

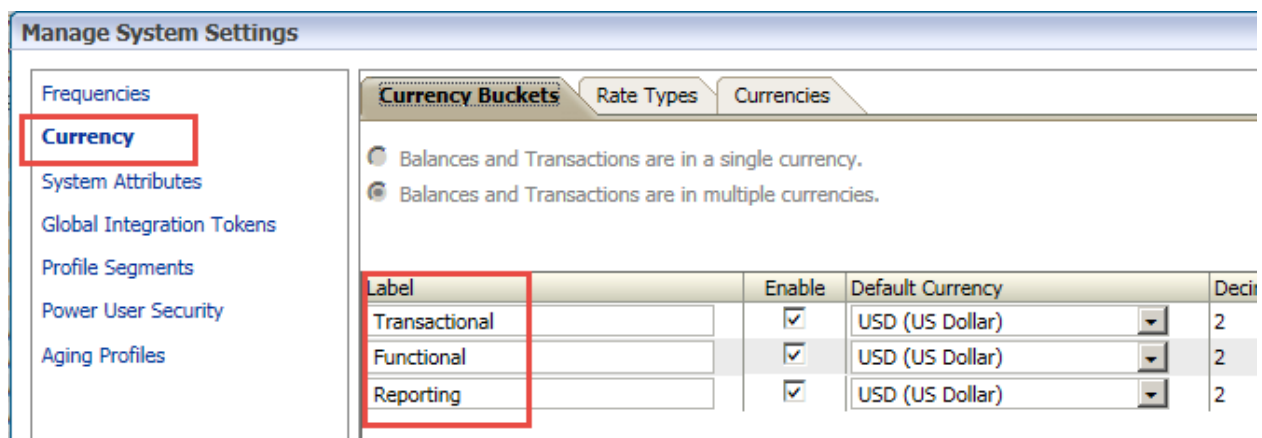
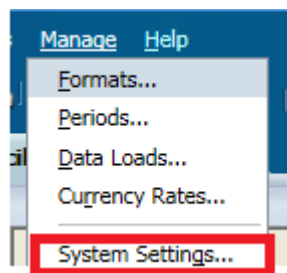
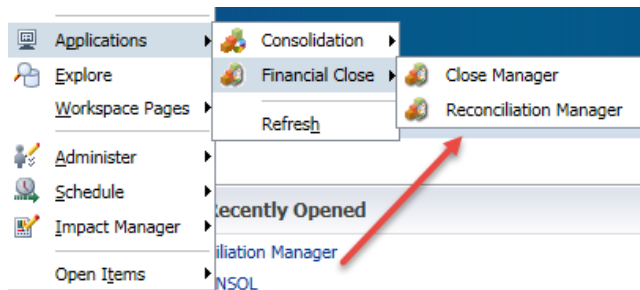
## Configuring FDMEE for ARM

### Category Mapping Application

Category Mappings enable users to associate source system balances with ARM currency buckets. The instructions for configuring Category Mappings in FDMEE depend on how ARM has been configured.

Before configuring Category Mappings, review the ARM currency configuration:

Login to ARM as an Administrator and open the System Settings (Manage → System Settings)



## Category Mapping

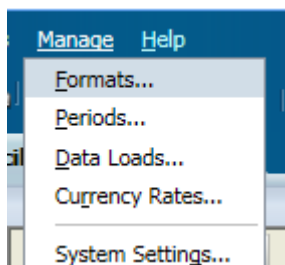
Global Mapping		Application Mapping		
Category Key	Category	Description	Frequency	Target Category
1	Actual		Monthly	Actual
4	Budget		Monthly	Budget
5	Forecast		Monthly	Forecast
10	Functional		Monthly	Functional
8	Transactional		Monthly	Transactional

## ARM Balance Source Type

Balance Source Types enable ARM to classify a balance as either a source system balance or a subsystem balance. Below is an illustration on how to determine which Source Type when creating a mapping the Profile dimension.

Source	Account ID	Name	Preparer	Preparer (Company)	Item Group	Account Type	Source
Dec 2015	PP_HUS_JPY-1030...	PAMS to PAMS HUS_JPY 10300002	With Preparer	High	Assets	Investments_BS_PP	
Dec 2015	PP_HUS_USD-103...	PAMS to PAMS HUS_USD 10300002	With Preparer	High	Assets	Investments_BS_PP	
Dec 2015	PPM_HUS_JPY-10...	PAMS to PAMS HUS_JPY 10300002 MA...	With Preparer	High	Assets	Investments_BS	
Dec 2015	PS_HUS_JPY-1030...	PAMS to SUN HUS_JPY 10300002	With Preparer	High	Assets	Investments_BS_PS	
Dec 2015	PS_HUS_USD-103...	PAMS to SUN HUS_USD 10300002	With Preparer	High	Assets	Investments_BS_PS	
Dec 2015	SH_HUS_HKD-103...	SUN to HFM HUS_HKD 10300002	With Preparer	High	Assets	Investments_BS_SH	
Dec 2015	SH_HUS_USD-103...	SUN to HFM HUS_USD 10300002	With Preparer	High	Assets	Investments_BS_SH	

