Cortell Australia Pty Ltd

CoreBIS
Release Notes

30/06/2022

Revision History

Date	Version	Description	Author
22/06/2022	0.1	Create Document	Rodrigo Alvarez
30/06/2022	1.0	Review Document	Karl Blackler

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1. Summary

This document sets out the changes made to CoreBIS in this release. The release is made up of the following types of updates.

1. Monthly Changes
    a. Market Share Data
    b. Validation / Derivation rule updates
    c. APRA label data
2. Code updates
3. Enhancements to Existing Features
4. New Development Features
5. New Form Versions

2.   Monthly Updates

2.1   Market Share

This month the following was updated.

- Monthly ADI statistics
- Quarterly ADI Performance Statistics
- Quarterly ADI Property Statistics

2.2   PET Label data

A new set of PET label file is provided.

2.3   Validation / Derivation

Validation and Derivation rules will not be updated this month.

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3. Code Updates

3.1 CU136: Tagging - Add Selected Item when using Dimensions Attributes get error.

When a user tries to add a new combination in the Tagging Screen based on attributes (defined in the tagging version) using the "Add Selected Item" button, the system doesn't create the correct tagging item. This fix allows the correct item to be looked up and added when pressing the "Add Selected Item" button.

3.2 CU137: Locked Mapping defaults to TOTAL for tables. Should exclude if new table item.

When the mapping version has been locked a static copy of the mapping is taken. The mapping will look at this static copy going forward. This is required for cubes that have new SBR dimensions added to them, the mapping will default to ALL.

This locked mapping has caused issues with the table items as these are created regularly and forces the mapping to refer to the ALL elements for anything new. This is causing issues with prior submitted forms.

The solution is to ignore the static mapping for tables, so they will default back to looking up SBR dimensions as per non locked versions.

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4. Enhancements to Existing Features

4.1 EF95: Auto Cube Optimisation - Stage 1

The cubes in the application can be optimised by reordering the dimension order in-memory. This practice is completed sporadically by Cortell during deployments, but we have built a procedure to report on the correct order to put the cubes in. This report is the stage 1 of the optimisation procedure being built.

4.2 EF105: Dimension Structure Edit, no aliases

When using the "Edit Structure" button in the CoreBUILD Dimensions screen, the "Dimension Load SBR.xlsx "workbook doesn't show any alias on any of the elements. For SBR dimensions, this isn't a problem as they don't have aliases. However, the screen is used when editing the structure of the TAGGED_CUBE_Measure dimensions. With this enhancement, this screen will show the "Name" column.

4.3 EF128: Calculated Measures - text file formatter

This enhancement allows the creation of new calculated measures and a concatenation feature to a cube population through the text file formatter.

Concatenation: The file formatter now allows the creation of concatenation between existing columns in the text file. For example, if Account and SubAccount need to be combined, a new function called Concatenate allows the concatenation of those fields, with no space, one space, a dash or an underscore between them.

Select the fields you want to concatenate:

Operations between measures: Are based on the file's existing measure fields—using the weighting as a constant in the calculation is an alternative. An example calculation would be weighted average interest rate (current balance x interest rate).

First create a new measure in the measure dimension of the cube you want to use.

Then add that measure in the File formatter Measure Name Field. Leave the File Field blank and add a weight of 1.

Measure Name	File Field	Measure Weighting
Balance	Balance	1
Number of days past due	Days	1
Maturity date	DateLoanMaturity	1
Origination Date	DateAccountEffective	1
Facility Limit	Facility Limit	1
OffsetAccount Balance	OffsetAccount Balance	1
Count		1
Specific Provision	Specific Provision Amount	1
Collective Provision	Collective Provision Amount	1
Security Valuation	SecurityAppraisal	1
GRCL	GRCL	1
Balance Reversed	Balance	-1
Balance Overall		1

On the right side, you will find four new columns:

Calculation Type	Calculation Field #1	Calculation Field #2	Formula Interpretation
			= Balance*1
			= Days*1
			= DateLoanMaturity*1
			= DateAccountEffective*1
			= Facility Limit*1
			= OffsetAccount Balance*1
			= Count*1
			= Specific Provision Amount*1
			= Collective Provision Amount*1
			= SecurityAppraisal*1
			= GRCL*1
			= Balance*-1
Division (/)	Balance	Days	= (Balance / Days) * 1

Calculation Type: Select the calculation you want (+,-,*or /)

Calculation Fields: Based on the columns of your file, select up to two columns.

The formula interpretation will create an understanding of what your formula looks like. The Weight is always added at the end so ensure it is always one.

