

PAMtutorials 23 - PAMreports – PAMadmin

PAM administration made easy!

**PIPER-Rx Application Monitor – PAM
VIRTUAL APPS ADMINISTRATOR**

PAM Version 4.0

“Blurring the line between software product and training”

November 2013

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1 Background

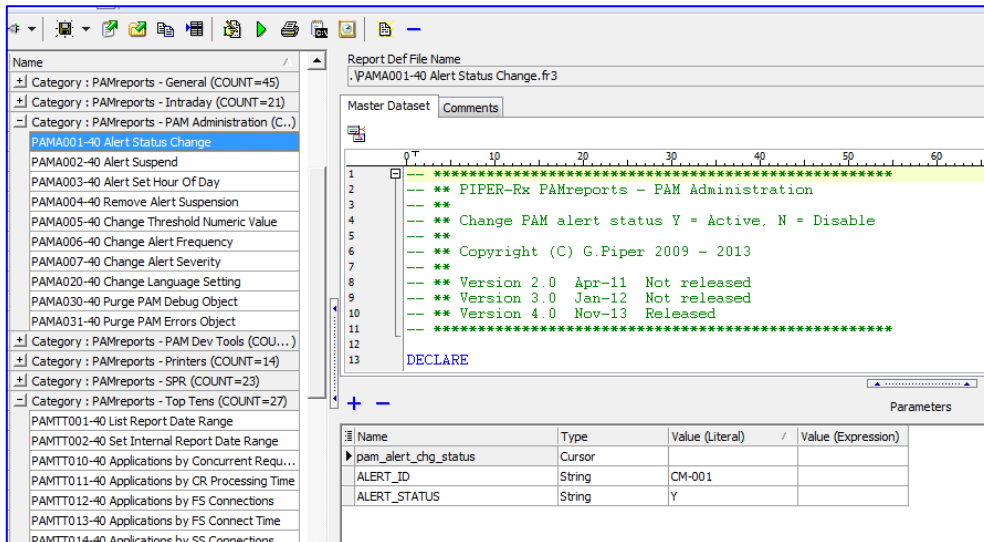
During the development of *PAM* version 4 some simple TOAD® reports to perform very basic *PAM* administration were added.

WARNING: There is little to no validation when performing updates using the *PAMreports* *PAM* Admin reports.

2 Enabling / Disabling PAM alerts

PAM alerts are enabled / disabled by changing the PAM alert status value (Y = Enabled and N = Disabled).

The PAMreports PAM Administration - PAMA001 Alert Status Change allows you to enable or disable PAM alerts.

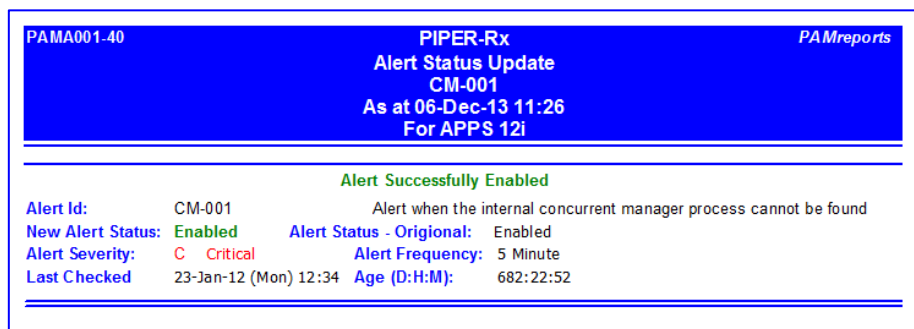


Parameter 1 – ALERT_ID
The alert ID you wish to enable or disable.

Parameter 2 – ALERT_STATUS
Valid values are 'Y' or 'N'. Any other value will not update the alert.

To obtain a list of PAM alerts you can use the PAMreports Config - PAMC001a PAM Config (basic) report or the PAMappview PAM Checks page.

On completion of the update a change report will be generated.

