

Oracle Financial Consolidation and Close Cloud Service

Loading Account Dimension Members

Using Data Management



Version History

Version	Date (dd / mmm / yyyy)	Modification	Author
0.1	15th / Nov / 2019	Initial document	Neeraj Soni
0.1	15th / Nov / 2019	Review	Amit Sharma

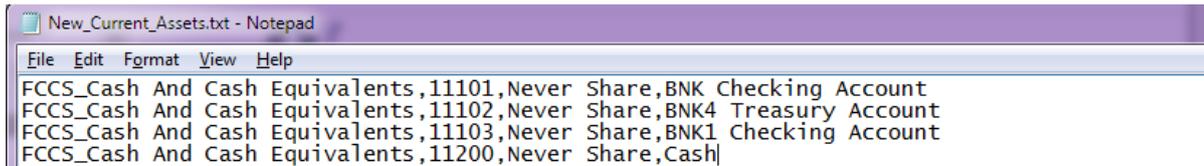
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Introduction

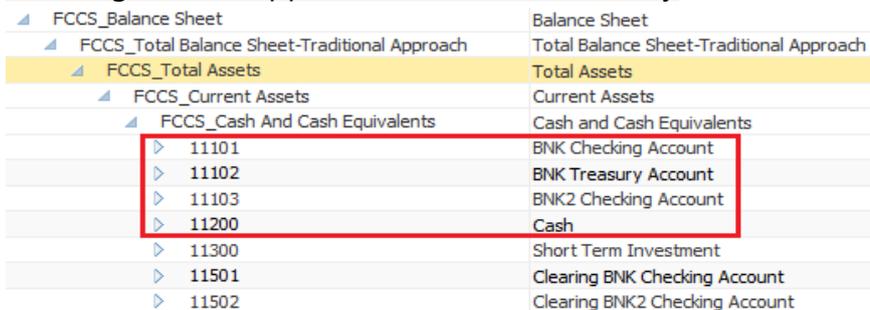
The below case study demonstrates how to load from flat file to Oracle FCCS account dimension balance sheet members. FCCS integrates file-based data from an Enterprise Resource Planning (ERP) source system into an Enterprise Performance Management (EPM) target application (FCCS in this scenario). Any file, whether it is a fixed width file or a delimited file, can be easily imported into an Oracle Enterprise Performance Management Cloud application.

The Source File



```
New_Current_Assets.txt - Notepad
File Edit Format View Help
FCCS_Cash And Cash Equivalents,11101,Never Share,BNK Checking Account
FCCS_Cash And Cash Equivalents,11102,Never Share,BNK4 Treasury Account
FCCS_Cash And Cash Equivalents,11103,Never Share,BNK1 Checking Account
FCCS_Cash And Cash Equivalents,11200,Never Share,Cash
```

The Target FCCS Application Account Hierarchy



▲ 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
▶ 11200	Cash
▶ 11300	Short Term Investment
▶ 11501	Clearing BNK Checking Account
▶ 11502	Clearing BNK2 Checking Account

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 dimension.
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. Define data load mapping to map source Flat file account dimension members to their corresponding target FCCS application account dimension balance sheet members.
6. Define a data load rule for a specific location and category. The data rule determines the data imported from the source system.
7. Execute the data load rule to define the options for running the data load rule.
8. Validate the output.

Step#1: Open Data Management from Navigator

Navigator

The Navigator menu is organized into several categories:

- Tasks**
 - Dashboards
 - Task Overview
 - Compliance Overview
 - Financial Dashboards
 - Infolets
 - Data
 - Journals
 - Reports
 - Approvals
 - Rules
- Application**
 - Overview
 - Consolidation
 - Task Manager
 - Supplemental Data
 - Settings
 - Manage Periods
 - Configuration
 - Valid Intersections
 - Data Exchange
 - Jobs
 - Services
 - Non-Consolidation Reports
- Tools**
 - Appearance
 - Variables
 - Announcements
 - Artifact Labels
 - Access Control
 - Navigation Flows
 - Daily Maintenance
 - Connections
 - Audit
 - Migration
 - User Preferences
- Academy**
 - Integration**
 - Data Management**
- Create and Manage**
 - Action Menus
 - Alias Tables
 - Dimensions
 - Forms
 - Rules
 - Smart List
- Reporting**
 - Explore Repository
 - Reporting Web Studio
- Monitor and Explore**
 - System Reports
- Workflow**
 - Manage Approvals
 - Approval Unit

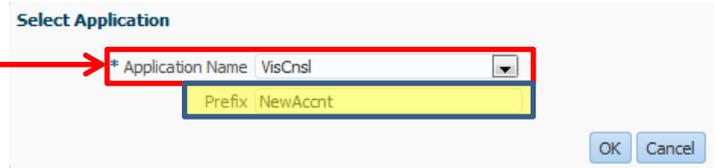
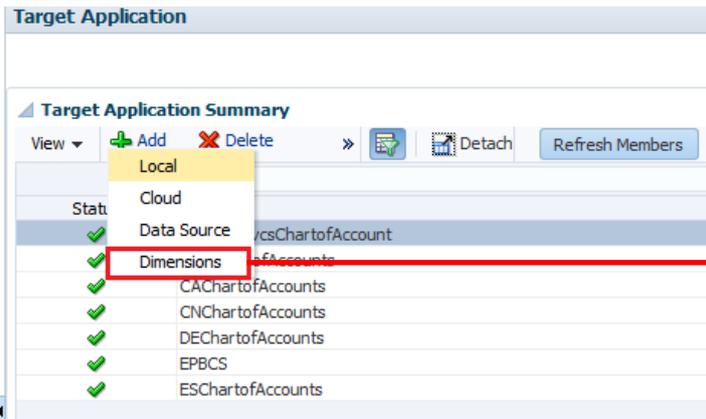
Step#2 Register the file-based source system from which you want to import dimension.

