



Jobs

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Hybrid Edition

Project Name	mpd_test	GENERATION DATE	Aug 24, 2018 5:08:04 PM
AUTHOR	Nazri, Hafeez	Talend Integration Cloud VERSION	6.5.1.20180116_1512

Summary

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Project Description

Properties	Values
Name	mpd_test
Language	java

Description	test
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Description

Properties	Values
Name	tgt_customer_segmentation
Author	Nazri, Hafeez
Version	0.2
Purpose	
Status	
Description	
Creation	Aug 16, 2018 10:55:51 PM
Modification	Aug 24, 2018 12:15:46 PM

Preview Picture

Use statistics (tStatCatcher)	false
Use logs (tLogCatcher)	false
Use volumetrics (tFlowMeterCatcher)	false
On Console	false
On Files	false
On Databases	false
Catch components statistics	false
Catch runtime errors	true
Catch user errors	true
Catch user warnings	true

Context List

ContextDefault

Name	Prompt
parameter_inputDate	parameter_inputDate?
connection_mysqltarget_tci_db_AdditionalParams	connection_mysqltarget_tci_db_AdditionalParams
connection_mysqltarget_tci_db_Database	connection_mysqltarget_tci_db_Database?

connection_mysqltarget_tci_db_Login	connection_mysqltarget_tci_db_Login?
connection_mysqltarget_tci_db_Password	connection_mysqltarget_tci_db_Password?
connection_mysqltarget_tci_db_Port	connection_mysqltarget_tci_db_Port?
connection_mysqltarget_tci_db_Server	connection_mysqltarget_tci_db_Server?

ContextProduction

Name	Prompt
parameter_inputDate	parameter_inputDate?
connection_mysqltarget_tci_db_AdditionalParams	connection_mysqltarget_tci_db_AdditionalParams
connection_mysqltarget_tci_db_Database	connection_mysqltarget_tci_db_Database?
connection_mysqltarget_tci_db_Login	connection_mysqltarget_tci_db_Login?
connection_mysqltarget_tci_db_Password	connection_mysqltarget_tci_db_Password?
connection_mysqltarget_tci_db_Port	connection_mysqltarget_tci_db_Port?
connection_mysqltarget_tci_db_Server	connection_mysqltarget_tci_db_Server?

Component List


Component Name	Component Type
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tAggregateRow_1	tAggregateRow
tAggregateRow_10	tAggregateRow
tAggregateRow_2	tAggregateRow
tAggregateRow_3	tAggregateRow
tAggregateRow_4	tAggregateRow
tAggregateRow_7	tAggregateRow
tAggregateRow_8	tAggregateRow
tHashInput_3	tHashInput
tHashInput_4	tHashInput
tHashOutput_2	tHashOutput
tJava_1	tJava
tMap_1	tMap
tMap_3	tMap
tMap_4	tMap
tMap_5	tMap
tMap_7	tMap
tMysqlInput_1	tMysqlInput

tMysqlInput_3	tMysqlInput
tMysqlInput_4	tMysqlInput
tMysqlInput_6	tMysqlInput
tMysqlInput_7	tMysqlInput
tMysqlOutput_1	tMysqlOutput
tMysqlRow_1	tMysqlRow
tSetGlobalVar_1	tSetGlobalVar
tUnite_1	tUnite

Components Description

Component tAggregateRow

	UNIQUE NAME	tAggregateRow_1	INPUT(S)	tMysqlInput_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_1
Component Name	tAggregateRow
Version	0.102 (ALPHA)

Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true

Schema	Built-In
Group by	<pre> {{OUTPUT_COLUMN=custSid, INPUT_COLUMN=custSid}, {OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID}} </pre>
Operations	<pre> {{OUTPUT_COLUMN=dailyTotalHits, FUNCTION=sum, INPUT_COLUMN=dailyTotalHits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalVisits, FUNCTION=sum, INPUT_COLUMN=dailyTotalVisits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalSessions, FUNCTION=sum, INPUT_COLUMN=dailyTotalSessions, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalPageviews, FUNCTION=sum, INPUT_COLUMN=dailyTotalPageviews, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalUnique, FUNCTION=sum, INPUT_COLUMN=dailyTotalUnique, IGNORE_NULL=true}, {OUTPUT_COLUMN=dateSid, FUNCTION=max, INPUT_COLUMN=dateSid, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalTimeOnSite, FUNCTION=sum, INPUT_COLUMN=dailyTotalTimeOnSite, IGNORE_NULL=true}} </pre>
Delimiter (only for list operation)	", "
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false


Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	

dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tAggregateRow

	UNIQUE NAME	tAggregateRow_10	INPUT(S)	tMysqlInput_6
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tHashOutput_2

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_10
Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	


JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[[OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID}, {OUTPUT_COLUMN=visitHour, INPUT_COLUMN=visitHour}]
Operations	[[OUTPUT_COLUMN=hourCount, FUNCTION=count, INPUT_COLUMN=visitHour, IGNORE_NULL=true]]
Delimiter (only for list operation)	", "
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false

Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tAggregateRow_10 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String			true	
visitHour	false	Integer			true	
hourCount	false	Integer			true	

Original Function Parameters: Component tAggregateRow

	UNIQUE NAME	tAggregateRow_2	INPUT(S)	tMysqlInput_3
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_3

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_2
Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	

Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[[OUTPUT_COLUMN=custSid, INPUT_COLUMN=custSid}, {OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID}]
Operations	[[OUTPUT_COLUMN=dailyTotalHits, FUNCTION=sum, INPUT_COLUMN=dailyTotalHits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalVisits, FUNCTION=sum, INPUT_COLUMN=dailyTotalVisits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalSessions, FUNCTION=sum, INPUT_COLUMN=dailyTotalSessions, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalPageviews, FUNCTION=sum, INPUT_COLUMN=dailyTotalPageviews, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalUnique, FUNCTION=sum, INPUT_COLUMN=dailyTotalUnique, IGNORE_NULL=true}, {OUTPUT_COLUMN=dateSid, FUNCTION=max, INPUT_COLUMN=dateSid, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalTimeOnSite, FUNCTION=sum, INPUT_COLUMN=dailyTotalTimeOnSite, IGNORE_NULL=true}]

Delimiter (only for list operation)	", "
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false
Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	


Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	

custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	

dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tAggregateRow

	UNIQUE NAME	tAggregateRow_3	INPUT(S)	tMysqlInput_4
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_4

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_3
Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false

Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[[OUTPUT_COLUMN=custSid, INPUT_COLUMN=custSid}, {OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID}]]

Operations	<pre> {{OUTPUT_COLUMN=dailyTotalHits, FUNCTION=sum, INPUT_COLUMN=dailyTotalHits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalVisits, FUNCTION=sum, INPUT_COLUMN=dailyTotalVisits, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalSessions, FUNCTION=sum, INPUT_COLUMN=dailyTotalSessions, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalPageviews, FUNCTION=sum, INPUT_COLUMN=dailyTotalPageviews, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalUnique, FUNCTION=sum, INPUT_COLUMN=dailyTotalUnique, IGNORE_NULL=true}, {OUTPUT_COLUMN=dateSid, FUNCTION=max, INPUT_COLUMN=dateSid, IGNORE_NULL=true}, {OUTPUT_COLUMN=dailyTotalTimeOnSite, FUNCTION=sum, INPUT_COLUMN=dailyTotalTimeOnSite, IGNORE_NULL=true}} </pre>
Delimiter (only for list operation)	", "
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false
Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__


Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	

dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tAggregateRow

	UNIQUE NAME	tAggregateRow_4	INPUT(S)	tUnite_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_5

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_4

Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2

	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	<pre>[{OUTPUT_COLUMN=custSid, INPUT_COLUMN=custSid}, {OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID}, {OUTPUT_COLUMN=dateSid, INPUT_COLUMN=dateSid}]</pre>
	<pre>[{OUTPUT_COLUMN=aggTotalSessions_30, FUNCTION=sum, INPUT_COLUMN=aggTotalSessions_30, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalVisits_30, FUNCTION=sum, INPUT_COLUMN=aggTotalVisits_30, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalHits_30, FUNCTION=sum, INPUT_COLUMN=aggTotalHits_30, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalPageviews_30, FUNCTION=sum, INPUT_COLUMN=aggTotalPageviews_30, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalUnique_30, FUNCTION=sum, INPUT_COLUMN=aggTotalUnique_30, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalSessions_60, FUNCTION=sum, INPUT_COLUMN=aggTotalSessions_60, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalVisits_60, FUNCTION=sum, INPUT_COLUMN=aggTotalVisits_60, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalHits_60, FUNCTION=sum, INPUT_COLUMN=aggTotalHits_60, IGNORE_NULL=true}, {OUTPUT_COLUMN=aggTotalPageviews_60,</pre>

