Cortell Australia Pty Ltd

CoreBIS
Testing Verification
31/07/2022

Revision History

Date	Version	Description	Author
22/07/2022	0.1	Create Document	Rodrigo Alvarez
31/07/2022	1.0	Review document	Karl Blackler

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Table of Contents

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1.   Summary

This document sets out what testing has occurred on each change in this Month's CoreBIS release.

2.   Code Updates

2.1   CU107: When adding dimensions to cubes, rules drop off (Risk:M)

Code Update: When cubes have a dimension added, the business rules drop off the cube. These rules need to be manually added back if someone notices. Quite often, resulting in a support ticket being raised.

This code update adds to the end of the process a step to add the rules back onto the cube. There is a slight chance the rule will need to be updated to reflect the changed cube structure. In this case, an error will occur with this part of the process.

Test Goal: Test that a file is attached when a dimension or group of dimensions is added.

Test Method: Take a cube model with both Base and Tagged cubes. Both cubes have rules attached, so the rule is reattached when a new dimension is added.
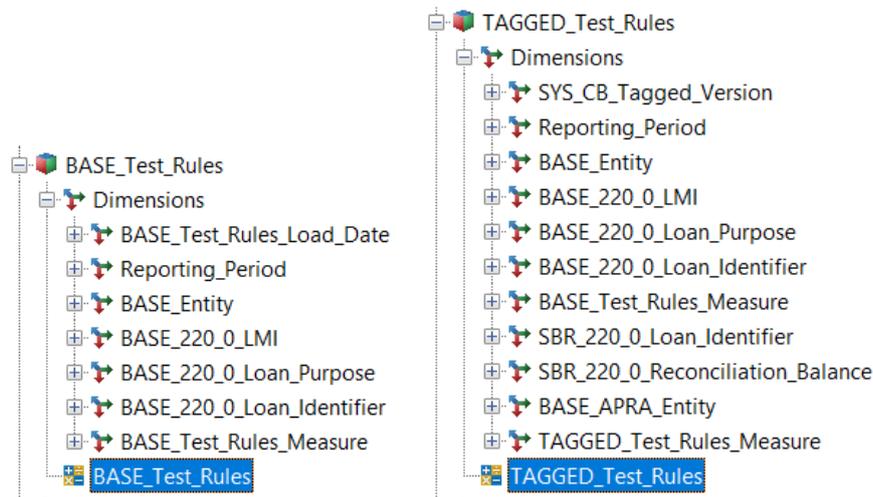
Add dimensions to the base cube in the Add Dimensions screen in CoreBuild.

Check that the process was successful.

Check that the new cubes have rules attached and the new dimensions.
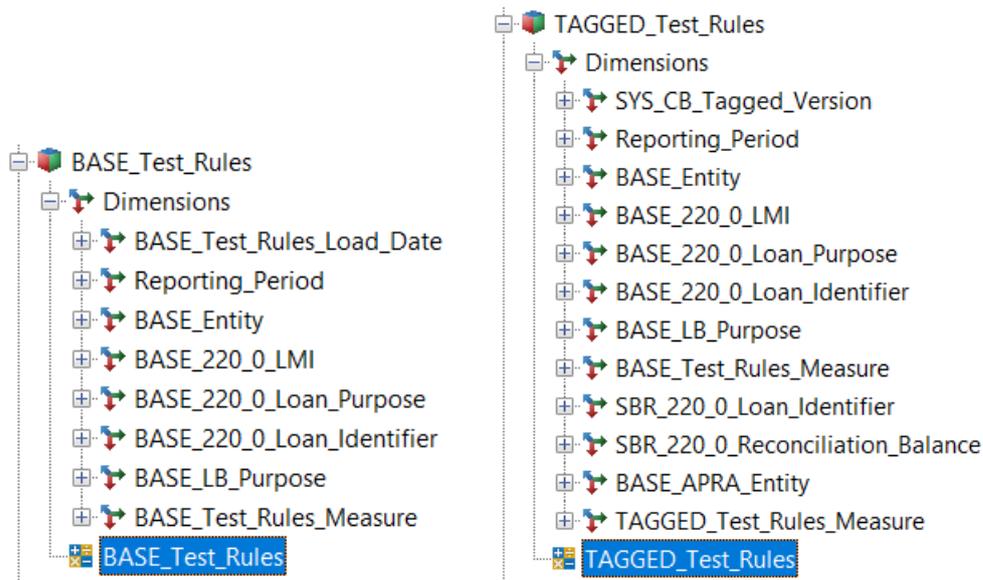
Test Status: Success

2.2 CU127: Drill not working when multiple versions of cube created (Risk:L)

Code Update: A user drills on the duplicate datasource (TAGGED_Balance_Sheet_1) number, but the drill view returns the numbers from the non-duplicate (TAGGED_Balance_Sheet). This has been updated to return the correct mapping data when creating the view.

Test Goal: Validate that drilling on the duplicate mapped datasource returns the correct number.