The screenshot shows the 'Source System' configuration page in Oracle Data Management. The 'Add' button is highlighted in red. The 'Details' section shows the following configuration:

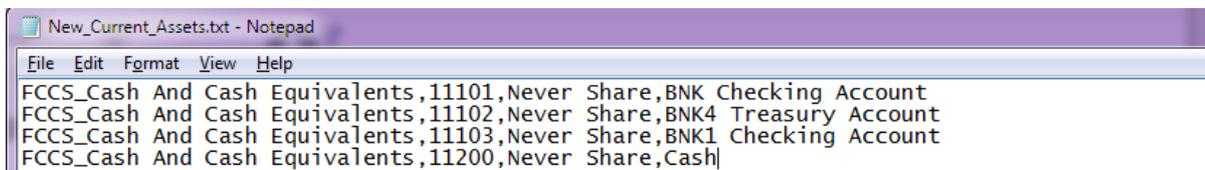
- * Source System Name: FCCS_File_Based_Load
- * Source System Type: File

The 'File' option in the 'Source System Type' dropdown is highlighted in red.

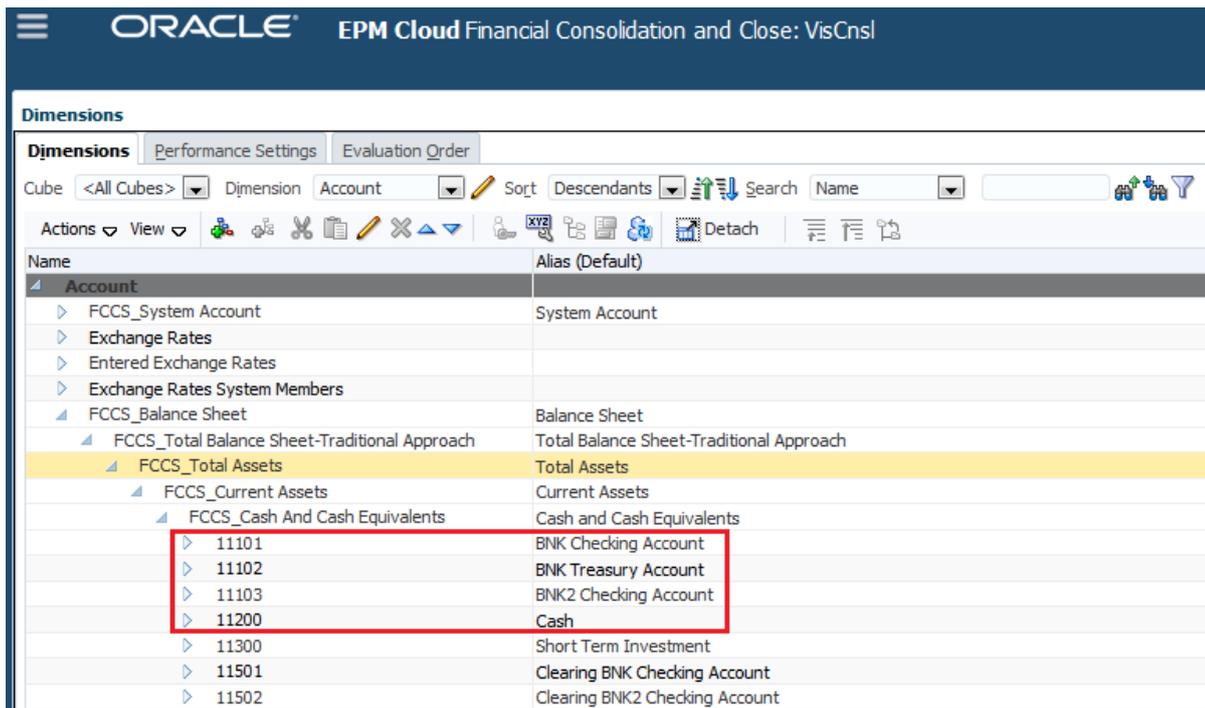
Step#3 Register the target Oracle FCCS application to which you want to load the data from one or more file-based source systems.