Login to ARM as an Administrator and open (Manage → Formats)



Manage Formats				
<input type="text" value="Search"/> <input type="button" value="Advanced"/>				
Actions ▾ View ▾				
Name	Reconciliation Method	Created By	Last Updated By	
Current Taxes Payable	Account Analysis	Geordan Drummond	Geordan Drummond	
Gross Premiums	Balance Comparison	Geordan Drummond	Geordan Drummond	
Investments_BS	Balance Comparison	Geordan Drummond	Geordan Drummond	
<b>Investments_BS_PP</b>	<b>Balance Comparison</b>	<b>Geordan Drummond</b>	<b>Geordan Drummond</b>	
Investments_BS_PS	Balance Comparison	Geordan Drummond	Geordan Drummond	
Investments_BS_SH	Balance Comparison	Geordan Drummond	Geordan Drummond	

Double click on the listed Format to view Source System Balance and the Subsystem Balance

Edit Format [Investments_BS_PP]			
Properties   Instructions   Attributes   Questions   History			
* Name	Investments_BS_PP		
Description	<input type="text"/>		
Reconciliation Method	Balance Comparison		
* Display Account ID As	Individual Segments ▾		
<input type="checkbox"/> Require 0 unexplained difference			
Balance Summary   System Adjustments   Subsystem Adjustments			
Column	Label		Hide
Source System Beginning Balance	Source System Beginning Balance		<input checked="" type="checkbox"/>
Net Activity	Net Activity		<input checked="" type="checkbox"/>
Source System Balance	PAMS Activity		<input type="checkbox"/>
Subsystem Balance	PAMS Balance		<input type="checkbox"/>
Difference	Difference		<input type="checkbox"/>
Adjustments to Source System	Adjustments to PAMS Activity		<input type="checkbox"/>
Adjusted Source System Balance	Adjusted PAMS Activity		<input type="checkbox"/>
Adjustments to Subsystem	Adjustments to PAMS Balance		<input type="checkbox"/>
Adjusted Subsystem Balance	Adjusted PAMS Balance		<input type="checkbox"/>
Unexplained Difference	Unexplained Difference		<input type="checkbox"/>

Source System = “source system”

Subsystem = “sub-system”

The key point to remember is that Source Type “source system” should be assigned to the balance to be reconciled, whereas the Source Type “sub-system” should be assigned to balances used for comparison purposes.

## Target Application

Configuration of the Target Application enables users to specify how columns in the staging table will be used for storing values from source systems. Only those source system values configured as Dimensions will exist in the staging table.

Application Details				
* Name Account Reconciliation Manager		Type Account Reconciliation Manager	Deployment Mode Not Applicable	
Dimension Details				
View <input type="button" value="+ Add"/> <input type="button" value="X Delete"/> <input type="button" value="Detach"/>				
Dimension Name	Target Dimension Class	Data Table Column Name	Sequence	
Account	LOOKUP	UD2	2	
Currency Bucket	Scenario			
Entity	LOOKUP	UD3	3	
Period	Period			
Portfolio	LOOKUP	UD4	4	
Profile	Account	ACCOUNT	5	
Source Type	Generic	UD1	1	