Test Method: Recreate a mapping of 2 datasources, 1 a duplicate of the other, and map them differently. Drill on each and ensure they return the correct values.

Drill on first datasource

Drill on second datasource

Test Status: Success

2.3 CU135: SYS_Date_Formatter Dimension needs extending (Risk:L)

Code Update: The cube load text file formatter uses a lookup dimension to calculate dates correctly. This dimension started at 1960 to 2099. This has been extended to 1900 to 2099 to cater for dates before 1960.

Test Goal: Validate that the new source files have 1900 to 1959 added.

Test Method: Open perspectives and, click in the SYS_Date_Formatter dimension, scroll down to check that elements from 1900 to 1959 were added.

Also, check that the attributes and aliases work:
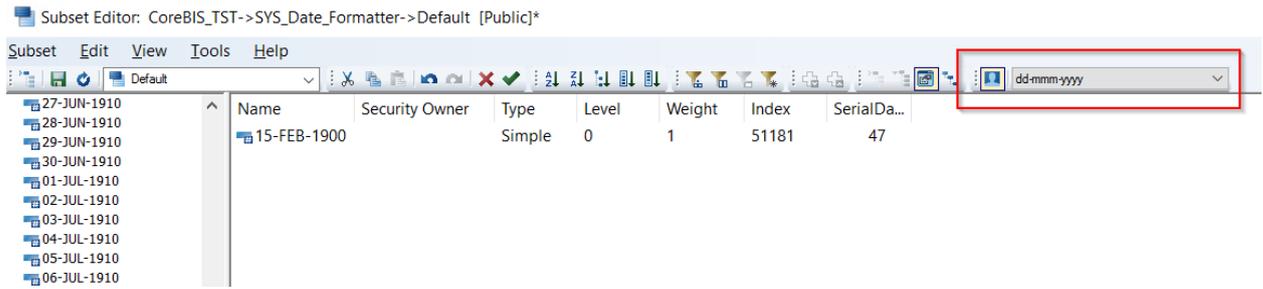
Test Status: Success

2.4 CU138: Table Item Derivation not showing after Table Mapping (Risk:L)

Code Update: This update was related to the **ARF_731_3A** and **ARF_731_3B** tables. The prior versions of these forms did not have derivations defined for the tables. In contrast, the later tables do, so any table items created on the previous version did not have the derivation column.

No update was required for the derivation updates, as the latest version has them, and the derivations were created on a table mapping rerun.

However, an update was performed to the form to point **Table4** at the "HasValue" datasource instead of the selected one, as the row would add to 0 and this would be suppressed.
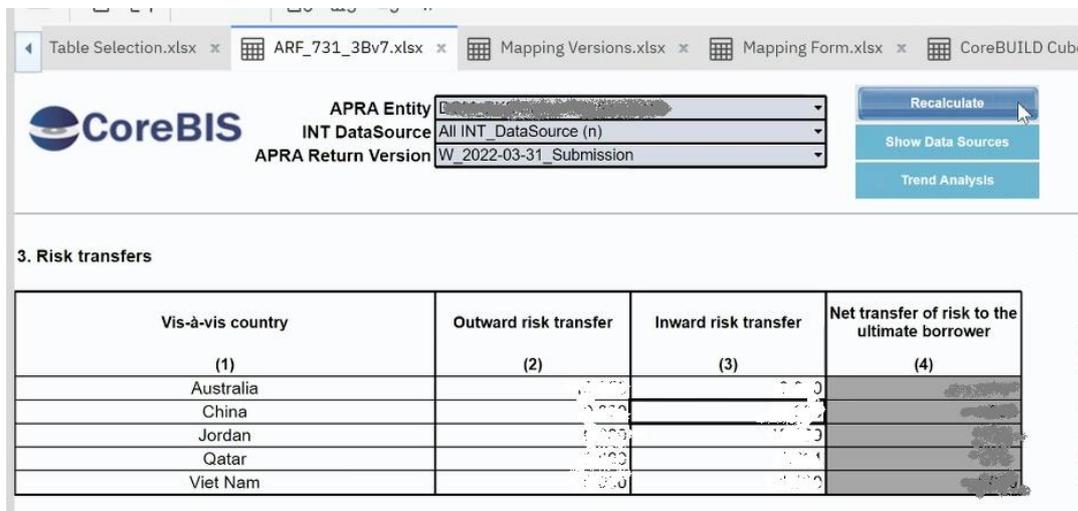
Test Goal: Check that ARF_731_3A and ARF_731_3B work as expected on Table4.

Test Method: Enter manual adjustments into the Risk transfers table for the Outward risk and ensure the table doesn't zero suppress the value.