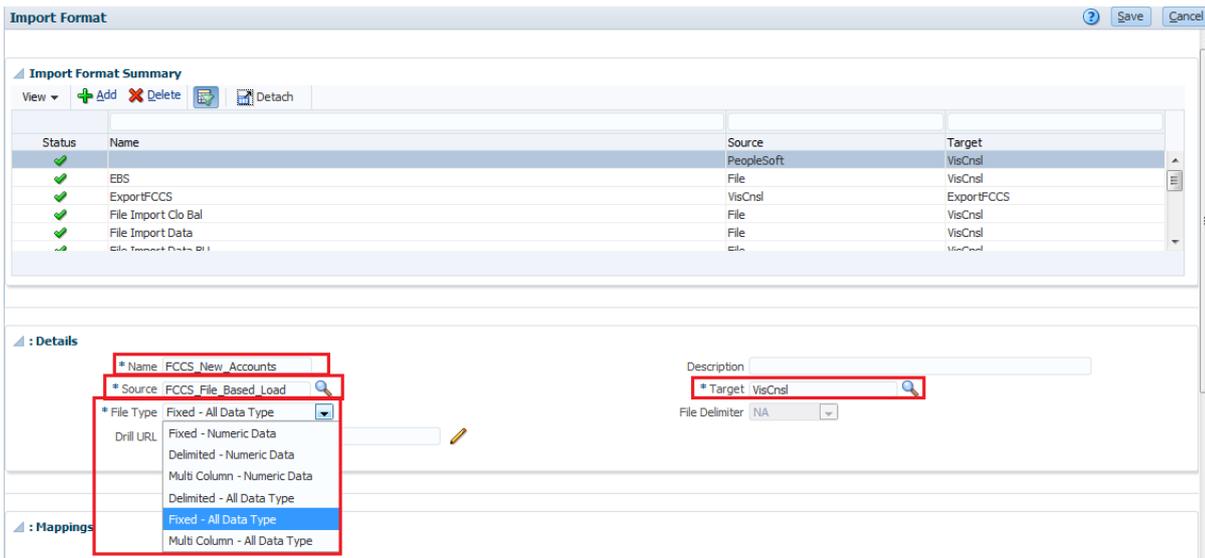
3.1 The source file format is as below, it is comma separator.



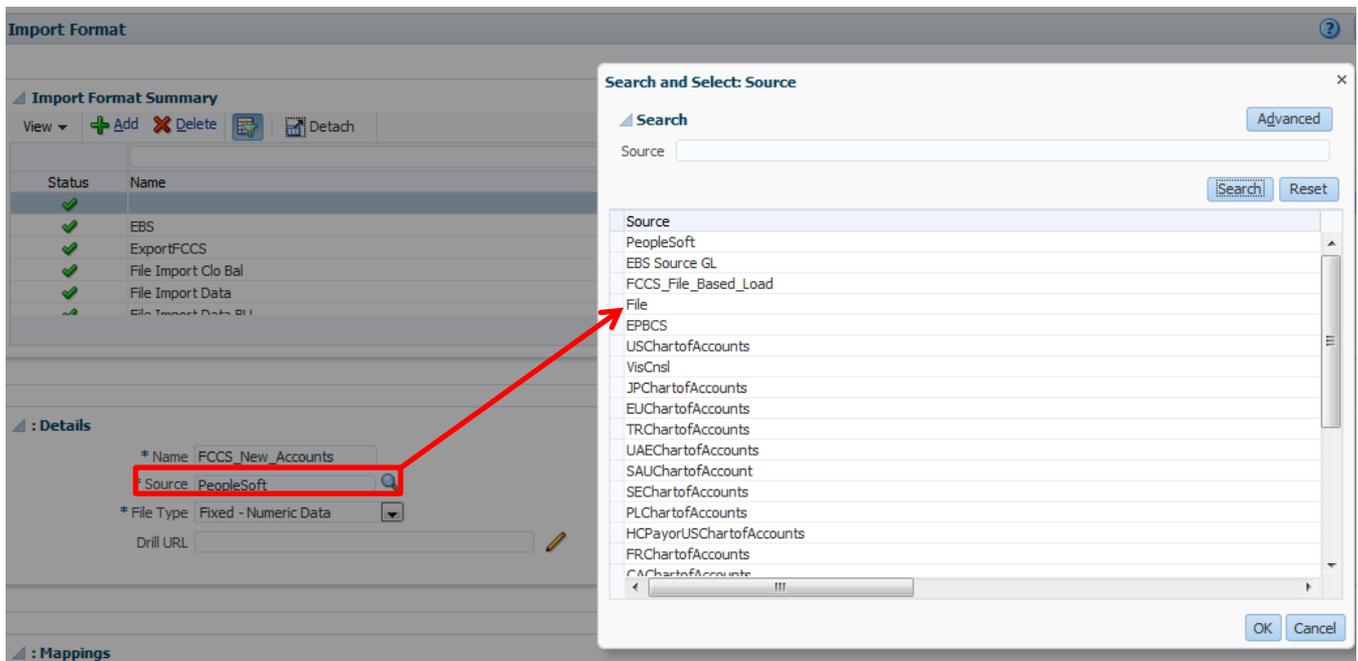
3.2 Once the new members got loaded, it appears as below.



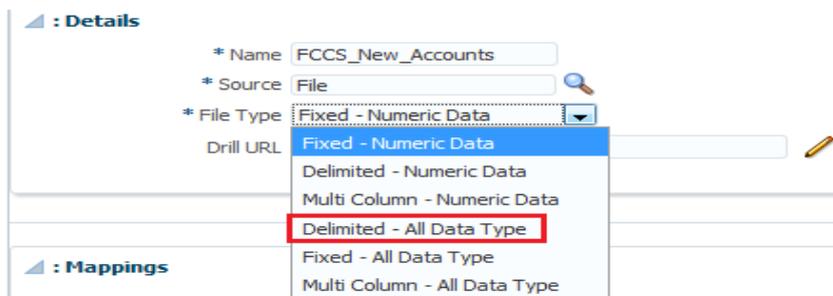
Step#4 Create an import format based on the source type as file that you want to load to the target FCCS application. Make sure you select Delimited – All Data Type.