Operations

```
FUNCTION=sum,
INPUT_COLUMN=aggTotalPageviews_60,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalUnique_60,
FUNCTION=sum,
INPUT_COLUMN=aggTotalUnique_60,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalSessions_90,
FUNCTION=sum,
INPUT_COLUMN=aggTotalSessions_90,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalVisits_90,
FUNCTION=sum,
INPUT_COLUMN=aggTotalVisits_90,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalHits_90,
FUNCTION=sum,
INPUT_COLUMN=aggTotalHits_90,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalPageviews_90,
FUNCTION=sum,
INPUT_COLUMN=aggTotalPageviews_90,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTotalUnique_90,
FUNCTION=sum,
INPUT_COLUMN=aggTotalUnique_90,
IGNORE_NULL=true},
{OUTPUT_COLUMN=lastLoginDate,
FUNCTION=max, INPUT_COLUMN=lastLoginDate,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTimeOnSite_30,
FUNCTION=sum,
INPUT_COLUMN=aggTimeOnSite_30,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTimeOnSite_60,
FUNCTION=sum,
INPUT_COLUMN=aggTimeOnSite_60,
IGNORE_NULL=true},
{OUTPUT_COLUMN=aggTimeOnSite_90,
```

	FUNCTION=sum, INPUT_COLUMN=aggTimeOnSite_90, IGNORE_NULL=true}}
Delimiter (only for list operation)	", "
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false
Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	


Schema for tAggregateRow_4 :

Column	Key	Type	Length	Precision	Nullable	Comment
custSid	false	int	10		false	

custUID	false	String	255		true	
dateSid	false	String	8		true	
aggTotalSessions_30	false	Integer	10		true	
aggTotalVisits_30	false	Integer	10		true	
aggTotalHits_30	false	Integer	10		true	
aggTotalPageviews_30	false	Integer	10		true	
aggTotalUnique_30	false	Integer	10		true	
aggTimeOnSite_30	false	Integer	10		true	
aggTotalSessions_60	false	Integer	10		true	
aggTotalVisits_60	false	Integer	10		true	
aggTotalHits_60	false	Integer	10		true	
aggTotalPageviews_60	false	Integer	10		true	
aggTotalUnique_60	false	Integer	10		true	
aggTimeOnSite_60	false	Integer	10		true	
aggTotalSessions_90	false	Integer	10		true	
aggTotalVisits_90	false	Integer	10		true	
aggTotalHits_90	false	Integer	10		true	

aggTotalPageviews_90	false	Integer	10		true	
aggTotalUnique_90	false	Integer	10		true	
aggTimeOnSite_90	false	Integer	10		true	
lastLoginDate	false	String	255		true	

Original Function Parameters:
Component tAggregateRow

	UNIQUE NAME	tAggregateRow_7	INPUT(S)	tHashInput_3 , tAggregateRow_7
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_7

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_7
Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true

DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[[OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID]]
Operations	[[OUTPUT_COLUMN=hourCount, FUNCTION=max, INPUT_COLUMN=hourCount, IGNORE_NULL=true]]
Delimiter (only for list operation)	" , "


Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false
Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tAggregateRow_7 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String			true	
visitHour	false	Integer			true	
hourCount	false	Integer			true	

Original Function Parameters:

Component tAggregateRow

	UNIQUE NAME	tAggregateRow_8	INPUT(S)	tMysqlInput_7 , tAggregateRow_8
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_5

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_8
Component Name	tAggregateRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tAggregateRow
Update components	true


IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[[OUTPUT_COLUMN=custUID, INPUT_COLUMN=custUID]]
Operations	[[OUTPUT_COLUMN=deviceSid, FUNCTION=max, INPUT_COLUMN=deviceSid, IGNORE_NULL=true], {OUTPUT_COLUMN=geoSid, FUNCTION=max, INPUT_COLUMN=geoSid, IGNORE_NULL=true}]
Delimiter (only for list operation)	","
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false

Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tAggregateRow_8 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String	255		true	
deviceSid	false	Integer			true	
geoSid	false	Integer			true	