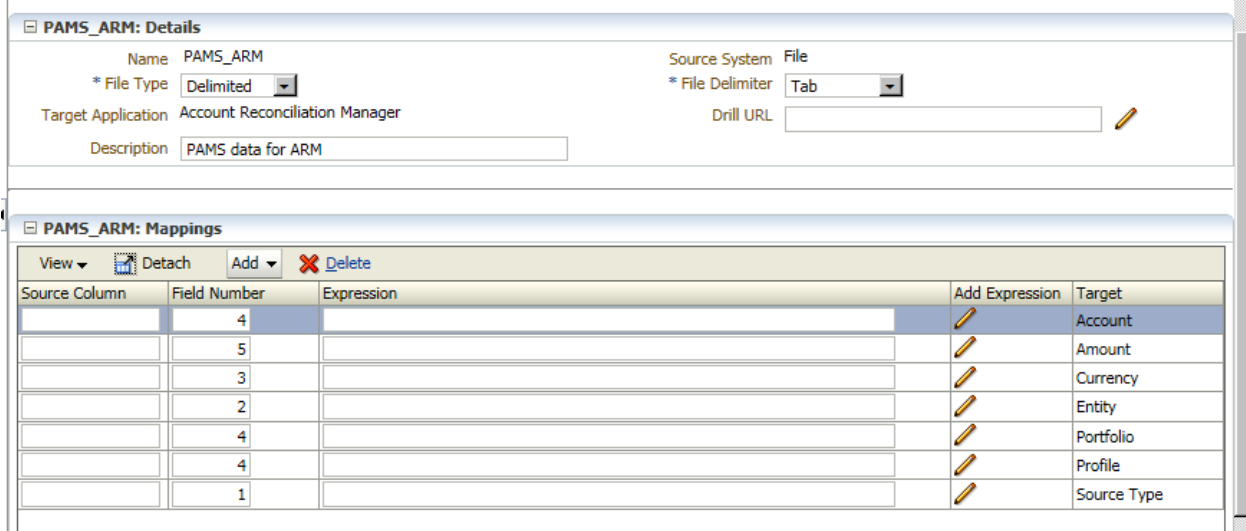
Take notice of the sequence when building your Profile Dimension. The Account and UD1 dimension in this particular Target Application are the only required dimension being loaded. The other dimensions are used for informational and/or mapping purposes only.

Type
ARM
Custom
Financial Management
Essbase
Essbase

Target Dimension Class	Data Table Column Name	Sequence
LOOKUP	UD2	2
Scenario		
LOOKUP	UD3	3
Period		
LOOKUP	UD4	4
Account	ACCOUNT	5
Generic	UD1	1

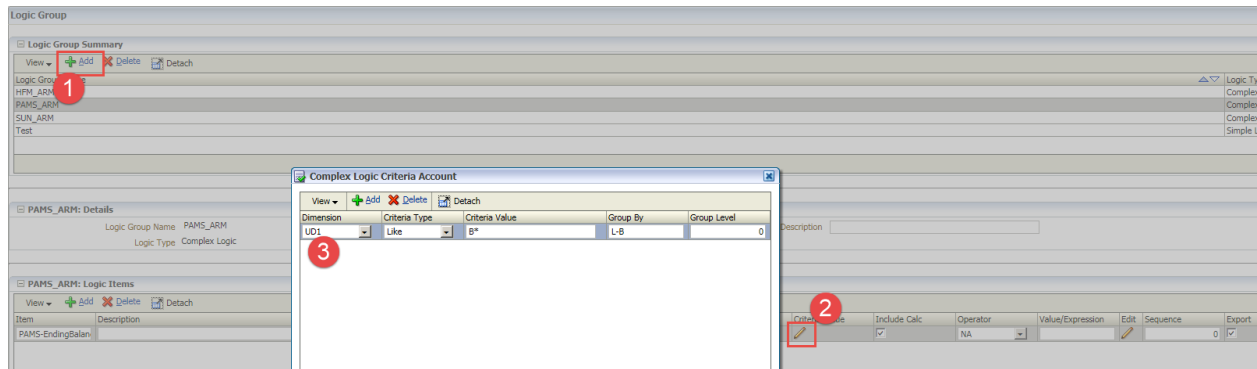
## Import Format

Below is the typical import format for the flat file source setup we're currently using for this ARM project.

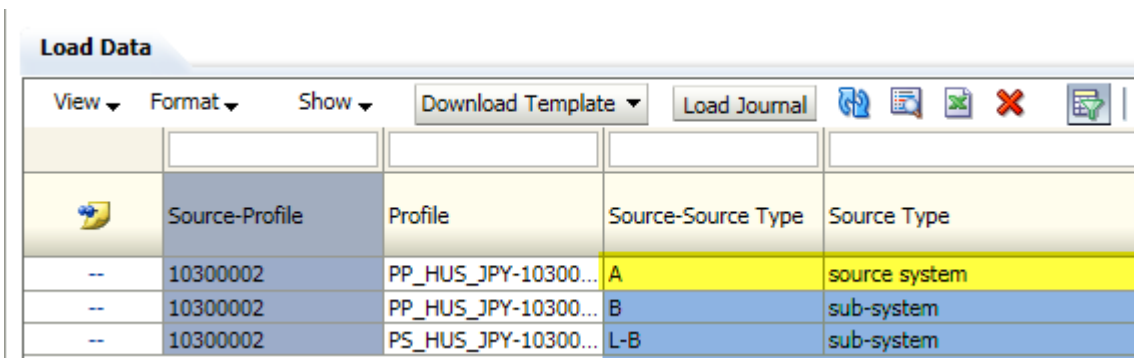


## Logic Group

Below screen print demonstrates a Logic group created to help reconcile between multiple Profile sources within one data source file. The L-B is to duplicate in Source Type B amount when loading into the sub-system for data reconciliation.