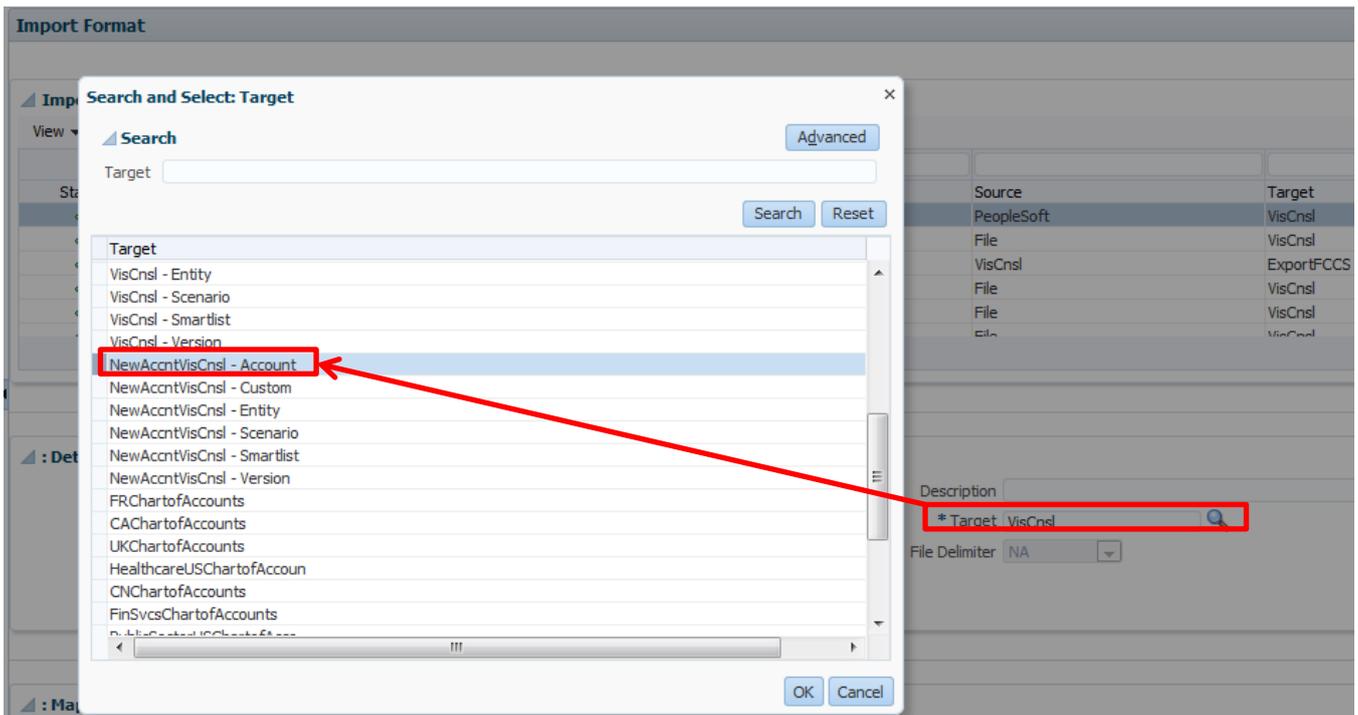
4.1 Source as File



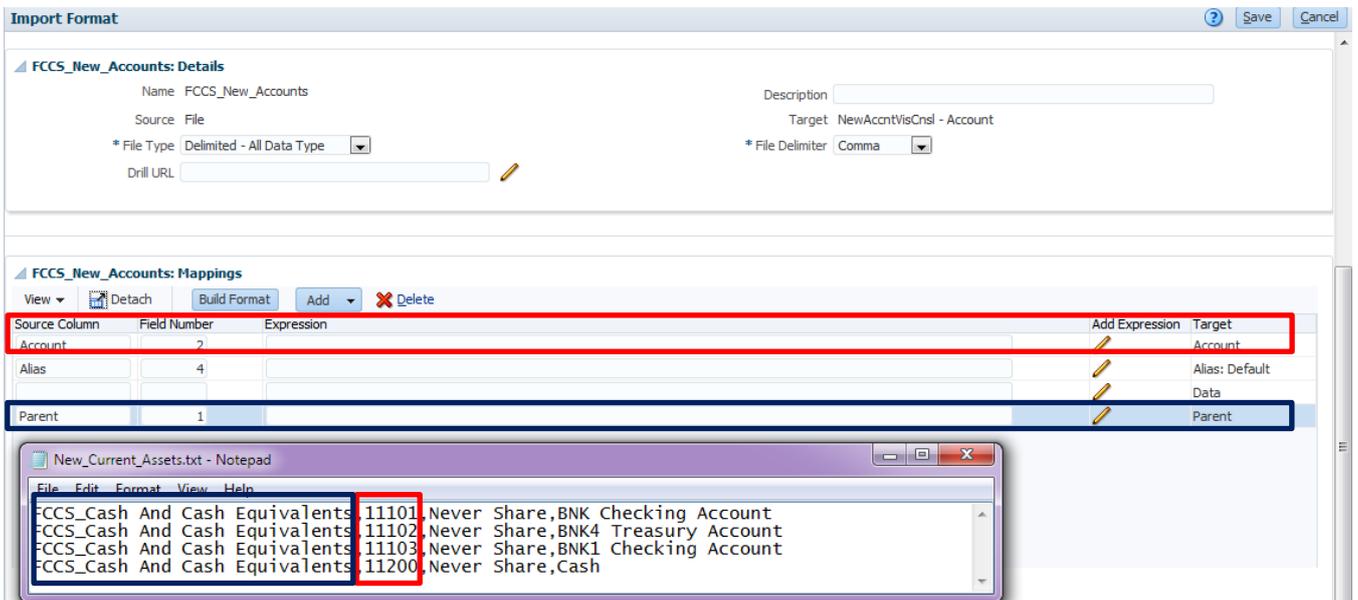
4.2 File Type as Delimited – All Data Type.