CoreBIS — MANUAL TABLE ADJUSTMENTS

APRA Entity	LEVEL2:CoreBIS No.1
APRA Form Variant	ARF_731_3A
APRA Return Version	W_2021-09-30_Submission
APRA Attribute	R14469
APRA Table Attribute	

( )

Note: Click o

Table Number	Table Description	
TBL_ARF_731_3A_Table1	1. Claims on an immediate borrower basis: by remaining maturity and country	Tabl
TBL_ARF_731_3A_Table2	2. Claims on an immediate borrower basis: by sector of borrower and country: cross-b	
TBL_ARF_731_3A_Table3	3. Claims and liabilities on an immediate borrower basis: by sector of borrower and cou	
TBL_ARF_731_3A_Table4	4. Risk transfers	
TBL_ARF_731_3A_Table5	5. Claims on an ultimate risk basis	
TBL_ARF_731_3A_Table6	6. Derivative contracts, guarantees and credit commitments	

CoreBIS — MANUAL TABLE ADJUSTMENTS

Recalculate   Return Tabl

APRA_Entity:	LEVEL2:CoreBIS No.1
APRA_Form_Variant:	ARF_731_3A
APRA_Return_Version:	W_2021-09-30_Submission
APRA_Table:	TBL_ARF_731_3A_Table4 - 4. Risk transfers

Submit Adjustments

	R14465	R14466	R14467	R14468	Comment	Erro
	Vis-a-vis country	Outward risk transfer	Inward risk transfer	Net transfer of risk to the		
1	Switzerland	50000	0	0	testing	
2		0	0	0		
3		0	0	0		

4. Risk transfers

Vis-à-vis country (1)	Outward risk transfer (2)	Inward risk transfer (3)	Net transfer of risk to the ultimate borrower (4)
Switzerland	50,000.000	0.000	-50,000.000

Test Status: Success

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2.5   CU139: Update ODBC Open command for Unicode (Risk:H)

Code Update: We used a built-in function to execute ODBC statements that were not Unicode. An update was made to use the Unicode version of the function. ODBCOpen vs ODBCOpenEx.

Test Goal: Validate that TM1 can write in Microsoft SQL Server tables using the new ODBCOpenEx() function.

Test Method:

1.   Open a SQL Server Management Studio session.
2.   Run the Lib_Update_UL in TM1 and check that the Process ran successfully
3.   Run the following query in SQL Server and validate that the result has data in the LoadedDateTime that matches when the Lib_Update_UL process was run.

```
use CoreBIS
SELECT *
    FROM [CoreBIS].[dbo].[ul]
where
year(LoadedDateTime) = 2022
and month(LoadedDateTime) = 07
and day(LoadedDateTime)= 22 ;
```

100 %

Results   Messages

	Id	User	User Description	Rights	Count	AccessDate	LoadedDateTime
15	4948					2022-07-21	2022-07-22 02:00:01.207
16	4949					2022-07-21	2022-07-22 02:00:01.207
17	4950					2022-07-21	2022-07-22 02:00:01.210
18	4951					2022-07-21	2022-07-22 02:00:01.220
19	4952					2022-07-21	2022-07-22 02:00:01.223
20	4953					2022-07-21	2022-07-22 02:00:01.223
21	4954					2022-07-21	2022-07-22 02:00:01.227
22	4955					2022-07-21	2022-07-22 02:00:01.227
23	4956					2022-07-21	2022-07-22 02:00:01.230
24	4957					2022-07-21	2022-07-22 02:00:01.230
25	4958					2022-07-21	2022-07-22 02:00:01.233
26	4959					2022-07-21	2022-07-22 02:00:01.237
27	4960					2022-07-21	2022-07-22 02:00:01.240
28	4961					2022-07-21	2022-07-22 02:00:05.060
29	4975					2022-07-21	2022-07-22 16:16:21.480
30	4976					2022-07-21	2022-07-22 16:16:21.483
31	4977					2022-07-21	2022-07-22 16:16:21.483
32	4978					2022-07-21	2022-07-22 16:16:21.487
33	4979					2022-07-21	2022-07-22 16:16:21.487
34	4980					2022-07-21	2022-07-22 16:16:21.490
35	4981					2022-07-21	2022-07-22 16:16:21.490

Test Status: Success

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2.6   CU140: Security on Table Mapping cubes - INT_APRA_Map2 (Risk:L)

Code Update: The security was updated for the CoreBUILD group.

Test Goal: A user part of the CoreBUILD group will gain access to this cube.

Test Method: Check that a user in the CoreBUILD group can access this cube. Dropdown is showing for the user, meaning they have access to the cube.

Test Status: Success

2.7   CU141: File Formatter: Description not loading for concatenated field (Risk:L)

Code Update: The update last month, "EF128", added a concatenated field to the cube load text file formatter. However, the description field did not consider this concatenated field, so the description would not be added.

This updates the description code to consider the concatenated field so that descriptions can be added to the concatenated elements.

Test Goal: Test that a field using the concatenation field has its description updated.

Test Method:

Create a concatenated element in a test cube using the file formatter.

Check in the test screen that the concatenation is previewed, in this case the two fields are presented together.

BASE_220_0_Product	BASE...
17	
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop
CB01Proprietary	Prop

By clicking on the Edit Source of the dimension where the concatenation happened, refresh the list, and the new elements should be created with the Description selected.

