

BALANCING of MIDAS GL Data

Schema Name: RPTOUT_MDS (MIDAS PROD INSTANCE) Stageout Schema
Prefix: MIDAS (ROMD)

Schema Name: RPTIN_MDS (RPT_PROD INSTANCE) StageIn Schema
Prefix: RIMD

Criteria 811:

HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data

System to Balance: RIMD
System to Balance with: MIDAS

Tables Used: RIMD_POLICY_GL_ACCOUNTS
ROMD_POLICY_GL_ACCOUNTS@MDS_PROD_RPTOUT_MDS
HAL_APP_CURRENT_PROCESS_DATES

Columns Used: As of Date
Account Code
International Report Ind
Primary Branch Org Name
Dept
Month To Date Amt
Year To Date Amt

Query/View for RI IMD : Q811RIMD_PolicyGL_Accts_RIMD	Query/View for MIDAS : Q811RIMD_PolicyGL_Accts_MIDAS
<pre> SELECT t1.as_of_date grp01, t1.account_code grp02, t1.international_report_ind grp03, nvl(t1.primary_branch_org_name,'') grp04, t1.dept grp05, sum(nvl(t1.month_to_date_amt,0)) sum01, sum(nvl(t1.year_to_date_amt,0)) sum02, 0 sum03, 0 sum04, 0 sum05, 0 sum06, 0 sum07, 0 sum08, 0 sum09, 0 sum10, 0 count FROM rimd_policy_gl_accounts t1, HAL_APP_CURRENT_PROCESS_DATES t2 where t1.as_of_date = t2.hal_as_of_date And t2.application_id = 2 --Midas Application Id GROUP BY t1.as_of_date , t1.account_code , t1.international_report_ind , t1.primary_branch_org_name, t1.dept </pre>	<pre> SELECT t1.as_of_date grp01, t1.account_code grp02, t1.international_report_ind grp03, nvl(t1.primary_branch_org_name,'') grp04, t1.dept grp05, sum(nvl(t1.month_to_date_amt,0)) sum01, sum(nvl(t1.year_to_date_amt,0)) sum02, 0 sum03, 0 sum04, 0 sum05, 0 sum06, 0 sum07, 0 sum08, 0 sum09, 0 sum10, 0 count FROM romd_policy_gl_accounts@MDS_PROD_RPTOUT_MDS t1, HAL_APP_CURRENT_PROCESS_DATES t2 where t1.as_of_date = t2.hal_as_of_date And t2.application_id = 2 --Midas Application Id GROUP BY t1.as_of_date , t1.account_code , t1.international_report_ind , t1.primary_branch_org_name, t1.dept </pre>

Note:

- We compare the data from RIMD POLICY GL ACCOUNTS table with ROMD POLICY GL ACCOUNTS
 - The columns from RIMD POLICY GL ACCOUNTS table are the same as ROMD POLICY GL ACCOUNTS table
 - The HAL_APP_CURRENT_PROCESS_DATES table is joined in both the queries to retrieve data for the same date range.
- When we run the queries we retrieve the following results:
- A. This tells us at what time the process was started and how long it took to complete the process.

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Program execution started on 11/25/2003 at 13:43:31
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Criteria : (811) HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data
Process Date: 20031124
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Processing Query : Q811RIMD_PolicyGL_Accts_RIMD at 13:43:31
Processing Query : Q811RIMD_PolicyGL_Accts_MIDAS at 13:43:35
-----
Program execution completed on 11/25/2003 at 13:43:53
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```