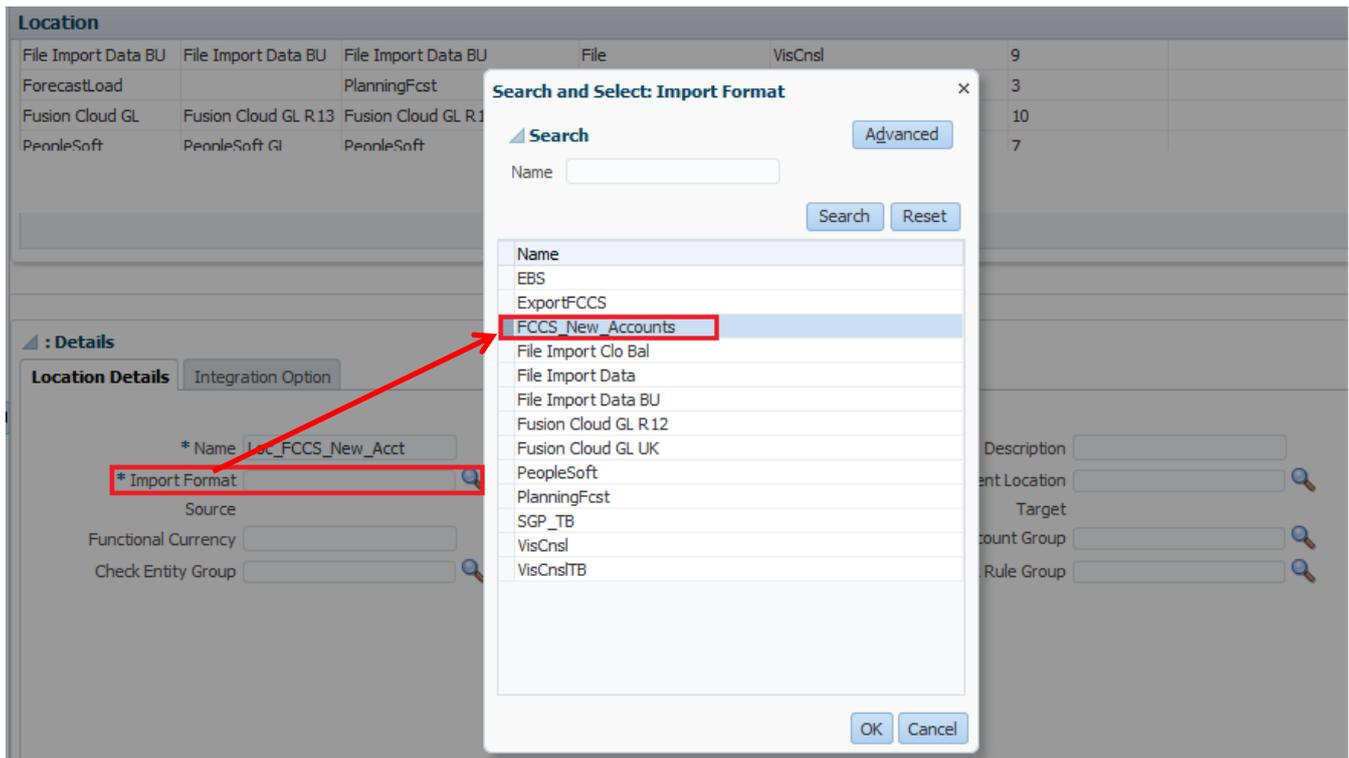
Select Target as NewAcnt<<nameofapplication>> - <<Dimension Name>>, application prefix given at step#3.



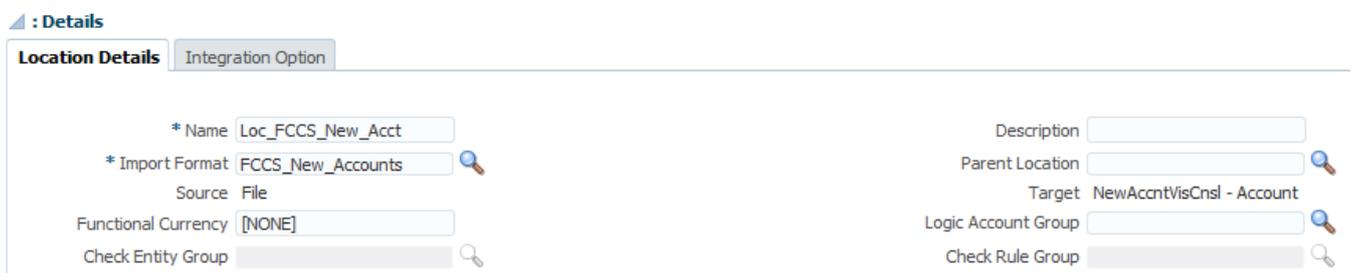
4.3 Specify import format mapping where source is flat file and target is FCCS application. i.e account no is given at column no. 2 and the same reference is given in Field Name Mappings.



Step#5 Define the location to specify where to load data.