Below screen print is what the Data Load Workbench Profile in reference to the above Logic Group setup.



## Data Load Mapping

Data Load Mapping determines how ARM Profile ID's and balance Source Types are assigned to source system balances. Mapping rules are associated with Locations and can be assigned using several mapping methods: Explicit, Between, Multi-Dimension, and Like. Currently, we're using the #SQL to create the Profile ID.

**Note: Take notice of the script, the Target Application sequence is being utilized**

The screenshot shows the 'Data Load Mapping' window with 'Profile' selected in the 'Dimensions' dropdown. The 'Data Table Column' is 'ACCOUNT'. An 'Edit Script' dialog is open, showing the following SQL script:

```
Case
  When UD1 LIKE 'L-%' then 'PS_' + UD3X + '_' + CURKEY + ' ' + ACCOUNT
  Else 'PP_' + UD3X + '_' + CURKEY + ' ' + ACCOUNT
End
```

Below the dialog, a table shows the mapping configuration:

Source Value	Target Value
*	#SQL

The screenshot shows the 'Data Load Mapping' window with 'Source Type' selected in the 'Dimensions' dropdown. The 'Data Table Column' is 'UD1'. The 'All Mappings' tab is active, showing a table of mappings:

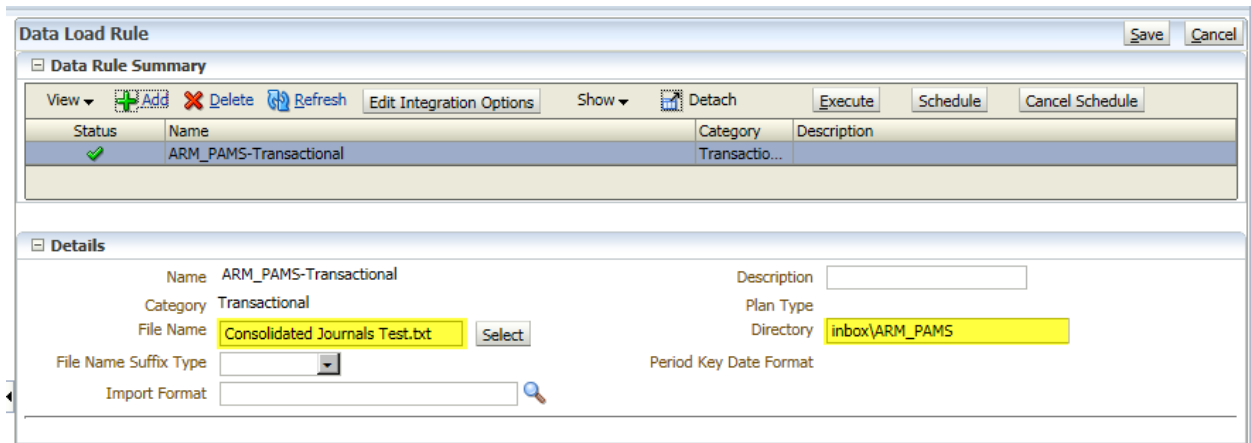
Type	Source Value	Target Value
Explicit	A	source system
Explicit	B	sub-system
Explicit	L-B	sub-system

## Data Load Rule

For each Location, one Data Load rule must be configured for each currency bucket for which balances are imported. For example, if Location A contains ledgers from which Entered and Functional currency balances are required to be imported, then two Data Load Rules will exist for this Location: one for importing Entered currency balances, and one for importing Functional currency balances. Which bucket is enabled for each reconciliation is controlled by settings within ARM.

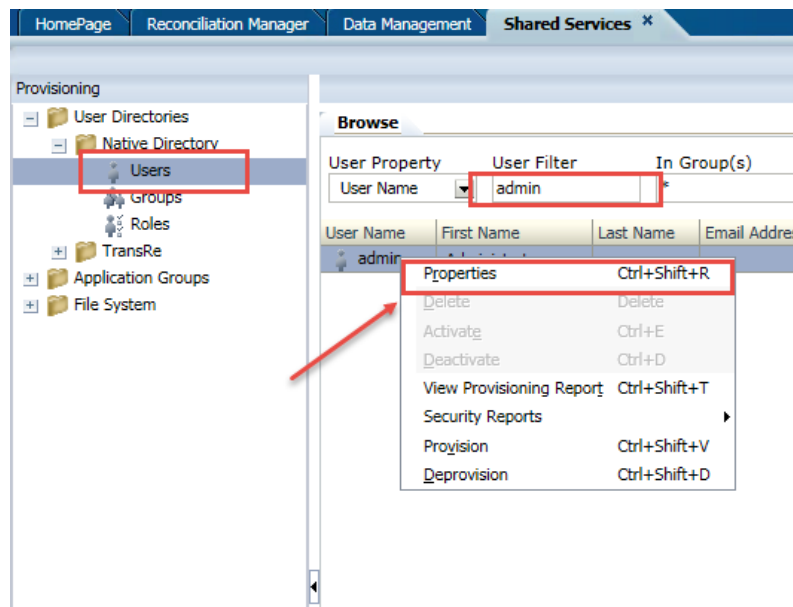
**Note: The Data Load Rule (DLR) file name and location needs to be updated prior to executing the ARM Data Load.**