Another feature in this screen is how you can use the Weight. If a number is missing in the calculation field, you can use the weighting to replace the value, for example:

The measure weights 2.

Balance Overall			2

The second calculation field is blank.

Division (/)	Balance		= (Balance / 2)

The Weight is replaced with a 2 in the Calculation field, allowing constants to be used in the formula. The same happens if the Calculation field one is set to blank.

5. New Features

5.1 NF45 Phase 1: Integrate CoreBIS with APRA Connect

As anticipated by APRA in the last months, APRA Connect is the new data collection solution for reporting entities to lodge entity information and data with APRA. APRA Connect will progressively replace Direct to APRA (D2A). CoreBIS is getting updated and integrated into this new system, and upcoming changes will be delivered in the following months in CoreBIS.

In June 2022, the CoreBIS team is delivering the first stage of changes which includes the following features:

5.1.1 NF45.1 Converting AC Taxonomy for reading into SQL.

Back-end feature. The taxonomy from APRA is provided natively in spreadsheet and XSD files. Within automatic programming, the taxonomy is translated to SQL (the database where all the CoreBIS information is stored), ready to be deployed into the rules and data used in CoreBIS.

5.1.2 NF45.2 Update TI processes to add in the AC SQL Tables

Back-end feature. The job processes to transfer the new taxonomy changes described above into CoreBIS were built to be ready from the SQL Database.

5.1.3 NF45.3 Connect Dimensions - Available in the Add New dimension dropdown.

Front End and Back-end features. APRA Connect or (AC) dimensions are now available in the CoreBuild Dimension Editor dropdown list.

In the select Dimension, Type is possible to select Connect Dimension.

New APRA Connect dimensions are available now to select: (This list is determined by the taxonomies installed in your environment)

Similar to Base and SBR dimensions, the APRA Connect dimensions will have an AC prefixed to its name to be ready for tagged cubes.

Dimension Name	Dimension Type	Updated From	Auto Update
AC_FeesAndCostsComponentActivityType	Connect	APRA	Y
AC_InvestmentExpenseServiceType	Connect	APRA	Y
AC_LifecycleTriggerAgeIndicator	Connect	APRA	Y
AC_NewConnectDimension	Connect	APRA	Y
AC_OpenToNewMembersInvestmentOptionIndicator	Connect	APRA	Y
AC_SuperannuationFundOrLicenseeType	Connect	APRA	Y
AC_Testing_SPI	Connect	APRA	Y

5.1.4 NF45.4 Update Tagging screen to show cube dimensions

Front End feature. A new Tagging Overview screen was created to show cube dimensions and replace the previous one. This functionality was not a requirement for APRA connect but was incorporated in the built to select Dimension more easily.

Instructions on how to use it

1. Select a tagged cube from the left and click the >Dimensions> button

2. The dimensions that can be tagged will appear under dimensions along with their Tagging version for the current period. Select a dimension and click >Tagging> to go to the Tagging Version screen. The tagging version screen has not been changed.

5.1.5 NF45.5 Connect Dimensions - Work in Dimension Add to Cube feature

Front End and Back-end features. The add dimensions screen in CoreBuild dimensions allows including APRA Connect dimensions to tagging cubes.

5.1.6 NF45.6 Connect Dimensions - Work in Tagging

Front End and Back-end features. The tagging procedure in CoreBuild allows tagging within APRA Connect dimensions.

5.1.7 NF45.7 Connect Dimensions - Updates to CoreBUILD functionality, Manual edit, Structure Edits

Front End feature. The manual edits and the Structure Edit screens in CoreBuild support APRA Connect dimensions.

New APRA Connect dimensions are available to work with the Edit Structure and Manual Updates, like the other dimensions.

5.1.8 NF45.8 Update Table mapping to allow mapping for AC tables.

The table mapping process was updated and upgraded to allow mapping for the APRA Connect dimension.

In the system filter, it is possible to select D2A or Connect.

When a form is selected, the Map table allows having Table information from the APRA Connect dimensions.

The Map Table Data Screen has been updated to make it easier to read, and to add a new "Hard Coded" element.

The APRA Connect table mapping also includes 2 custom dimensions that can be mapped per table.

The Table Mapping works differently for APRA Connect tables to D2A tables.

When the Table Mapping is run for APRA connect tables the data is copied to the table at this point, it doesn't simply map the items but rather update the data within the table. Because the Table Mapping allows for infinite mappings between the cubes it means there is infinite flexibility too.

6. New Form Versions