The final view of Location details - Name Loc_FCCS_New_Acct, Import format FCCS_New_Accounts and Target s NewAcctVisCnsl - Account

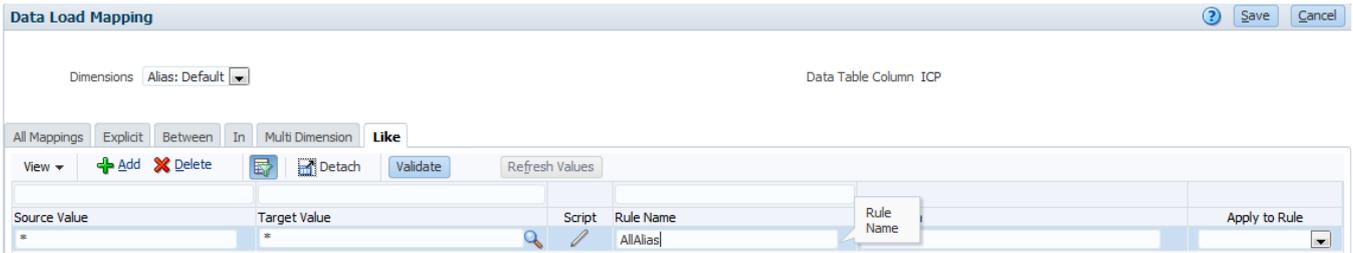


Step#6 Define data load mapping to map source Flat file account dimension members to their corresponding target FCCS application account dimension balance sheet members.

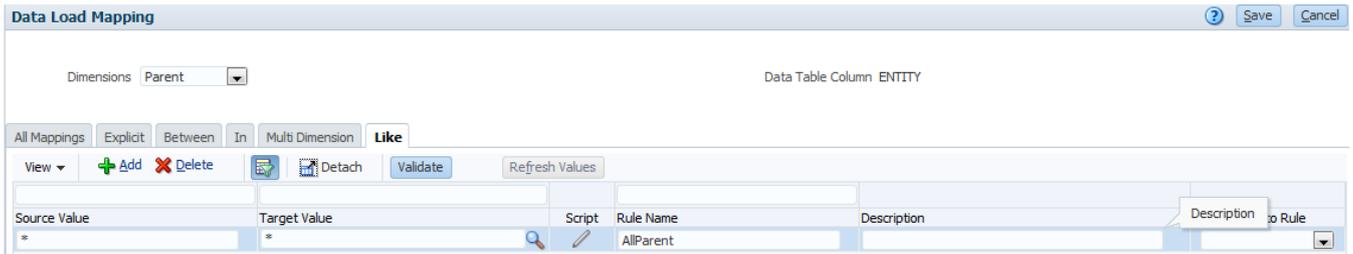
6.1 Map Source Account Value to Target (In the below example, it is simple all source to all target with wild card * character).



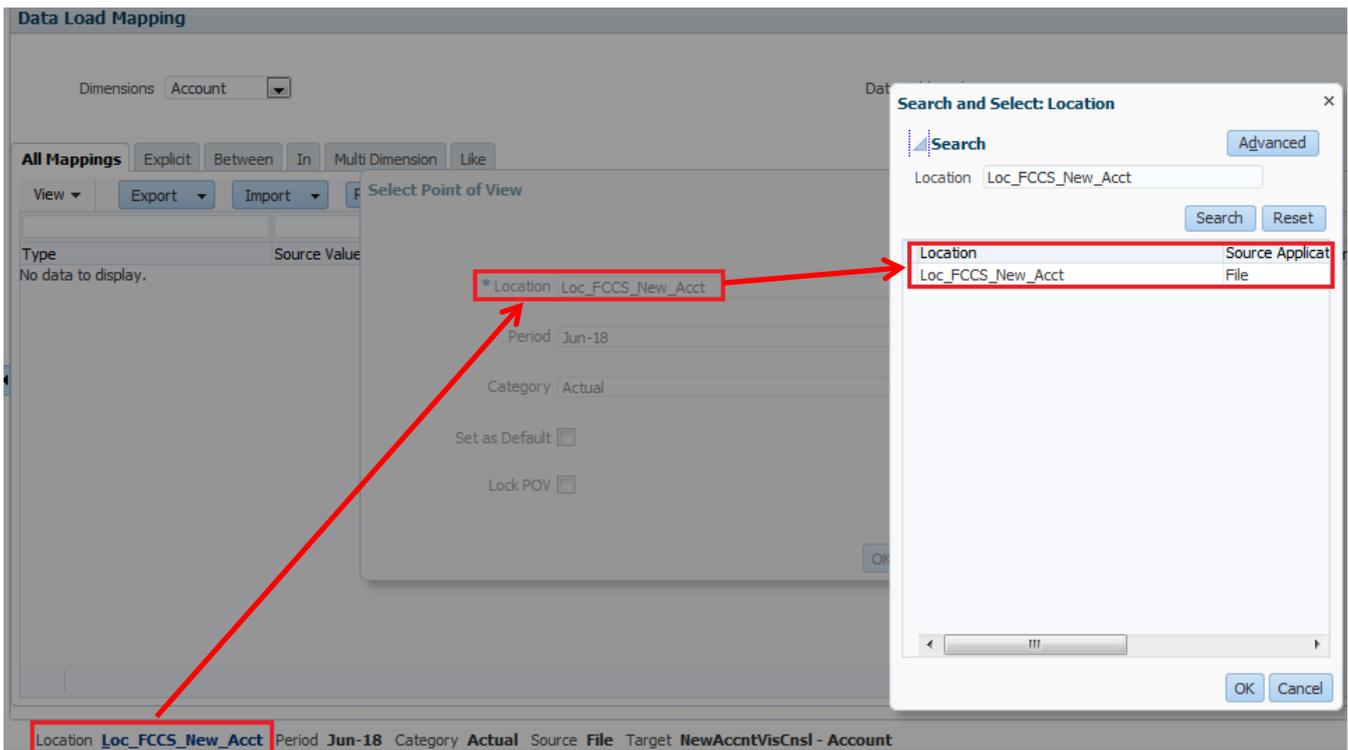
6.2 Map Source Account Alias Value to Target (In the below example, it is simple all source to all target with wild card * character).