CoreBIS   **MANUAL UPDATE**   Recalculate   Return to Dimensions

0	Select Dimension: BASE_220_0_Product	
0 to 78 of 78		Update Dimension List All Elements

Row	Element	Name	Type
27	CB71	CB-Variable Rate Commercial Loan P&I	Numeric
28	CB01Proprietary	CB-Basic Home Loan	Numeric
29	CB01Broker	CB-Basic Home Loan	Numeric
30	CB06Proprietary	CB-Classic Visa	Numeric
31	CB06Broker	CB-Classic Visa	Numeric
32	CB06Unknown	CB-Classic Visa	Numeric
33	CB10Proprietary	CB-Commercial Overdraft	Numeric
34	CB10Broker	CB-Commercial Overdraft	Numeric
35	CB12Proprietary	CB-Easy Home Loan	Numeric
36	CB12Broker	CB-Easy Home Loan	Numeric
37	CB18Proprietary	CB-Fixed Int Rate Loan IO	Numeric
38	CB18Broker	CB-Fixed Int Rate Loan IO	Numeric
39	CB25Proprietary	CB-Fixed Int Rate Loan P&I	Numeric
40	CB25Broker	CB-Fixed Int Rate Loan P&I	Numeric
41	CB26Proprietary	CB-Fixed Rate Commercial Loan IO	Numeric
42	CB26Broker	CB-Fixed Rate Commercial Loan IO	Numeric
43	CB19Proprietary	CB-Fixed Rate Commercial Loan P&I	Numeric
44	CB19Broker	CB-Fixed Rate Commercial Loan P&I	Numeric
45	CB31Proprietary	CB-Flexible Personal Loan	Numeric

Test Status: Success

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2.8   CU142: Table Adjustments adding many 0 adjustments (Risk:L)

Code Update: When adding table adjustments, all measures in the table are added as adjustments even if only 1 measure has a value. This results in many manual adjustments with a zero value. This update checks if the adjustment is not 0 before posting it.

Test Goal: Test that a table adjustment only adds adjustments with values.

Test Method: Add a table adjustment to the ARF_747_0B, check that only attributes with values are posted.

Enter an adjustment, expect only 1 manual adjustment not 3.

Adjustment posted successfully

1. Deposits outstanding - by counterparty & deposit type

Counterparty (1)	Deposit type (2)	Number (3)	Value (4)	Interest rate (5)
Households	Fixed-term	50,000.0	0.0	0.0

Only the 1 adjustment showing in Adjustment Report.

Test Status: Success

2.9 CU143: TM1Web Error - Workflow Overview (Risk:L)

Code Update: An error was picked up in the web servers logfiles that referenced another server name. This was tracked down to the "Data Review Menu" in the workflow. This screen had a hidden sheet with a button referencing this other server, this has been removed.

Test Goal: No error messages in the TM1Web logfile.

Test Method: Open the "Data Review Menu" in the screen and check logfiles.
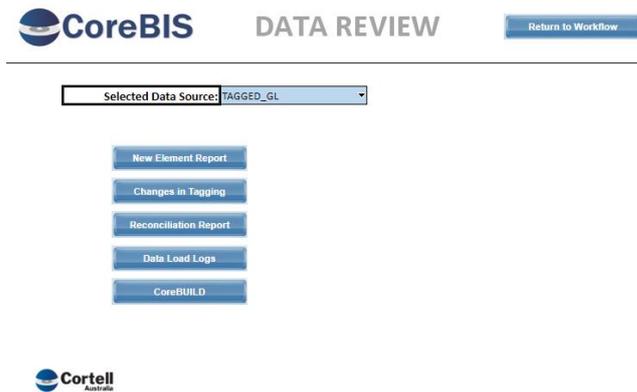
No errors found.

Test Status: Success

2.10 CU146: Return Management - Run Monthly - Causing wrong Due Date (Risk:L)

Code Update: If a form is set to run Monthly, there is an error with how the due date is calculated. This update fixes the due date.

Test Goal: The due date shows as per the formlist.

Test Method: Run the form monthly in environment without code fix, then compare to code fixed version.

Before "Run Form Monthly" and before code fix.

Run "Run Form Monthly", see date change to incorrect.

ial Exposures	ARF_731_3A	Y	3	1000000	10	04/11/2021	10		
	ARF_731_4	Y	3	1000000	2	04/11/2021	2		
equacy Return - Standardised	ARF_110_0_2	Y	1	1000000	29	04/11/2021	29		
	ARF_111_0	Y	1	1000000		04/12/2021			Yes
	ARF_112_1A	Y	1	1000000	9	04/11/2021	9		
	ARF_114_0	Y	1	1000000	3	04/11/2021	3		

Complete the same test on environment with code fix.