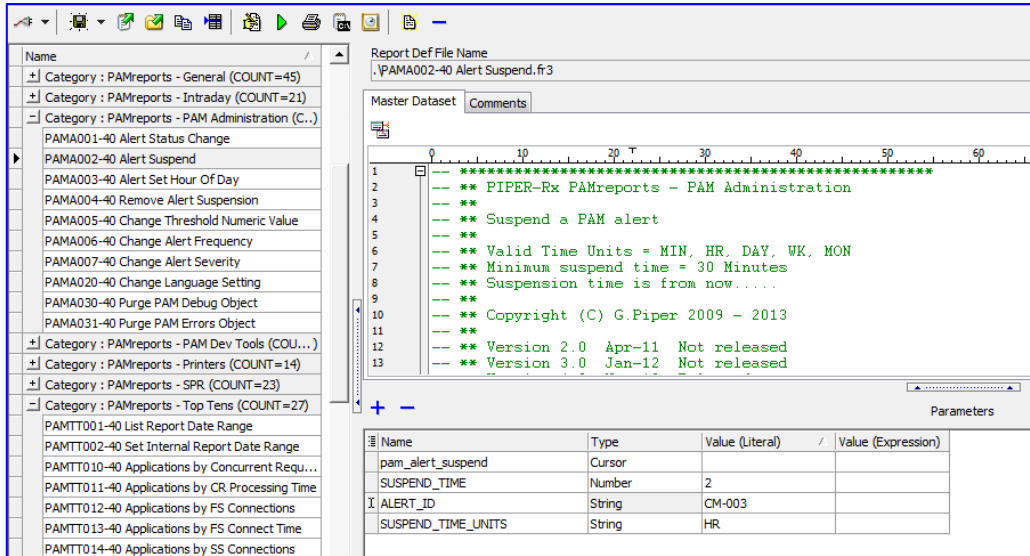


If an invalid status is entered you will be notified in the change report.

PAMA001-40	PIPER-Rx	PAMreports
Alert Status Update CM-001 As at 06-Dec-13 11:28 For APPS 12i		
Invalid Alert Status Value - Alert Not Updated		
Alert Id:	CM-001	Alert when the internal concurrent manager process cannot be found
New Alert Status:	Enabled	Alert Status - Original: Enabled
Alert Severity:	C Critical	Alert Frequency: 5 Minute
Last Checked	23-Jan-12 (Mon) 12:34	Age (D:H:M): 682:22:54

3 Suspending a PAM Alert

PAM alert checks can be suspended for a period of time using the PAMreports PAM Administration - PAMA002 Alert Suspend.



Parameter 1 – ALERT_ID
The alert ID you wish to suspend.

Parameter 2 – SUSPEND_IME
The number of units you wish to suspend the alert.

Parameter 2 – SUSPEND_TIME_UNITS
Valid values MIN, HR, DAY, WK, MON

To obtain a list of PAM alerts you can use the PAMreports Config - PAMC001a PAM Config (basic) report.

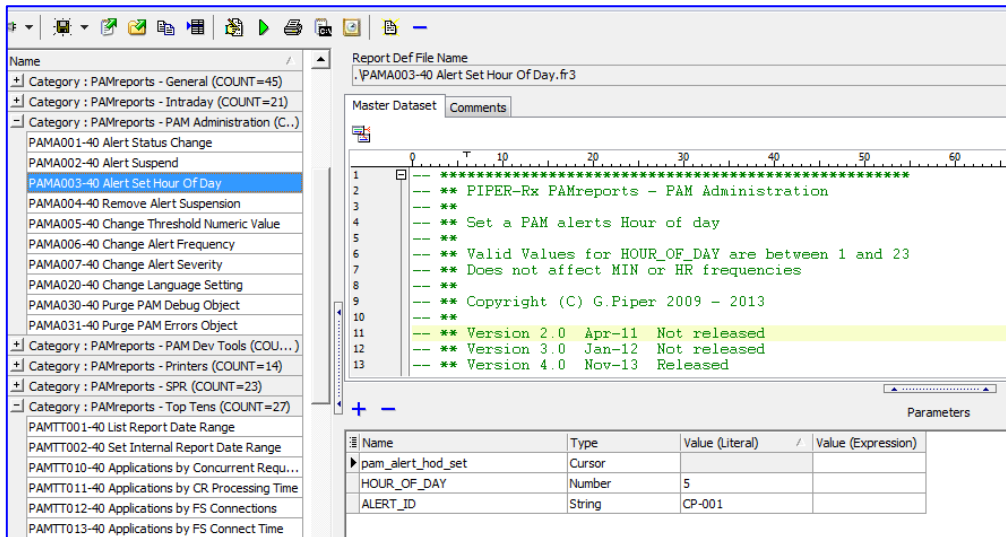
On completion of the update a change report will be generated.