Original Function Parameters: Component tHashInput

	UNIQUE NAME	tHashInput_3	INPUT(S)	none
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tAggregateRow_7

Component Parameters:

Properties	Values
Unique Name	tHashInput_3
Component Name	tHashInput
Version	0.102 (ALPHA)
Family	Technical
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.Hash
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java


Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Link with a tHashOutput	true
Component list	tHashOutput_2
Data from file	"C:/Program Files (x86)/Talend-Studio/studio6.5.1/workspace/in.hash"
Clear cache after reading	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false

Validation Rule Type	
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Schema for tHashInput_3 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String			true	
visitHour	false	Integer			true	
hourCount	false	Integer			true	

Original Function Parameters:
Component tHashInput

	UNIQUE NAME	tHashInput_4	INPUT(S)	none
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_7

Component Parameters:

Properties	Values
Unique Name	tHashInput_4
Component Name	tHashInput
Version	0.102 (ALPHA)
Family	Technical
Start	false
Startable	true


SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.Hash
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Link with a tHashOutput	true

Component list	tHashOutput_2
Data from file	"C:/Program Files (x86)/Talend-Studio/studio6.5.1/workspace/in.hash"
Clear cache after reading	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tHashInput_4 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String			true	
visitHour	false	Integer			true	
hourCount	false	Integer			true	

Original Function Parameters:
Component tHashOutput

	UNIQUE NAME	tHashOutput_2	INPUT(S)	tAggregateRow_10
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tHashOutput_2
Component Name	tHashOutput
Version	0.101 (ALPHA)
Family	Technical
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.Hash
Update components	true
IREPORT_PATH	


JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Link with a tHashOutput	false
Component list	
Data write model	MEMORY
File to persist data	"C:/Program Files (x86)/Talend-Studio/studio6.5.1/workspace/in.hash"
Max memory heap size(MB)	2
Keys management	KEEP_ALL
Append	true
hash key from input connector	false

Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tHashOutput_2 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String			true	
visitHour	false	Integer			true	
hourCount	false	Integer			true	

Original Function Parameters:
Component tJava

	UNIQUE NAME	tJava_1	INPUT(S)	tSetGlobalVar_1
	LABEL	setDate	OUTPUT(S)	tMySQLRow_1

Component Parameters:

Properties	Values
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Unique Name	tJava_1
Component Name	tJava
Version	0.101 (ALPHA)
Family	Custom_Code
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tJava
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	

Enable parallel execution	false
Number of parallel executions	2
	false
	<pre> String dtInputDate = ((String)globalMap.get("inputDate")); Date dtCurr = TalendDate.addDate(TalendDate.getCurrentDate(),-1,"dd"); SimpleDateFormat df = new SimpleDateFormat("yyyyMMdd"); Date dtProcessStart30 = TalendDate.addDate(TalendDate.getCurrentDate(),-30,"dd"); Date dtProcessEnd30 = TalendDate.addDate(TalendDate.getCurrentDate(),-1,"dd"); Date dtProcessStart60 = TalendDate.addDate(TalendDate.getCurrentDate(),-60,"dd"); Date dtProcessEnd60 = TalendDate.addDate(TalendDate.getCurrentDate(),-31,"dd"); Date dtProcessStart90 = TalendDate.addDate(TalendDate.getCurrentDate(),-90,"dd"); Date dtProcessEnd90 = TalendDate.addDate(TalendDate.getCurrentDate(),-61,"dd"); if (dtInputDate != null && dtInputDate.length()==8) { dtProcessStart30 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),-29,"dd"); dtProcessEnd30 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),0,"dd"); dtProcessStart60 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),-59,"dd"); dtProcessEnd60 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),-30,"dd"); dtProcessStart90 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),-89,"dd"); dtProcessEnd90 = TalendDate.addDate(TalendDate.parseDate("yyyyMMdd", dtInputDate),-60,"dd"); } else { globalMap.put("inputDate", df.format(dtCurr)); } globalMap.put("processStartDate30", df.format(dtProcessStart30)); globalMap.put("processEndDate30", df.format(dtProcessEnd30)); globalMap.put("processStartDate60", df.format(dtProcessStart60)); globalMap.put("processEndDate60", df.format(dtProcessEnd60)); globalMap.put("processStartDate90", df.format(dtProcessStart90)); </pre>