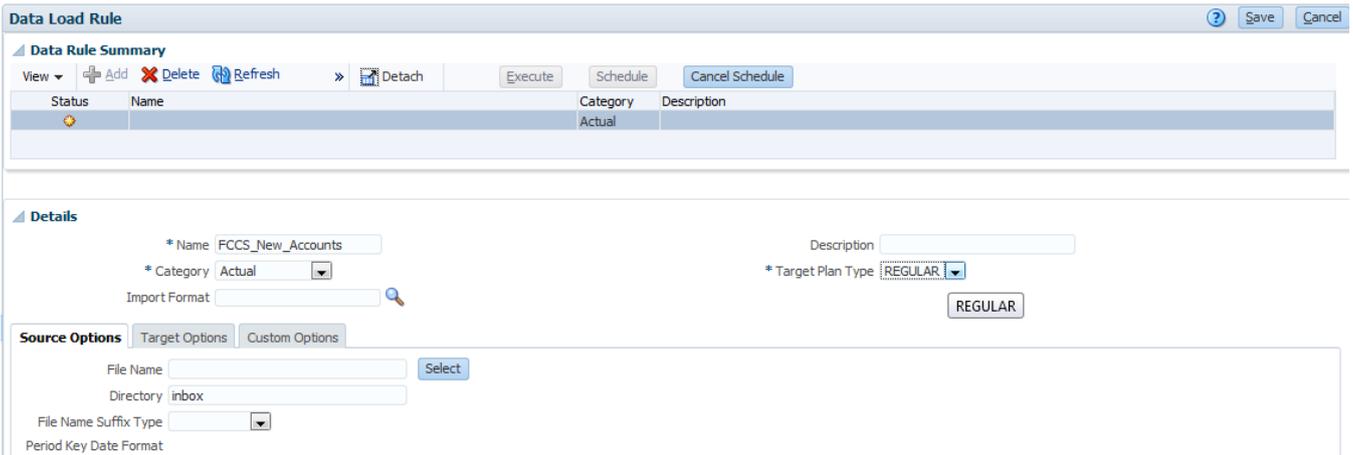
6.3 Map Source Account Parent Value to Target (In the below example, it is simple all source to all target with wild card * character).



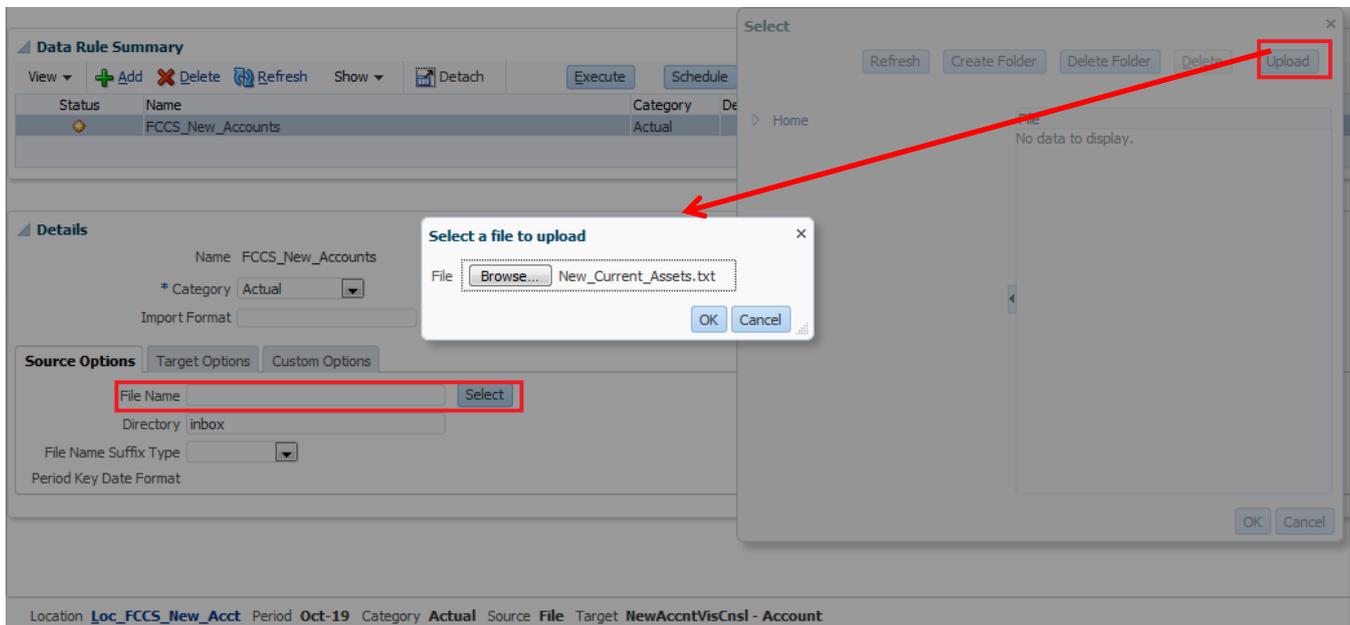
Select Location as Loc_FCCS_New_Acct (Step#5)