PAMA002-40		PIPER-Rx Suspend PAM Alert CM-003 As at 06-Dec-13 12:00 For APPS 12i		PAMreports
Alert CM-003 suspended for 2 hour/s				
Alert Id:	CM-003	Alert when potential long running requests are found		
Alert	Enabled			
Alert Severity:	Warning	Alert Frequency:	10 Minute	
Next Checked Date:	06-Dec-13 (Fri) 14:00	Time to Next Check (D:H:M):	00:02:00	

4 Setting Alert Hour of Day

Alerts that run daily, weekly or monthly are set to run at a time of day (default 5am). Alerts with a frequency of MIN (Minutes) and HR (Hourly) are **not** affected by the hour of day value.

The **PAMreports PAM Administration - PAMA003 Alert Set Hour Of Day** allows you to change the hour of day an alert will run.



Parameter 1 – ALERT_ID
The alert ID you wish to set the hour of day

Parameter 2 – HOUR_OF_DAY
The hour of day you wish the alert to be run

To obtain a list of **PAM** alerts including Hour of Day, you can use the **PAMreports Config - PAMC001 PAM Config** report.

Example **PAMreports Config - PAMC001 PAM Config** report

Alert ID	Alert Description	Alert Status	Alert Frequency
AAA - Application Accounts Audit			
AAA-001	Alert when new accounts created	Active	1 Day
Package:	PIPER_RX_PAM_AAA_MONITOR	AAA_NEW_ACCOUNTS	Alert Action AAA-001
Last Checked:	06-Dec-13 (Fri) 05:00	Last Checked Age 556 Minutes	0.4 Days
Threshold:		Number: 5	Varchar
Working Values:	Group count - To prevent large number of alerts being generated	Number: 5	Varchar
Severity:	I - Informational	Alert Hour of Day: 05:00	Tutorial Reference: 21

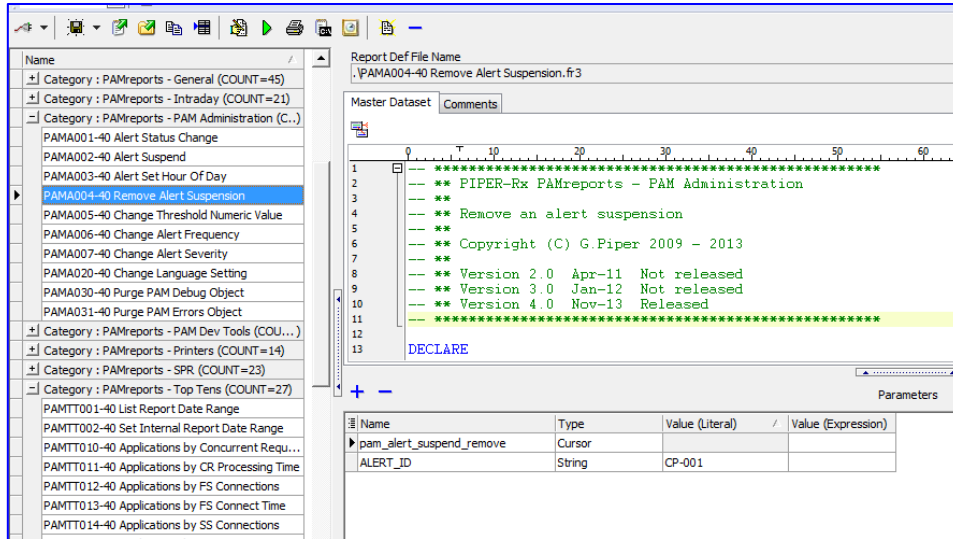
On completion of the update a change report will be generated.

PAMA003-40	PIPER-Rx	PAMreports
Alert Set Hour of Day CP-001 As at 06-Dec-13 12:11 For APPS 12i		
Alert Hour of Day Updated to 05:00		
Alert Id:	CP-001	Alert when selected programs are either missing or on-hold
Alert	Enabled	
Alert Severity:	Informational	Alert Frequency: 1 Week
Next Checked Date:	02-Dec-13 (Mon)	Hour of Day: 05:00 Time to Next Check (D:H:M): -04:-07:-11

5 Remove an alert suspension

An alert that has been suspended can have the suspension removed. Removing a suspension will set the last run date to the current date and time, with the normal run period starting from the current time.

The **PAMreports PAM Administration - PAMA004 Remove Alert Suspension** resets the last run time of the alert to the current date and time.