	ARF_731_4	Y	3	1000000	2	04/11/2021	2		
apital Adequacy Return - Standardised	ARF_110_0_2	Y	1	1000000	29	04/11/2021	29		
	ARF_111_0	Y	1	1000000	6	04/11/2021			Yes
	ARF_112_1A	Y	1	1000000	9	04/11/2021	9		

Test Status: Success

3. Enhancements to Existing Features

3.1 EF133: Add dropdown to Text File Edit screen for the archive of files after load (Risk:M)

Code Update: An enhancement has been added to the Text File Dimension and Cube load screens, allowing users to select an archive option after file load.
The selection allows users to select between "Rename File" and "Move to the Archive Folder".

Rename File

> This will rename the file with a time-date stamp after successfully loading.

Move to the Archive folder

> This will complete the rename function above before moving the file to a "Loaded" folder in the same location as the file.

Test Goal: Check that a test source file is renamed or moved to the archive as selected.

Test Method:

Rename File

In this case we will use a csv file in the text file load and we select Rename File in the Archive Options.

The file is located in the server in the Source\Cubes folder:

Load the data

Check that the file was renamed (and the converted version) with the timestamp

Move to the Archive folder

In this case, we will use a csv file in the text file load and select Rename File in the Archive Options.

The file is located in the server in the Source\Cubes folder:

Load the data

Check that the file was renamed (and the converted version), sent to a folder (newly created called Loaded) with the timestamp

4.   New Features

4.1   NF45 P2: Integrate CoreBIS with APRA Connect (Risk:H)

4.1.1   NF45 P2.1 Review Data Length of typed dimensions.

Code Update An update was applied to the tagging process to error should a typed dimension be trying to add an element over the maximum length. The same update was applied to the Table Mapping process for APRA Connect tables, so stop the same issue.

Test Goal: The tagging does not allow an element over the maximum length to be created.

Test Method: Add in elements of correct length, and check if it runs successfully. Then add in an element over the maximum length and run tagging. Try the same test on the table mapping.

The maximum length for AC_SRF_Super_Product_ID is 20 characters. All products loaded are under that.

Load tagged cube.

Data Loaded

OK

Try loading data that has more than 20 characters.

	— All BASE_SRF_Profile_Measure (n)	amount	Count
— All BASE_SRF_Product (n)	8510.00	8500.00	10.00
Product1	2603.00	2600.00	3.00
Product3	501.00	500.00	1.00
Product5	1502.00	1500.00	2.00
Product7	701.00	700.00	1.00
Product2	1902.00	1900.00	2.00
ProductProductProduct	1301.00	1300.00	1.00

Load tagged cube.

An Error has occured

OK

CoreBIS ERROR LOGS   Recalculate   Return to Process Log

TM1ProcessError_20220726014554_59524992_CB_UPDATE_Tagged.log

Line Item	Error Line	Text
1	Data procedure line (172)	2022-07-04 14:17:14,2022-03-31,1,Menu1,ProductProductProduct,IO5,A1009,amount,1300,Data Source line (5) Error >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.
2	Data procedure line (172)	2022-07-04 14:17:14,2022-03-31,1,Menu1,ProductProductProduct,IO5,A1009,Count,1,Data Source line (6) Error >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.

rror >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.

> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.

Test Status: Success

If no tagging took place, but the user wanted to use the BASE dimension directly in the Table Mapping, and the data is over the 20 character maximum length. Then the Table Mapping should error.

Rows	Columns	Context	
BASE_SRF_Product [BASE_SRF_Product]	**TAGGED_SRF_Profile_Measure:Default** [TAGGED_SRF_Profile_Measure]	**All TAGGED_Version (n)** [SYS_CB_Tagged_Version]	**2022-03-31** [Reporting_Period]

	− All TAGGED_SRF_Profile_Measure (n)	InvestmentOptionMemberAccountsCount	MemberAssetsAmount
− All BASE_SRF_Product (n)	8510.00	10.00	8500.00
Product1	2603.00	3.00	2600.00
Product3	501.00	1.00	500.00
Product5	1502.00	2.00	1500.00
Product7	701.00	1.00	700.00
Product2	1902.00	2.00	1900.00
ProductProductProduct	1301.00	1.00	1300.00

CoreBIS MAP TABLE DATA   [Recalculate]   [Return to Map Table]

Form Version	SUP_PROFILEv5	[Activate Item] [Deactivate Item] [Run this Item]
Table	SRF_606_0_Table_2.01	
DataSource	TAGGED_SRF_Profile	This Mapping Item is Active ✔
Item	1	

Table Information

Table Attribute	Location		Dimension		Hard Code to:
SuperannuationProductIdentifier	Row		ACD_SuperannuationProductIdentifier|SuperannuationProduc		
SuperannuationProductMemberAccountsC	Column				

Table Mapping

Dimensions	Specify 1 Row Attributes OR Hard Code above Row Attribute		Specify 1 Column Attribute		Add filtering to the data;
			Column Attribute	Dimension Element	Filter Data
BASE_SRF_Menu					
BASE_SRF_Product	SuperannuationProductIdentifi				
BASE_SRF_IO					
BASE_SRF_Account					
BASE_SRF_Profile_Measure					
AC_SRF_Super_Product_ID					
AC_SRF_Investment_Menu_ID					
AC_SRF_Investment_Option_ID					
BASE_APRA_Entity					
TAGGED_SRF_Profile_Measure			SuperannuationProductMemb	InvestmentOptionMemberAccountsC	