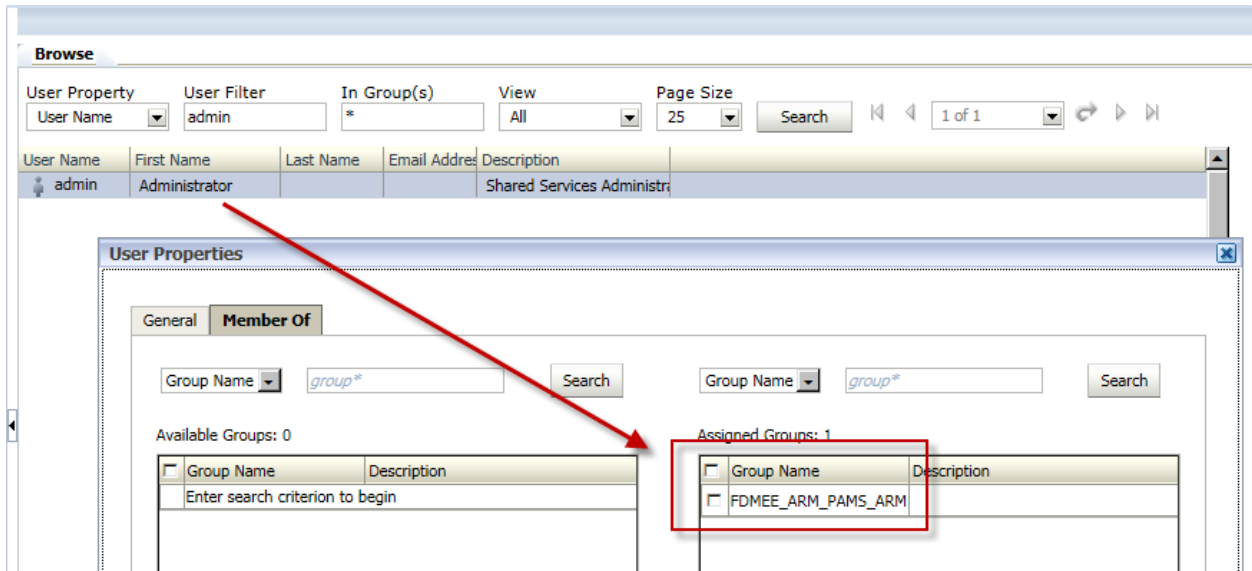
ARM triggers the FDMEE DLR to pull the data as opposed to the push data into the application concept we are normally used to.