Parameter 1 – ALERT_ID

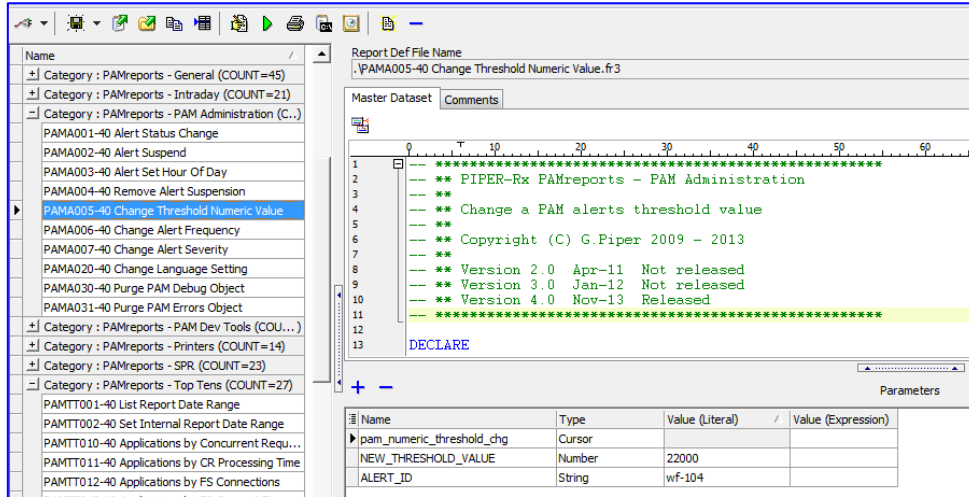
The alert ID you wish to reset the last run time.

On completion of the update a change report will be generated.

PAMA004-40		PIPER-Rx Remove PAM Alert Suspension CM-003 As at 06-Dec-13 12:18 For APPS 12i	<i>PAMreports</i>
Alert Suspension Removed			
Alert Id:	CM-003	Alert when potential long running requests are found	
Alert	Enabled		
Alert Severity:	Warning	Alert Frequency:	10 Minute
Next Checked:	06-Dec-13 (Fri) 12:18	Hour of Day:	05:00

6 Change an Alert's Threshold Numeric Value

An alerts numeric threshold can be change using the **PAMreports PAM Administration - PAMA005 Change Threshold Numeric Value** report.



Parameter 1 – ALERT_ID

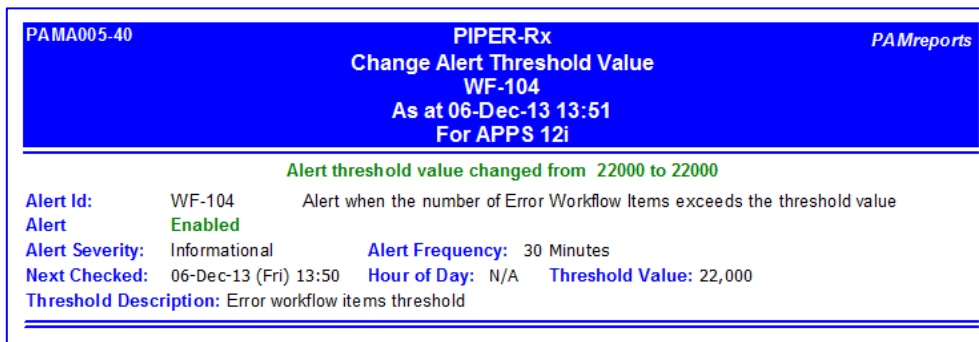
The alert ID you wish to set the threshold value.

Parameter 2 – NEW_THRESHOLD_VALUE

The new threshold value. Must be greater or equal to zero.