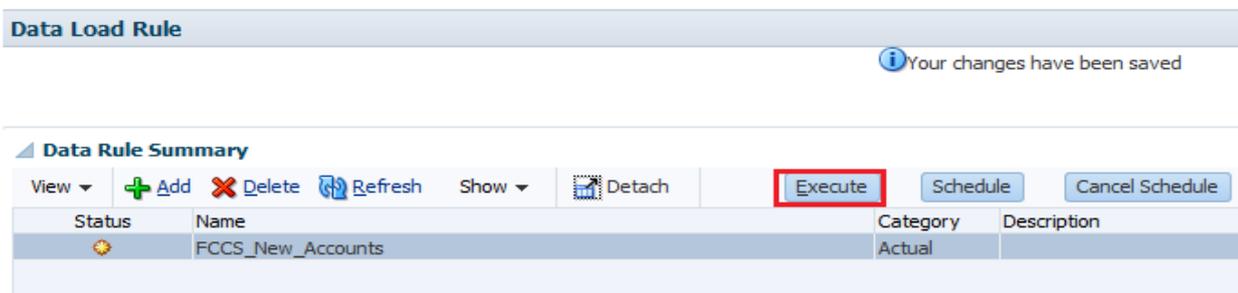
Step#7 Define a data load rule for a specific location and category. The data rule determines the data imported from the source system.



7.1 Upload source file from client file system to InBox.



7.2 Execute the rule.



7.3 A process has been created and submitted as given below.

Execute Rule [X]

Import from Source

Recalculate

Export to Target

Execute Check

* Start Period

* End Period

Import Mode

Information [X]

A process has been submitted for extraction. Process Id: 21 Extract Id: 2501

The green right mark shows that the process executed successfully. (It shows fish with Import, Validate and Export images)

Data Load Rule

Data Rule Summary

View Show

Status	Name	Category	Description
✓	FCCS_New_Accounts	Actual	

Details

Name FCCS_New_Accounts Description

Category Actual Target Plan Type REGULAR

Import Format

Source Options

File Name

Directory

File Name Suffix Type

Period Key Date Format

Import  **Validate**  **Export** 

The same can be seen in the log file.

Data Management x Search: Advanced

Workflow Setup

Tasks

Data Load

- Data Load Workbench
- Data Load Rule
- Data Load Mapping

Process Details

View Refresh Detach

Process ID	Status	Log	Location	Process Name	Rule Name	Source System	Target Application	OC
21	✓	Show	Loc_FCCS_New_Acct	Data Load	FCCS_New_Accounts	File	NewAcctVisCnsl - Account	OC

Other

Monitor

NewAcctVisCnsl - Account_21.log - Notepad

```

File Edit Format View Help
derived from the command line.Submitted (merged) command line: /DF:MM-DD-YYYY /D:Account /DL:comma /I:***NewAcctVisCnsl - Account_21.dat[Tue
Dec 17 10:00:21 UTC 2019]Successfully located and opened input file.[Tue Dec 17 10:00:21 UTC 2019]Input file being read with UTF-8 encoding.[Tue
Dec 17 10:00:21 UTC 2019]Date format pattern "MM-DD-YYYY" specified for date data type loading.[Tue Dec 17 10:00:21 UTC 2019]Header record
fields: Account, Parent, Alias: Default[Tue Dec 17 10:00:21 UTC 2019]Located and using "Account" dimension for loading data in "VisCnsl"
application.[Tue Dec 17 10:00:21 UTC 2019]HspOutlineLoad::dateFormatSpecified is true, SessionDateFormat stored on session: M/d/yy,
sessionId: 181577999[Tue Dec 17 10:00:27 UTC 2019]Load dimension "Account" has been unlocked successfully.outline data store load process
finished. 4 data records were read, 4 data records were processed, 4 were accepted for loading (verify actual load with Essbase log files), 0
were rejected.[Tue Dec 17 10:00:28 UTC 2019]Outline data store load process finished. 4 data records were read, 4 data records were processed,
4 were accepted for loading (verify actual load with Essbase log files), 0 were rejected.2019-12-17 10:00:28,358 INFO [AIF]: The Drill Region
option is not enabled for the application.2019-12-17 10:00:28,358 INFO [AIF]: EssbaseService.loadData - END (true)2019-12-17 10:00:28,407 INFO
[AIF]: -----END EXPORT STEP-----2019-12-17 10:00:28,556 INFO [AIF]: FMEE Process End, Process ID: 21
  
```

Step#8 The final outcome, New account members added in FCCS_Cash and Cash Equivalents from source text file.

ORACLE EPM Cloud Financial Consolidation and Close: VisCnsl

Dimensions

Performance Settings Evaluation Order

Cube <All Cubes> Dimension Account Sort Descendants Search Name

Actions View Detach

Name	Alias (Default)
Account	
FCCS_System Account	System Account
Exchange Rates	
Entered Exchange Rates	
Exchange Rates System Members	
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
11200	Cash
11300	Short Term Investment
11501	Clearing BNK Checking Account
11502	Clearing BNK2 Checking Account