Code

```
globalMap.put("processEndDate90",  
df.format(dtProcessEnd90)); System.out.println("inputDate: " +  
((String)globalMap.get("inputDate"))); System.out.println("Start  
30: " + ((String)globalMap.get("processStartDate30")));  
System.out.println("End 30: " +  
((String)globalMap.get("processEndDate30")));  
System.out.println("Start 60: " +  
((String)globalMap.get("processStartDate60")));  
System.out.println("End 60: " +  
((String)globalMap.get("processEndDate60")));  
System.out.println("Start 90: " +
```


	((String)globalMap.get("processStartDate90"))); System.out.println("End 90: " + ((String)globalMap.get("processEndDate90")));
Import	//import java.util.List;
Schema	Built-In
Label format	setDate
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tJava_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	

dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	
transformDate	false	java.util.Date			true	

Original Function Parameters:
Component tMysqlInput

	UNIQUE NAME	tMysqlInput_1	INPUT(S)	tMysqlInput_6
	LABEL	agg_ga_bh_1-30days	OUTPUT(S)	tAggregateRow_1

Component Parameters:

Properties	Values
Unique Name	tMysqlInput_1
Component Name	tMysqlInput
Version	0.102 (ALPHA)
Family	Databases/MySQL
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlInput

Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5
Use an existing connection	false
Component List	
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login

Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"agg_ga_bh"
Query Type	Built-In
Guess Schema	""
Query	<pre>"SELECT `agg_ga_bh`.`dateSid`, `agg_ga_bh`.`custSid`, `agg_ga_bh`.`custUID`, `agg_ga_bh`.`dailyTotalSessions`, `agg_ga_bh`.`dailyTotalVisits`, `agg_ga_bh`.`dailyTotalHits`, `agg_ga_bh`.`dailyTotalPageviews`, `agg_ga_bh`.`dailyTotalTimeOnSite`, `agg_ga_bh`.`dailyTotalBounces`, `agg_ga_bh`.`dailyTotalTrans`, `agg_ga_bh`.`dailyTotalTransRevenue`, `agg_ga_bh`.`dailyTotalNewVisits`, `agg_ga_bh`.`dailyTotalScreenviews`, `agg_ga_bh`.`dailyTotalUnique`, `agg_ga_bh`.`dailyTotalTimeOnScreen`, `agg_ga_bh`.`dailyTotalTotalTransRevenue`, `agg_ga_bh`.`dailyTotalSessionQualityDim`, `agg_ga_bh`.`dailyAveHitsPerSession`, `agg_ga_bh`.`dailyAvePageviewsPerSession`, `agg_ga_bh`.`dailyAveTimeOnSitePerSession`, `agg_ga_bh`.`dailyAveTimeOnScreenPerSession` FROM `agg_ga_bh` WHERE `agg_ga_bh`.`dateSid` between "" + ((String)globalMap.get("processStartDate30")) + "" and "" + ((String)globalMap.get("processEndDate30")) + "" "</pre>
Specify a data source alias	false
Data source alias	""
Mapping	mysql_id

Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Encoding	"ISO-8859-15"
Enable stream	false
Trim all the String/Char columns	false
Trim column	<pre> {{SCHEMA_COLUMN=dateSid, TRIM=false}, {SCHEMA_COLUMN=custSid, TRIM=false}, {SCHEMA_COLUMN=custUID, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessions, TRIM=false}, {SCHEMA_COLUMN=dailyTotalVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalHits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalPageviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnSite, TRIM=false}, {SCHEMA_COLUMN=dailyTotalBounces, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTrans, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalNewVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalScreenviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalUnique, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnScreen, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessionQualityDim, TRIM=false}, {SCHEMA_COLUMN=dailyAveHitsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAvePageviewsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnSitePerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnScreenPerSession, TRIM=false}] </pre>
Label format	agg_ga_bh_1-30days
Hint format	__UNIQUE_NAME__ __COMMENT__


Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	

dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tMysqlInput

	UNIQUE NAME	tMysqlInput_3	INPUT(S)	none
	LABEL	agg_ga_bh_31-60days	OUTPUT(S)	tAggregateRow_2

Component Parameters:

Properties	Values
Unique Name	tMysqlInput_3

Component Name	tMysqlInput
Version	0.102 (ALPHA)
Family	Databases/MySQL
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false

Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5
Use an existing connection	false
Component List	
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login
Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"agg_ga_bh"
Query Type	Built-In
Guess Schema	""

Query	<pre>"SELECT `agg_ga_bh`.`dateSid`, `agg_ga_bh`.`custSid`, `agg_ga_bh`.`custUID`, `agg_ga_bh`.`dailyTotalSessions`, `agg_ga_bh`.`dailyTotalVisits`, `agg_ga_bh`.`dailyTotalHits`, `agg_ga_bh`.`dailyTotalPageviews`, `agg_ga_bh`.`dailyTotalTimeOnSite`, `agg_ga_bh`.`dailyTotalBounces`, `agg_ga_bh`.`dailyTotalTrans`, `agg_ga_bh`.`dailyTotalTransRevenue`, `agg_ga_bh`.`dailyTotalNewVisits`, `agg_ga_bh`.`dailyTotalScreenviews`, `agg_ga_bh`.`dailyTotalUnique`, `agg_ga_bh`.`dailyTotalTimeOnScreen`, `agg_ga_bh`.`dailyTotalTotalTransRevenue`, `agg_ga_bh`.`dailyTotalSessionQualityDim`, `agg_ga_bh`.`dailyAveHitsPerSession`, `agg_ga_bh`.`dailyAvePageviewsPerSession`, `agg_ga_bh`.`dailyAveTimeOnSitePerSession`, `agg_ga_bh`.`dailyAveTimeOnScreenPerSession` FROM `agg_ga_bh` WHERE `agg_ga_bh`.`dateSid` between "' + ((String)globalMap.get("processStartDate60")) + "' and "' + ((String)globalMap.get("processEndDate60")) + "' "</pre>
Specify a data source alias	false
Data source alias	""
Mapping	mysql_id
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Encoding	"ISO-8859-15"
Enable stream	false
Trim all the String/Char columns	false

Trim column	<pre>[{SCHEMA_COLUMN=dateSid, TRIM=false}, {SCHEMA_COLUMN=custSid, TRIM=false}, {SCHEMA_COLUMN=custUID, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessions, TRIM=false}, {SCHEMA_COLUMN=dailyTotalVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalHits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalPageviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnSite, TRIM=false}, {SCHEMA_COLUMN=dailyTotalBounces, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTrans, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalNewVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalScreenviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalUnique, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnScreen, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessionQualityDim, TRIM=false}, {SCHEMA_COLUMN=dailyAveHitsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAvePageviewsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnSitePerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnScreenPerSession, TRIM=false}]</pre>
Label format	agg_ga_bh_31-60days
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false


Validation Rule Type	
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Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	

dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tMysqlInput

	UNIQUE NAME	tMysqlInput_4	INPUT(S)	none
	LABEL	agg_ga_bh_61-90days	OUTPUT(S)	tAggregateRow_3

Component Parameters:

Properties	Values
Unique Name	tMysqlInput_4
Component Name	tMysqlInput
Version	0.102 (ALPHA)
Family	Databases/MySQL
Start	false

Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5

Use an existing connection	false
Component List	
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login
Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"agg_ga_bh"
Query Type	Built-In
Guess Schema	""

Query	<pre>"SELECT `agg_ga_bh`.`dateSid`, `agg_ga_bh`.`custSid`, `agg_ga_bh`.`custUID`, `agg_ga_bh`.`dailyTotalSessions`, `agg_ga_bh`.`dailyTotalVisits`, `agg_ga_bh`.`dailyTotalHits`, `agg_ga_bh`.`dailyTotalPageviews`, `agg_ga_bh`.`dailyTotalTimeOnSite`, `agg_ga_bh`.`dailyTotalBounces`, `agg_ga_bh`.`dailyTotalTrans`, `agg_ga_bh`.`dailyTotalTransRevenue`, `agg_ga_bh`.`dailyTotalNewVisits`, `agg_ga_bh`.`dailyTotalScreenviews`, `agg_ga_bh`.`dailyTotalUnique`, `agg_ga_bh`.`dailyTotalTimeOnScreen`, `agg_ga_bh`.`dailyTotalTotalTransRevenue`, `agg_ga_bh`.`dailyTotalSessionQualityDim`, `agg_ga_bh`.`dailyAveHitsPerSession`, `agg_ga_bh`.`dailyAvePageviewsPerSession`, `agg_ga_bh`.`dailyAveTimeOnSitePerSession`, `agg_ga_bh`.`dailyAveTimeOnScreenPerSession` FROM `agg_ga_bh` WHERE `agg_ga_bh`.`dateSid` between "' + ((String)globalMap.get("processStartDate90")) + "' and "' + ((String)globalMap.get("processEndDate90")) + "' "</pre>
Specify a data source alias	false
Data source alias	""
Mapping	mysql_id
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Encoding	"ISO-8859-15"
Enable stream	false
Trim all the String/Char columns	false