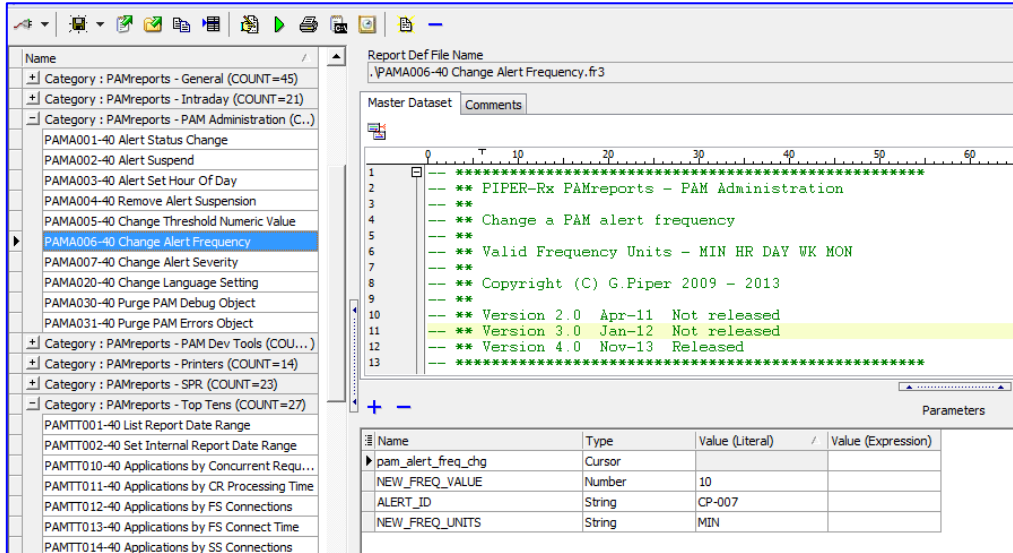
To obtain a list of **PAM** alert thresholds you can use the **PAMreports Config - PAMC001b-40 PAM Config (thresholds)** report or the **PAMappview PAM Thresholds** page.

On completion of the update a change report will be generated.



7 Change an Alert Frequency

An alert frequency can be change using the **PAMreports PAM Administration - PAMA006 Change Alert Frequency** report.



Parameter 1 – ALERT_ID

The alert ID you wish to change the alert frequency.

Parameter 2 – NEW_FREQ_VALUE

The new threshold value.

Parameter 3 – NEW_FREQ_UNITS

The new threshold value unit's value. Valid Frequency Units – MIN, HR, DAY, WK and MON

To obtain a list of **PAM** alert frequencies you can use the **PAMreports Config - PAMC001c-40 PAM Config (frequency)** report or the **PAMappview PAM Checks** page.

On completion of the update a change report will be generated.

PAMA006-40
PAMreports

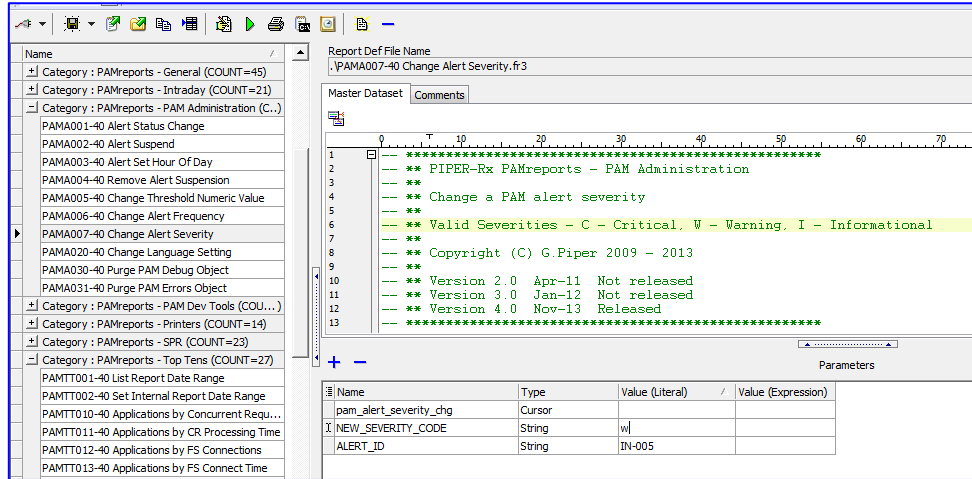
**PIPER-Rx
Change Alert Frequency
CP-007
As at 06-Dec-13 14:00
For APPS 12i**

Alert frequency changed from 1 Week to 15 Minutes

Alert Id: CP-007	Alert when duplicate scheduled request are detected
Alert	Enabled
Alert Severity: Informational	Alert Frequency: 15 Minutes
Last Checked: 02-Dec-13 (Mon)	Hour of Day: 05:00 Threshold Value: 3

8 Changing an Alerts Severity

An alerts severity can be change using the **PAMreports PAM Administration - PAMA007 Change Alert Severity** report.



Parameter 1 – ALERT_ID

The alert ID you wish to change the alert frequency.