CoreBIS TABLE MAPPING   [Recalculate]   [Return to Table Mapping]

APRA Return Version	W_2022-03-31_Submission	[Process Logs]
Datasource	TAGGED_SRF_Profile	
APRA Form Version (Optional)	SUP_PROFILEv5	
APRA_Attribute_Mapping (Optional)	SRF_606_0_Table_2.01	
APRA_Table_Map_Item (Optional)	1	

[Run Mapping]

An error occured

[OK]

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CoreBIS   **ERROR LOGS**

Line Item	Error Line	Text
1	MetaData procedure line (212)	Submission,2022-03-31,All Base_Entity (n),All BASE_SRF_Menu (n),ProductP

ccountsCount,1,Data Source line (6) Error >> VALIDATION ERROR ACD_Superannuation_Product_Identifier > ProductProductProduct must be below 20 chars long.

The Table Mapping stops the invalid product from being added to the APRA Connect table.

Test Status: Success

4.1.2 NF45 P2 2: Export to XML function.

Code Update There has been an update to the XML export process to export APRA Connect XML files.

Test Goal: The D2A form still exports without issue, and the APRA Connect form/table is exported.

Test Method: Run a D2A form export, and check if the export is correct. Run the APRA Connect table export and see if that is correct.

APRA Entity: All APRA_Entity (n)
APRA Period: 2022-03-31

Remove	Run Form Monthly	Form Version Chan

APRA Entity	APRA Return	APRA Form Variant	receive
DOMESTIC:CoreBIS No.1	Quarterly Economic Financial Statistics Retu	ARF_720_5	N
	Monthly Economic Financial Statistics Retur	ARF_720_0A	N
		ARF_720_1A	N
		ARF_720_2A	N
		ARF_720_3	N
		ARF_720_4	N
		ARF_720_6	N
		ARF_720_7	N
	Monthly Economic Financial Statistics Retur	ARF_744_0B	N
		ARF_746_0B	N
		ARF_747_0B	N
		ARF_748_0B	N
	Quarterly Economic Financial Statistics Retu	ARF_730_0	N
	Monthly Economic Financial Statistics Retur	ARF_743_0	N
		ARF_745_0	N
	Australian Government SME Guarantee Sch	ARF_920_0	N
		ARF_920_2	N
AC:Cortell Australia Pty Ltd	ARS 115.0 Operational Risk	ADI_OPRISK	N
	SRS 605.0 RSE Structure	SUP_STRUCT	N
	SRS 606.0 RSE Profile	SUP_PROFILE	N

For the D2A export, we'll test exporting the "Monthly Economic Financial Statistics Return 1"

Exported Successfully

For the AC export, we'll test exporting the "SRS 606.0 RSE Profile"

Before we export to XML, we need to load some data into the 606 cubes.

CoreBIS — TABLE MAPPING

[Recalculate]   [Return to Table Mapping]

APRA Return Version: W_2022-03-31_Submission

Datasource: TAGGED_SRF_Profile

[Process Logs]

APRA Form Version (Optional): SUP_PROFILEv5

APRA_Attribute_Mapping (Optional):

APRA_Table_Map_Item (Optional):

[Run Mapping]

Rows
ACD_Superannuation_Product_Identifier
[ACD_Superannuation_Product_Identifier]

Columns
ACD_SRF_606_0_Table_2_Measure:Default
[ACD_SRF_606_0_Table_2_Measure]

Context
W_2022-03-31_Submission
[APRA_Return_Version]

	– All ACD_SRF_606_0_Table_2_Measure (n)	SuperannuationProductMemberAccountsCount
– All ACD_Superannuation_Product_Identifier (n)	10.00	10.00
Product3	1.00	1.00
Product5	2.00	2.00
Product7	1.00	1.00
Product2	2.00	2.00
Product8	1.00	1.00
Product11	3.00	3.00

CoreBIS — EXPORT TO XML

[Recalculate]   [Return to Main Menu]

APRA Entity: All APRA_Entity (n)

APRA Period: 2022-03-31

APRA Return: SRS 606.0 RSE Profile

Optional Selections:

APRA Form:

APRA Return Version: W_2022-03-31_Submission   *This will default to the Final version: 2022-03-31*
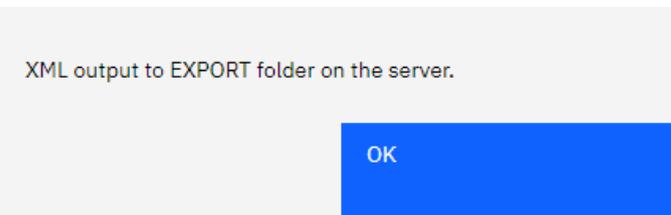
XML output to EXPORT folder on the server.