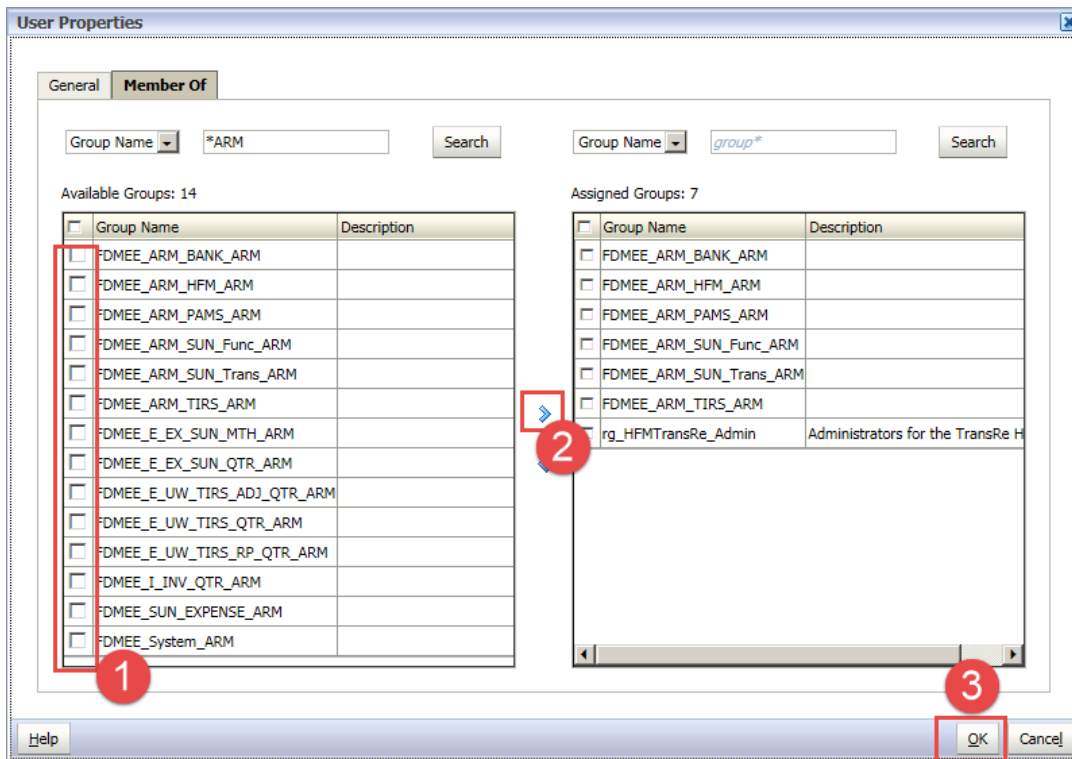
## ARM Data Load Execution Setup in Share Services Console

Before the creating a Data Load Execution in ARM, the user creating the New Data Load in ARM needs to have access in order to setup the integration. The following steps below will illustrate the configuration.





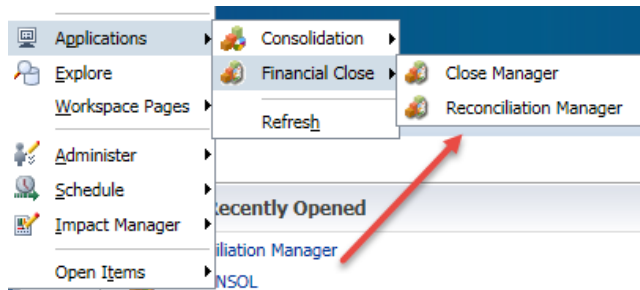
Select the Location for the user to have access in ARM to load data.



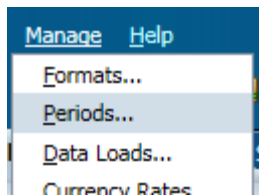


## Creating New Data Load Execution in ARM

The below illustrations will demonstrate how to setup an Data Load Execution in ARM to pull data through FDMEE.



Select the Period to load the data.



Manage Periods

Search Advanced

Name	Status	Start Date	End Date	Close Date	Frequencies	Auto Reconciliation Running	Last Reconciled	Scheduler Active
Jan 2016	▶	Jan 1, 2016	Jan 31, 2016	Jan 31, 2016	Monthly	No	Apr 7, 2016 6:00...	Yes
Dec 2015	▶	Dec 1, 2015	Dec 31, 2015	Jan 22, 2016	Monthly,Quarterly...	No	Apr 7, 2016 6:00...	Yes
Nov 2015	▶	Nov 1, 2015	Nov 30, 2015	Dec 23, 2015	Monthly	No	Apr 7, 2016 6:00...	Yes
Oct 2015	▶	Oct 1, 2015	Oct 31, 2015	Nov 24, 2015	Monthly	No	Apr 7, 2016 6:00...	Yes
Sep 2015	▶	Sep 1, 2015	Sep 30, 2015	Sep 30, 2015	Monthly,Quarterly	No	Jan 7, 2016 6:00...	Yes
Aug 2015	▶	Aug 1, 2015	Aug 31, 2015	Aug 31, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Jul 2015	▶	Jul 1, 2015	Jul 31, 2015	Jul 31, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Jun 2015	▶	Jun 1, 2015	Jun 30, 2015	Jun 30, 2015	Monthly,Quarterly	No	Feb 21, 2016 1:42...	Yes
May 2015	▶	May 1, 2015	May 31, 2015	May 31, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Apr 2015	▶	Apr 1, 2015	Apr 30, 2015	Apr 30, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Mar 2015	▶	Mar 1, 2015	Mar 31, 2015	Mar 31, 2015	Monthly,Quarterly	No	Jan 7, 2016 6:00...	Yes
Feb 2015	▶	Feb 1, 2015	Feb 28, 2015	Feb 28, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Jan 2015	▶	Jan 1, 2015	Jan 31, 2015	Jan 31, 2015	Monthly	No	Jan 7, 2016 6:00...	Yes
Dec 2014	▶	Dec 1, 2014	Dec 31, 2014	Dec 31, 2014	Monthly,Quarterly...	No	Jan 7, 2016 6:00...	Yes

