-Entity	Entity	Source-Account	Account	Source-Intercompany	Intercompany	Source-Data Source	Data Source	Source-Movement	Movement	Source-Multi-GAAP	Multi-GAAP
C_132	C_132	29200	29200	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	29300	29300	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	29400	29400	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	32000	32000	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	11101	11101	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	11102	11102	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J
C_132	C_132	11103	11103	FCCS_No Intercom...	FCCS_No Intercom...	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_Oth...	FCCS_Local Gap	FCCS_J	FCCS_J

Based on Account No, the Movement Dimension member mapping take place.

Load Data

View Format Show Download Template Freeze Detach Wrap

Source-Account	Account	Source-Intercompany	Intercompany	Source-Data Source	Data Source	Source-Movement	Movement
29200	29200	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets
29300	29300	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets
29400	29400	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets
32000	32000	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_IssueOfStock	FCCS_Mvmts_IssueOfStock
11101	11101	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets
11102	11102	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets
11103	11103	FCCS_No Intercom...	FCCS_No Intercompany	FCCS_Managed D...	FCCS_No Movement	FCCS_Mvmts_OtherCurrentAssets	FCCS_Mvmts_OtherCurrentAssets

CASE

WHEN ACCOUNT LIKE '1%' OR ACCOUNT LIKE '2%' THEN 'FCCS_Mvmts_OtherCurrentAssets'

WHEN ACCOUNT LIKE '3%' THEN 'FCCS_Mvmts_IssueOfStock'

ELSE 'FCCS_Mvmts_NetIncome'

END

Step#10. Validate the output.

10.1 The Source Data File

```
11101,C_132,No Product,1000
11102,C_132,No Product,1200
11103,C_132,No Product,1240
29200,C_132,No Product,3000
29300,C_132,No Product,4000
29400,C_132,No Product,6000
32000,C_132,No Product,6700
```

10.2 The Log File

Outline data store load process finished. 7 data records were read, 8 data records were processed, 8 were accepted for loading (verify actual load with Essbase log files), 0 were rejected.

10.2 Smartview Output

A	B	C	D	E
			C_132	
			FY15	
			FCCS_Periodic	
			FCCS_Local GAAP	
			FCCS_No Intercompany	
			FCCS_Entity Input	
			FCCS_Managed Data	
			Entity Currency	
			Actual	
			Jan	
P_T	FCCS_ClosingBalance	Account		0
No Product	FCCS_No Movement	29200		0
No Product	FCCS_Mvmts_OtherCurrentAssets	29200		3000
No Product	FCCS_Mvmts_OtherCurrentAssets	29200		3000
No Product	FCCS_Mvmts_OtherCurrentAssets	29200		3000
No Product	FCCS_Mvmts_OtherCurrentAssets	29200		3000
No Product	FCCS_Mvmts_OtherCurrentAssets	29300		4000
No Product	FCCS_Mvmts_OtherCurrentAssets	29300		4000
No Product	FCCS_Mvmts_OtherCurrentAssets	29300		4000
No Product	FCCS_Mvmts_OtherCurrentAssets	29300		4000
No Product	FCCS_Mvmts_OtherCurrentAssets	29300		4000
No Product	FCCS_Mvmts_OtherCurrentAssets	11101		1000
No Product	FCCS_Mvmts_OtherCurrentAssets	11102		1200
No Product	FCCS_Mvmts_IssueOfStock	32000		6700