[OK]

Export folder: E:\ibm\CoreBIS_Dev\Export\

Exported Successfully

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Name

☐ AC_2022-03-31_SRS 606.0 RSE Profile_SUP_PROFILE_6200_2022JUL26_121958.xml

AC_2022-03-31_SRS 606.0 RSE Profile_SUP_PROFILE_6200_2022JUL26_121958.xml - Notepad

File   Edit   Format   View   Help

<?xml version="1.0" encoding="UTF-8"?>
<!--Created using CoreBIS @ 2022-JUL-26, 12:19:58 -->
<SUP_PROFILE type="schema" versionNumber="1" guid="30b974d1-43da-4fc5-8b
<SUP_PROFILE>
<EntityDetails>
<FirmID><value>6200</value></FirmID>
<FirmName><value>Cortell Australia Pty Ltd</value></FirmName>
<FirmRef><value>86096725567</value></FirmRef>
</EntityDetails>
<SRF_606_0_Table_2>
<SRF_606_0_Table_2_x005F_x002E_01>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>1</value>
</SuperannuationProductMemberAccountsCount>
<SuperannuationProductIdentifier>
<value>Product3</value>
</SuperannuationProductIdentifier>
</SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>2</value>
</SuperannuationProductMemberAccountsCount>
<SuperannuationProductIdentifier>
<value>Product5</value>
</SuperannuationProductIdentifier>
</SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>1</value>
</SuperannuationProductMemberAccountsCount>

Test Status: Success

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4.1.3 NF45 P2 3: Additions to the Return Management Screen for APRA Connect.

Code Update A new button (APRA Connect Management) has been added to the Return Management screen that allows the user to open up a screen for entering/pasting the APRA Connect details directly from the APRA Connect "Manage Returns" Portal screen.

Test Goal: APRA AC Entities can be set up with a valid ABN and returns/forms can be added to the Return Management Screen.

Test Method: Testing the Entity screen to ensure new entities can be added.

Check that an entity has been entered.

Entity Blank

OK
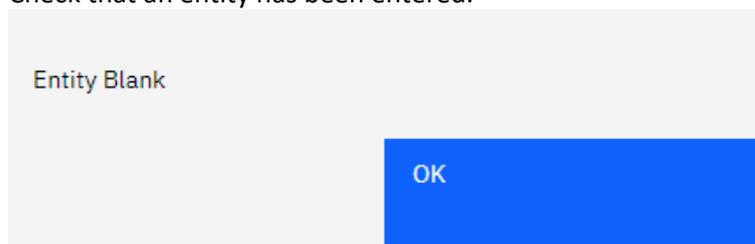
Check that name has been entered.

Name Blank

OK
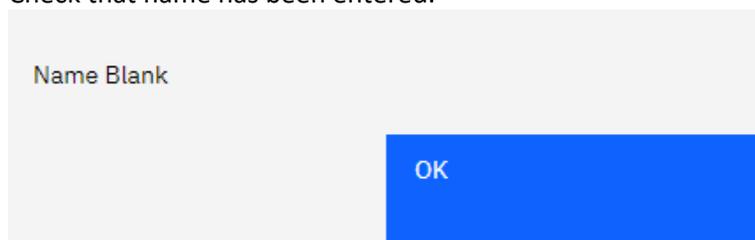
Check that ABN has been entered.

ABN Blank

OK
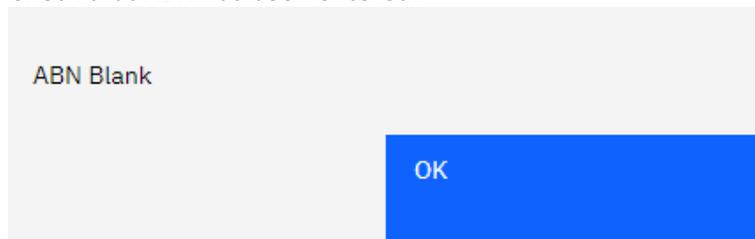
ABN can not have spaces, and must be 11 characters long.

ABN not 11 characters

OK

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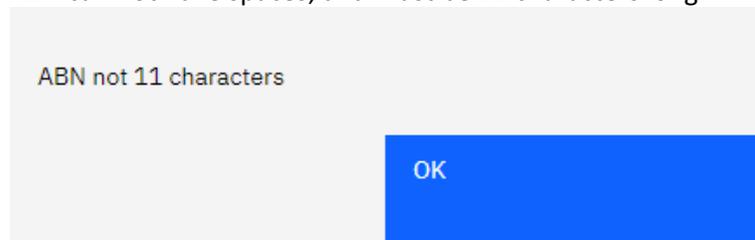
ABN must be valid.

ABN
88000014679

ABN failed ABNFormat test.

OK

Enter Correct details.

Add New Entity

Entity	Name	ABN
1234	Woolworths	88000014675

CoreBIS   APRA CONNECT ENTITY   Recalculate   Return to AC Mgmt

Add New Entity

Entity	Name	ABN
1234	Woolworths	88000014675

Add New Entity

Element	Name	ABN
1234	Woolworths	88000014675

Added successfully.