Help Close

**Manage Periods**

Search

Actions View [Icons] Set Status

Name	Status	Start Date	Load Data	Close Date	Frequencies	Ar
Dec 2015	▶	Dec 1, 2015	Dec 31, 2015	Jan 22, 2016	Monthly,Quarterly,...	N
Nov 2015	▶	Nov 1, 2015	Nov 30, 2015	Dec 23, 2015	Monthly	N
Oct 2015	▶	Oct 1, 2015	Oct 31, 2015	Nov 24, 2015	Monthly	N

Create a New Data Load Execution

**Data Load Execution [Dec 2015]**

Search Advanced

Actions View [Icons]

Name	Start Date	End Date	Run By	Staging	Data Load	Post Process	Result
PAMS <span>New</span>	Feb 10, 2016...	Feb 10, 2016...	Administrator	[Icon]	[Icon]	[Icon]	
PAMS	Feb 10, 2016...	Feb 10, 2016...	Administrator	[Error]	[Error]	[Error]	Error

Create a new Data Load Execution name

**New Data Load Execution**

Use saved data load. [Dropdown]

\* Name

Description

Period Dec 2015

Mode Snapshot [Dropdown]

**Location**

File

ARM\_PAMS

**New Data Load Execution**

Use saved data load. ▼

\* Name

Description

Period Dec 2015

Mode Snapshot ▼

**Location**

- File
  - ARM\_PAMS

The locations must be selected in Shared Services Console in order for it to appear in the below illustration.

**New Data Load Execution**

Use saved data load. ▼

\* Name

Description

Period Dec 2015

Mode Snapshot ▼

**Location**

- File
  - ARM\_PAMS
  - ARM\_TIRS
  - ARM\_BANK
  - ARM\_SUN\_Trans
  - ARM\_SUN\_Func
  - ARM\_HFM

The data load will start as soon as the integration is click on OK.

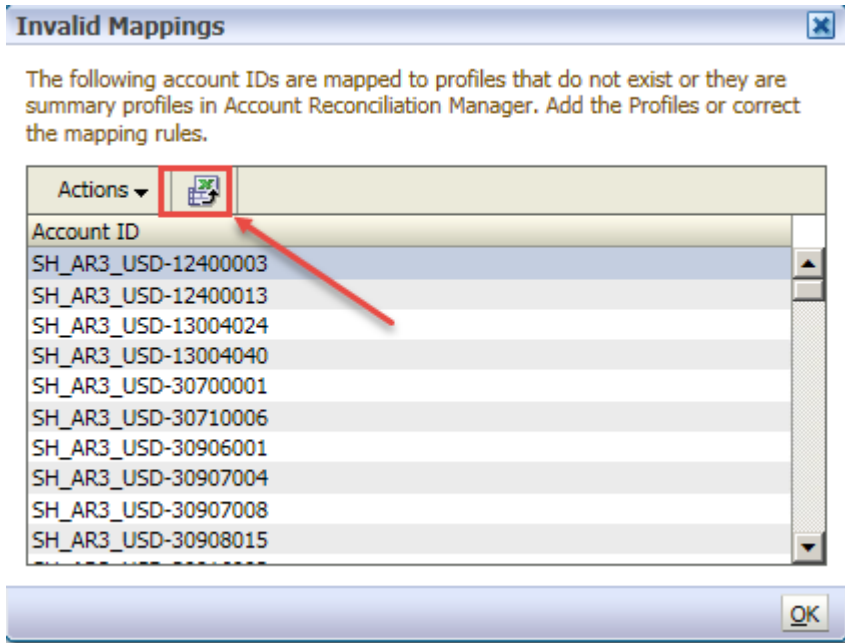
Name	Start Date	End Date	Run By	Staging	Data Load	Post Process	Result
PAMS	Feb 10, 2016...	Feb 10, 2016...	Administrator	[Icon]	[Icon]	[Icon]	
PAMS	Feb 10, 2016...	Feb 10, 2016...	Administrator	[Red Minus]	[Red Circle Minus]	[Red Circle Minus]	Error

### Invalid Mappings in ARM

Invalid mappings will appear when the Profile is not setup in ARM. This concept is similar to the Validation Error in FDMEE.