B. we then find out whether the 2 queries balanced.

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Company Name: MBIA Inc.
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Balancing HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data for 20031124
*****
Subject Area : RIMD_PolicyGL_Accts
*****
Purpose: To make sure the totals balance from RIMD to MIDAS
-----
Status : BALANCED
-----
* HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data for RIMD BALANCED with MIDAS
for the date 20031124.
-----
```

- The figure below demonstrates the output between the 2 queries.
- Status: **BALANCED** means that the amounts from both the RIMD POLICY GL ACCOUNTS & ROMD POLICY GL ACCOUNTS table have matched.

The screenshot shows a software window titled 'balancing: Previewer'. Inside, there's a 'Balancing Report' for the date 11/24/2003. The report details the criteria as '811 HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data' and the subject area as 'RIMD_PolicyGL_Accts'. It shows a 'Tolerance %' of 0.00 and a final 'Status' of **BALANCED**. The window includes standard menu options like File, View, and Help, and a toolbar with various icons.

Things to Consider:

There could be some scenarios as to why both the RIMD POLICY GL ACCOUNTS and the ROMD POLICY GL ACCOUNTS table would not match.

This could be due to the following:

- Either there is no data in one of the tables for the specified date, this would give the following Message: **Balanced (No Activity)** ;
- When the query was created the columns from one table do not match with columns of the other table
- There was a change made in either the processing or the balancing query
- There could be issues with Rounding of the Totals: This can be resolved by defining Tolerance level to produce the following message: **BALANCED (UNDER TOLERANCE LEVEL)**
- When we run the queries and if the Indicator is not checked to stop processing; if there is an error the results will be generated even though there are problems with the data and a message will be displayed .
- We also provide the Contact Person to resolve any issues.

This is a configuration form for balancing. It contains several fields:

- Subject Area:** A text box containing 'RIMD_PolicyGL_Accts'.
- Purpose to balance this subject area:** A text box containing 'To make sure the totals balance from RIMD to MIDAS'.
- Stop Processing, if this subject area does not balance?:** A checkbox that is checked.
- Message to display when it does not balance:** A text box containing 'Totals do not balance'.
- How would you resolve out of balance?:** A text box containing 'Uma/Kashyap'. A red arrow points to this field.
- Tolerance %:** A text box containing '0.00'.
- Status:** A text box containing 'Active'.
- Discrepancy Report:** A button located at the bottom right.

Here is an example to demonstrate one of the Criteria's for an unbalanced results:

- We use both the RIMD POLICY GL ACCOUNTS & the ROMD POLICY GL ACCOUNTS tables
- A change is made to the ROMD POLICY GL ACCOUNTS query where the column a " -1 " is multiplied to the sum of "year_to_date_amt" column in the query.
- In figure below you will notice that the Query for RIMD POLICY GL ACCOUNTS does not have a negative of the sum for Year To date Amts column whereas the ROMD POLICY GL ACCOUNTS query is retrieving a negative for the sum Year To date Amts column.

Query/View for RIMD : Q811RIMD_PolicyGL_Accts_RIMD	Query/View for MIDAS : Q811RIMD_PolicyGL_Accts_MIDAS
<pre> SELECT t1.as_of_date grp01, t1.account_code grp02, t1.international_report_ind grp03, nvl(t1.primary_branch_org_name,'') grp04, t1.dept grp05, sum(nvl(t1.month_to_date_amt,0)) sum01, sum(nvl(t1.year_to_date_amt,0)) sum02, 0 sum03, 0 sum04, 0 sum05, 0 sum06, 0 sum07, 0 sum08, 0 sum09, 0 sum10, 0 count FROM rimd_policy_gl_accounts t1, HAL_APP_CURRENT_PROCESS_DATES t2 where t1.as_of_date = t2.hal_as_of_date And t2.application_id = 2 --Midas Application Id GROUP BY t1.as_of_date , t1.account_code , t1.international_report_ind , t1.primary_branch_org_name, t1.dept </pre>	<pre> SELECT t1.as_of_date grp01, t1.account_code grp02, t1.international_report_ind grp03, nvl(t1.primary_branch_org_name,'') grp04, t1.dept grp05, sum(nvl(t1.month_to_date_amt,0)) sum01, -1* sum(nvl(t1.year_to_date_amt,0)) sum02, 0 sum03, 0 sum04, 0 sum05, 0 sum06, 0 sum07, 0 sum08, 0 sum09, 0 sum10, 0 count FROM romd_policy_gl_accounts@MDS_PROD_RPTOUT_MDS t1, HAL_APP_CURRENT_PROCESS_DATES t2 where t1.as_of_date = t2.hal_as_of_date And t2.application_id = 2 --Midas Application Id GROUP BY t1.as_of_date , t1.account_code , t1.international_report_ind , t1.primary_branch_org_name, t1.dept </pre>

- We then execute the 2 queries

A. We find out what time the process was started and how long it took to complete the process.

Program execution started on 11/25/2003 at 13:26:03

Criteria : (811) HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data
Process Date: 20031124

Processing Query : Q811RIMD_PolicyGL_Accts_RIMD at 13:26:03
Processing Query : Q811RIMD_PolicyGL_Accts_MIDAS at 13:26:07

Program execution completed on 11/25/2003 at 13:26:25

B. We then find out whether the 2 queries balanced.

```

Company Name: MBIA Inc.

Balancing HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data for 20031124
*****
Subject Area : RIMD_PolicyGL_Accts
*****
Purpose: To make sure the totals balance from RIMD to MIDAS

Status : DOES NOT BALANCE

Totals do not balance

? Discrepancies for RIMD_PolicyGL_Accts (Tolerance % :)

? Column Title      : Year To Date Amt
? Total Value in RIMD : 5431443967.094
? Total Value in MIDAS : -5431443967.094
? Difference of      : 10862887934.188
? Tolerance Value    :

* HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data for RIMD DOES NOT BALANCE
with MIDAS for the date 20031124.

Error balancing the HFM - Certify Midas Policy GL and SUPPGL Source Data In Stagein.

```

- The figure below demonstrates the output between the 2 queries.
 - The figure below shows the output if the 2 queries
- Status: **Does Not Balance** means that the amounts from both the RIMD POLICY GL ACCOUNTS and the ROMD POLICY GL ACCOUNTS table have not matched.
- There is a difference in value for **Column Name: Year To Date Amt** since ROIMD POLICY GL ACCOUNTS query had a format of **"-1"** therefore it generated an negative amount.

balancing: Previewer					
File View Help					
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11/25/2003 01:28 pm					
Balancing Report					
Balancing Date: 11/24/2003					
Criteria: 811 HFM - Certify Midas Policy RIMD GL and SUPPGL Source Data					
Subject Area: RIMD_PolicyGL_Accts Tolerance %: 0.00 Status: DOES NOT BALANCE					
Column Name	Value in Reporting input staging area for Midas data extracts		Value in Midas Application		
As of Date	30-SEP-2003		30-SEP-2003		
Account Code	1-1112		1-1112		
International Report Ind	N		N		
Primary Branch Org Name					
Dept	AB		AB		
Month To Date Amt	16,620,710.900		16,620,710.900		
Year To Date Amt	169,721,809.960		- 169,721,809.960		339,443,619.920
Sum03	.000		.000		.000
Sum04	.000		.000		.000
Sum05	.000		.000		.000
Sum06	.000		.000		.000
Sum07	.000		.000		.000
Sum08	.000		.000		.000
Sum09	.000		.000		.000
Sum10	.000		.000		.000
Count					