OK

Try adding it again

Entity already exists

OK

Test Status: Success

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Test adding the Return/Form information.

Login to APRA Connect and download the returns for a specific period (30/06/2022);

Paste the data into the screen

Hit the "Validate Table" button

From the list pasted only the SUP_PROFILE has been loaded into the test system.
The system should test the following for accuracy.

- Reference for a valid Form/Schema
- End Date for the reporting period
- Due Date is a date.

Can only Submit if valid. Nothing happens if not valid.
Fix sheet, and validate again.

Test Status: Success

4.2   NF50: Allocation / Apportionment Module (Risk:M)

Code Update A new feature has been added that allows values to be apportioned to a form attribute. The basis of this module is from the Attribute Calculations.

Test Goal: Adding the Numerator and Denominator to create a Ratio and then applying it to a mapped value.

Test Method: Use the ARF_720_1A values to apportion the ARF_730_0.

Find the base values to use for the Allocation. These were found on the ARF_720_1A.

1.1.1.1.1. Housing loans	15,106,595,324.0
1.1.1.1.1.1. Owner-occupied	11,633,099,086.0
1.1.1.1.1.2. Investment	3,473,496,238.0
1.1.1.1.2. Personal loans and finance leases	404,103,454.0

These attributes show the Profit & Loss value for Total Housing Interest, which needs to be split between OO and Inv on the ARF_730_0 (Before allocation)

1.1.6.1.1. Housing loans	96,574,864.0
1.1.6.1.1.1. Owner-occupied	48,287,432.0
1.1.6.1.1.2. Investment	48,287,432.0
1.1.6.1.2. Personal loans and finance leases	4.236.032.0

In the Drill screen, for the first attribute, click the "Attribute Apportionments" button

CoreBIS   **DATASOURCE DRILL**   Recalculate   Return to Form

APRA Entity	DOMESTIC:CoreBIS No.1
APRA Form Variant	ARF_730_0
APRA Return Version	W_2021-09-30_Submission
APRA Attribute	PL20029
Data Type	NUMBER
APRA Table Attribute	

Adjustments Report

( )

Data Source	Value
Rounded Values	
Total	48,287,432.00
Adjustment	-
Derivation value	-
Rounded value	48,287,432.00

Manual Adjustments

Table Adjustments

Attribute Apportionments

Attribute Calculations

Note:
The * next to the Datasource indicates this source is mapped.
Click on the "Value" and click the button below.

Unrounded Values	☑ Zero Suppress	
All Unrounded Sources		48,287,432
* TAGGED_Profit_Loss		48,287,432

Mapping

Data Lineage

Text Sources	
Total	

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Add in the Numerator and Denominator attributes to create a Ratio.

CoreBIS ATTRIBUTE APPORTIONMENTS [Recalculate] [Return to Datasource Drill]

APRA Entity DOMESTIC:CoreBIS No.1
APRA Form Variant ARF_730_0
APRA Return Version W_2021-09-30_Submission
APRA Attribute PL20029
Data Type NUMBER
APRA Table Attribute

Ratio: 77.007%

( )

Numerator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	1.00	11,633,099,086

Denominator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	1.00	11,633,099,086
2	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27566	1.00	3,473,496,238
3				-	-

This will apply 77.007% of the mapped value. Thus adding a reversal in to remove 22.993%.

Unrounded Values ☑ Zero Suppress		Note: The *
All Unrounded Sources	37,184,585	Click o
INT_DataSource_Apportionment	(11,102,847)	
* TAGGED_Profit_Loss	48,287,432	

Text Sources

You would then add the same to the second attribute.
ARF_730_0 (After allocation)

1.1.6.1.1.	Housing loans	48,287,432.0
1.1.6.1.1.1.	Owner-occupied	37,184,585.0
1.1.6.1.1.2.	Investment	11,102,847.0

Test Status: Success

Does a negative ratio work?

APRA Entity DOMESTIC:CoreBIS No.1
APRA Form Variant ARF_730_0
APRA Return Version W_2021-09-30_Submission
APRA Attribute PL20029
Data Type NUMBER
APRA Table Attribute

Ratio: -77.007%

( )

Numerator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	(1.00)	(11,633,099,086)
2					-

Unrounded Values ☑ Zero Suppress		T
All Unrounded Sources	(37,184,585)	C
INT_DataSource_Apportionment	(85,472,017)	
TAGGED_Profit_Loss	48,287,432	

Test Status: Success

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What if the apportionment has no Denominator?
Ratio = 0%, and no apportionment is applied.

What happens if the apportionment references the same attribute as you're apportioning?
The rules will stop the apportionment from referencing itself, by defaulting the value to the "Tagged data" instead of "All unrounded sources".

5. New Forms Versions

The following were updated this period;
- ARF_180_1v3
- ARF_220_0v8
- ARF_222_1v1
- ARF_222_2v1

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