Parameter 2 – NEW_SEVERITY_CODE

Valid Severities - C - Critical, W - Warning, I - Informational

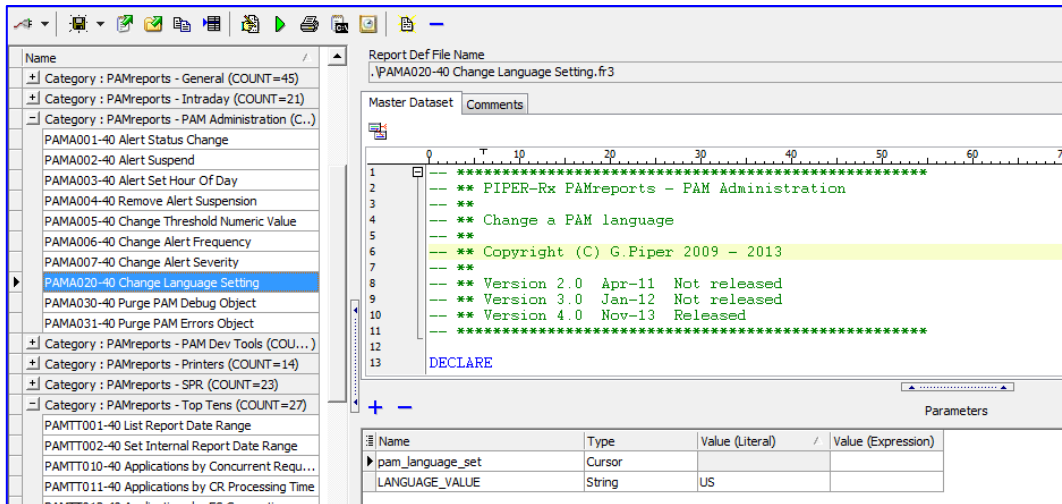
To obtain a list of **PAM** alert severities you can use the **PAMreports Config - PAMC001-40 PAM Config** report or the **PAMappview PAM Checks** page.

On completion of the update a change report will be generated.

PAMA007-40	PIPER-Rx Change Alert Severity IN-005 As at 06-Dec-13 14:04 For APPS 12i	<i>PAMreports</i>
Alert severity changed from I Informational to w Warning		
Alert Id:	IN-005	Internal - Used to alert if any PAM table has grown beyond expectation
Alert	Enabled	
Alert Severity:	Warning	Alert Frequency: 1 Week
Next Checked:	19-Nov-13 (Tue) 05:00	Hour of Day: 05:00 Threshold Value:

9 Change PAM Language Setting

The **PAM** language setting can be changed using the **PAMreports PAM Administration - PAMA020 Change Language Setting** report.



Parameter 1 – LANGUAGE_VALUE

The language you wish **PAM** to use (case sensitive).

To obtain a list of all installed languages you can use the **PAMreports Config - PAMC019 PAM Installed Languages** report

On completion of the update a change report will be generated.

PAMA020-40
PAMreports

PIPER-Rx
Change PAM Language Setting
Setting Id - PAM_LANGUAGE
As at 06-Dec-13 14:11
For APPS 12i

PAM language setting changed from US to US

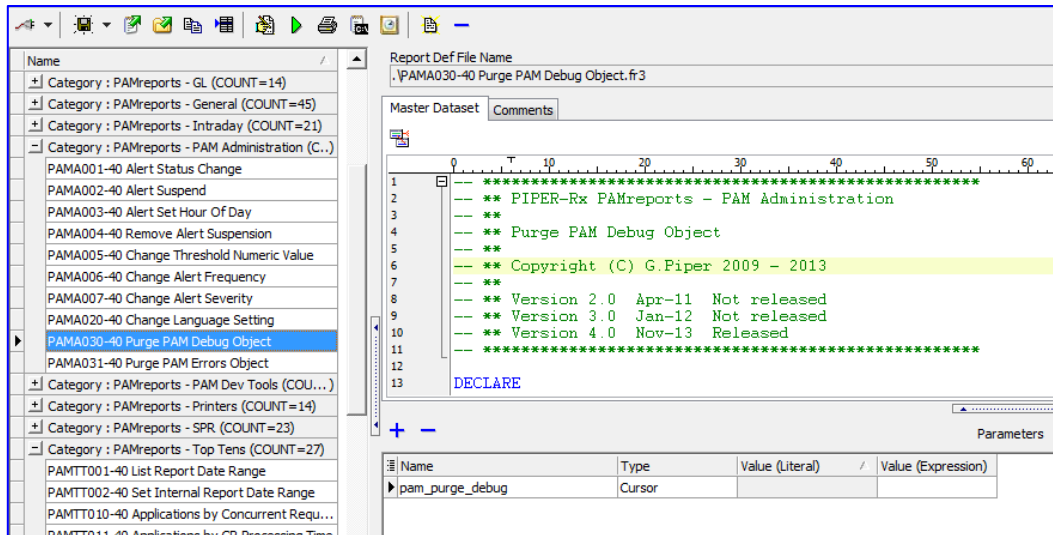
Setting Id: PAM_LANGUAGE Application Language