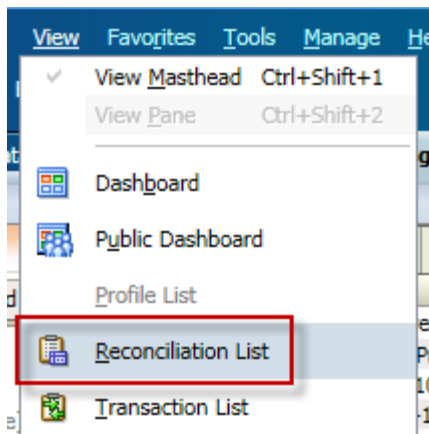
Name	Start Date	End Date	Run By	Staging	Data Load	Post Process	Result
ARM_HFM only	Mar 10, 2016...	Mar 10, 2016...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_PAMS only	Mar 10, 2016...	Mar 10, 2016...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_SUN all	Mar 8, 2016 3...	Mar 8, 2016 3...	Geordan Drummond	[Red X]	[Red Circle Minus]	[Red Circle Minus]	Error
ARM_Bank only	Mar 7, 2016 3...	Mar 7, 2016 3...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_SUN_Func_Oth	Mar 3, 2016 2...	Mar 3, 2016 2...	Administrator	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_SUN_Func_Bank only	Mar 2, 2016 4...	Mar 2, 2016 4...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_Bank only	Mar 2, 2016 3...	Mar 2, 2016 3...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_Bank only	Mar 2, 2016 2...	Mar 2, 2016 2...	Geordan Drummond	[Red X]	[Red Circle Minus]	[Red Circle Minus]	Error
ARM_PAMS only	Mar 2, 2016 8...	Mar 2, 2016 8...	Geordan Drummond	[Icon]	[Icon]	[Icon]	Invalid Mappings
ARM_SUN_Trans only	Feb 29, 2016...	Feb 29, 2016...	Geordan Drummond	[Icon]	[Icon]	[Icon]	
ARM_SUN_Trans only	Feb 29, 2016...	Feb 29, 2016...	Geordan Drummond	[Icon]	[Icon]	[Icon]	
ARM_PAMS only	Feb 29, 2016...	Feb 29, 2016...	Geordan Drummond	[Icon]	[Icon]	[Icon]	

The Profiles can be exported into excel to have the ARM admin to be added into the Application.



## Checking the data loaded in ARM

After the data load completes, the below steps will demonstrate how to view the data in ARM.



Select the Profile to check data loaded. Double click on the Profile.

Period	Account ID	Name	Status	Profile (Currency)	Item Rating	Account Type	Series
Dec 2015	PP_HUS_JPY-1030...	PAMS to PAMS HUS_JPY 10300002	0	▶ With Preparer	High	Assets	Investments_BS_PP
Dec 2015	PP_HUS_USD-103...	PAMS to PAMS HUS_USD 10300002	0	▶ With Preparer	High	Assets	Investments_BS_PP
Dec 2015	PPM_HUS_JPY-10...	PAMS to PAMS HUS_JPY 10300002 MA...	0	▶ With Preparer	High	Assets	Investments_BS
Dec 2015	PS_HUS_JPY-1030...	PAMS to SUN HUS_JPY 10300002	0	▶ With Preparer	High	Assets	Investments_BS_PS
Dec 2015	PS_HUS_USD-103...	PAMS to SUN HUS_USD 10300002	0	▶ With Preparer	High	Assets	Investments_BS_PS
Dec 2015	SH_HUS_HKD-103...	SUN to HFM HUS_HKD 10300002	0	▶ With Preparer	High	Assets	Investments_BS_SH
Dec 2015	SH_HUS_USD-103...	SUN to HFM HUS_USD 10300002	0	▶ With Preparer	High	Assets	Investments_BS_SH

Reconciliation

PP\_HUS\_JPY-10300002 - PAMS to PAMS HUS\_JPY 10300002

Summary

Adjustments to PAMS Activity (0)

Adjustments to PAMS Balance (0)

Prior Reconciliations

Reconciliation Header

Account ID Entity: PP\_HUS\_JPY Account: 10300002

Name PAMS to PAMS HUS\_JPY 10300002

Description

Period Name Dec 2015 Process Investments

Status Open (with preparer) Account Type Assets

Start Date Jan 25, 2016 Normal Balance Debit

End Date Feb 2, 2016

Balance Summary

	Transactional	Functional	Reporting
		JPY	
PAMS Activity	<a href="#">177,643,012</a>		
PAMS Balance	<a href="#">177,643,012</a>		
Difference	0		
<a href="#">Adjustments to PAMS Activity</a>	0		
Adjusted PAMS Activity	177,643,012		
<a href="#">Adjustments to PAMS Balance</a>	0		
Adjusted PAMS Balance	177,643,012		
Unexplained Difference	0		

Attachments (0)