Setting Varchar Value: US

Setting Date Value: Setting Numeric Value:

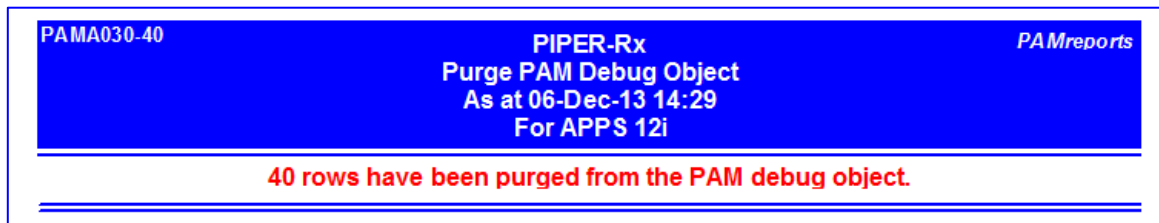
10 Purge PAM Debug Object

PAM provides a simple report to purge all data from the PAM piper_rx_pam_debug object using the PAMreports PAM Administration - PAMA030 Purge PAM Debug Object report.



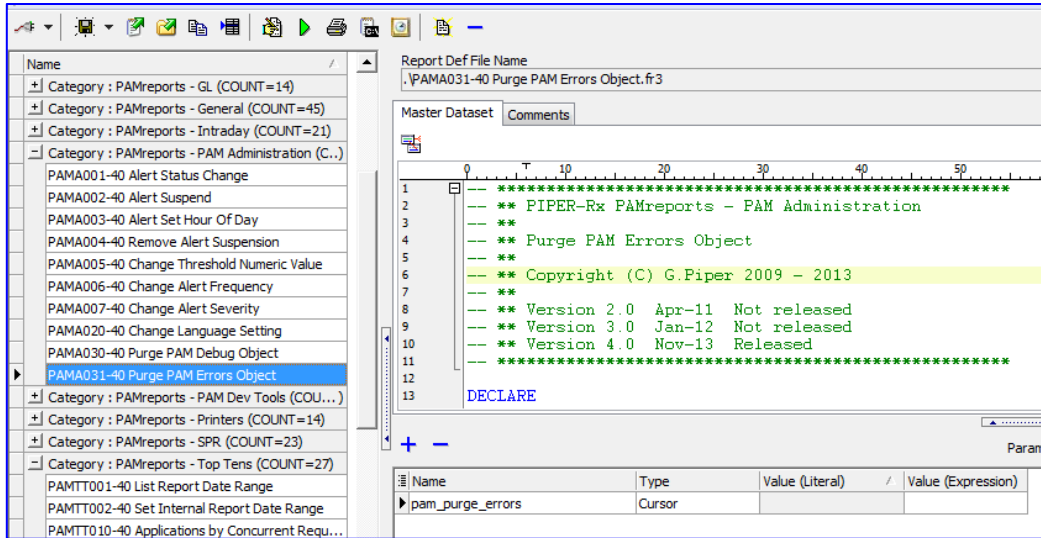
To obtain a list of row counts for all PAM objects you can use the PAMreports Config - PAMC060 PAM Objects Row Counts report.

On completion of the update a change report will be generated



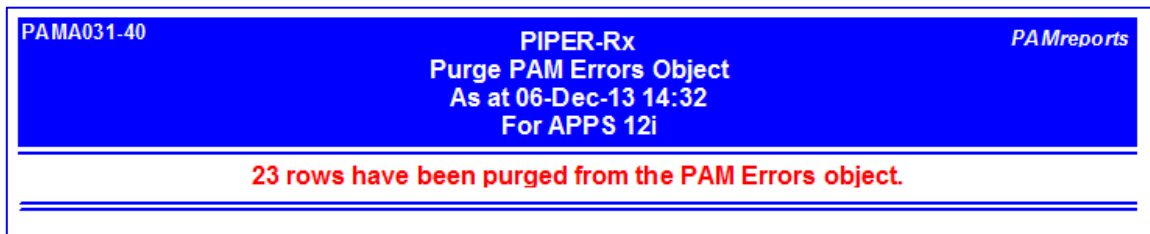
11 Purge PAM Errors object

PAM provides a simple report to purge all data from the PAM piper_rx_pam_errors object using the PAMreports PAM Administration - PAMA031 Purge PAM Errors Object report.



To obtain a list of row counts for all PAM objects you can use the PAMreports Config - PAMC060 PAM Objects Row Counts report.

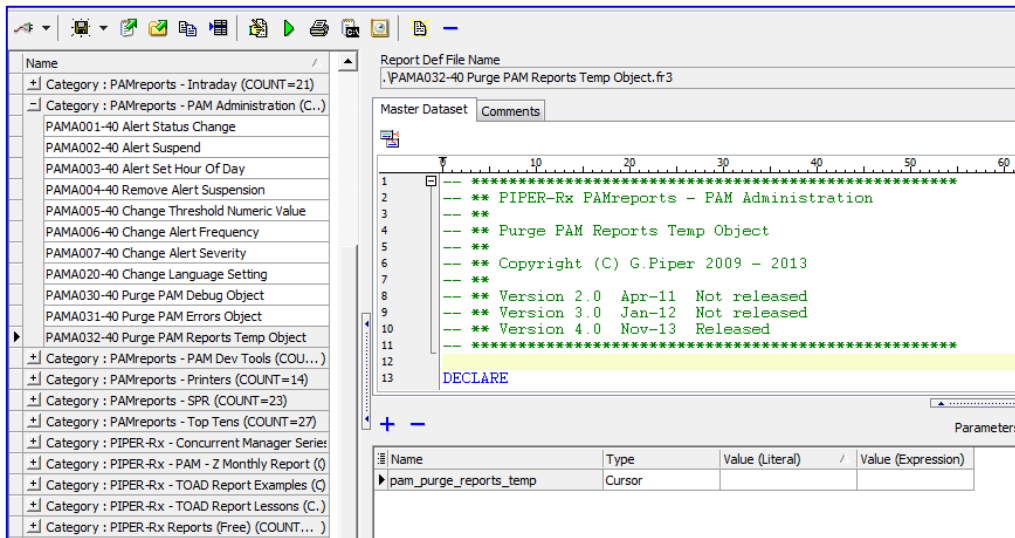
On completion of the update a change report will be generated



12 Purge PAM Reports Temp object

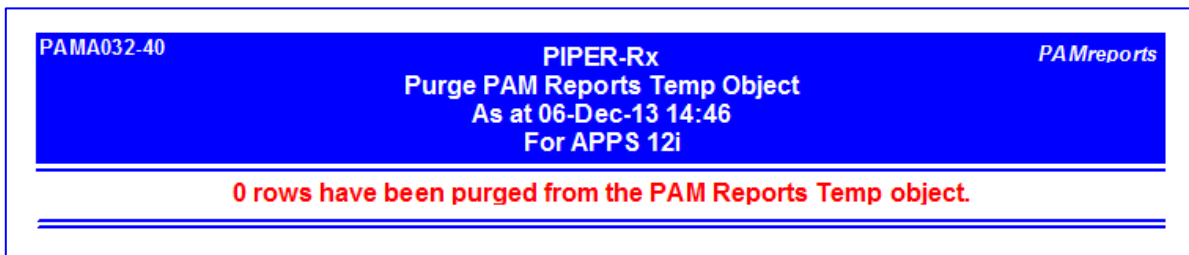
The **PAM** `piper_rx_pam_reports_temp` object is used when more complex reports are required. It was found during early development and testing some reports were not cleaning up the reports temp object. Whilst we have not encountered the issue in recent years, we decided to add a purge facility just in case.

PAM provides a simple report to purge all data from the **PAM** `piper_rx_pam_reports_temp` object using the **PAMreports PAM Administration - PAMA032 Purge PAM Reports Temp Object** report.



To obtain a list of row counts for all **PAM** objects you can use the **PAMreports Config - PAMC060 PAM Objects Row Counts** report.

On completion of the update a change report will be generated.



13 Disclaimer

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