Trim column	<pre>[{SCHEMA_COLUMN=dateSid, TRIM=false}, {SCHEMA_COLUMN=custSid, TRIM=false}, {SCHEMA_COLUMN=custUID, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessions, TRIM=false}, {SCHEMA_COLUMN=dailyTotalVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalHits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalPageviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnSite, TRIM=false}, {SCHEMA_COLUMN=dailyTotalBounces, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTrans, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalNewVisits, TRIM=false}, {SCHEMA_COLUMN=dailyTotalScreenviews, TRIM=false}, {SCHEMA_COLUMN=dailyTotalUnique, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTimeOnScreen, TRIM=false}, {SCHEMA_COLUMN=dailyTotalTotalTransRevenue, TRIM=false}, {SCHEMA_COLUMN=dailyTotalSessionQualityDim, TRIM=false}, {SCHEMA_COLUMN=dailyAveHitsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAvePageviewsPerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnSitePerSession, TRIM=false}, {SCHEMA_COLUMN=dailyAveTimeOnScreenPerSession, TRIM=false}]</pre>
Label format	agg_ga_bh_61-90days
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false


Validation Rule Type	
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Schema for agg_ga_bh :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	
dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	

dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	

Original Function Parameters:
Component tMysqlInput

	UNIQUE NAME	tMysqlInput_6	INPUT(S)	tMysqlRow_1
	LABEL	agg_hour_count	OUTPUT(S)	tAggregateRow_10, tMysqlInput_1

Component Parameters:

Properties	Values
Unique Name	tMysqlInput_6
Component Name	tMysqlInput
Version	0.102 (ALPHA)
Family	Databases/MySQL

Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db

DB Version	MYSQL_5
Use an existing connection	false
Component List	
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login
Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"fact_ga_bh"
Query Type	Built-In
Guess Schema	""
Query	"SELECT CASE WHEN custSid = 0 THEN CASE WHEN clientId IS NULL OR clientId = " THEN fullVisitorId ELSE clientId END ELSE custSid END AS custUID, hour(from_unixtime(visitStartTime)) AS visitHour FROM fact_ga_bh WHERE dateSid BETWEEN " + ((String)globalMap.get("processStartDate30")) + " and " + ((String)globalMap.get("processEndDate30")) + " "


Specify a data source alias	false
Data source alias	""
Mapping	mysql_id
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Encoding	"ISO-8859-15"
Enable stream	false
Trim all the String/Char columns	false
Trim column	[[SCHEMA_COLUMN=custUID, TRIM=false], {SCHEMA_COLUMN=visitHour, TRIM=false}]
Label format	agg_hour_count
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tMysqlInput_6 :

Column	Key	Type	Length	Precision	Nullable	Comment
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custUID	false	String			true	
visitHour	false	Integer			true	

Original Function Parameters:
Component tMysqlInput

	UNIQUE NAME	tMysqlInput_7	INPUT(S)	none
	LABEL	latest device geo	OUTPUT(S)	tAggregateRow_8

Component Parameters:

Properties	Values
Unique Name	tMysqlInput_7
Component Name	tMysqlInput
Version	0.102 (ALPHA)
Family	Databases/MySQL
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true

DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5
Use an existing connection	false
Component List	
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port

Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login
Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"fact_ga_bh"
Query Type	Built-In
Guess Schema	""
Query	"SELECT A.custUID, A.deviceSid, A.geoSid FROM (SELECT CASE WHEN custSid = 0 THEN CASE WHEN clientId IS NULL OR clientId =" THEN fullVisitorId ELSE clientId END ELSE custSid END AS custUID, visitStartTime, deviceSid, geoSid FROM fact_ga_bh WHERE dateSid BETWEEN '" + ((String)globalMap.get("processStartDate30")) + "' and '" + ((String)globalMap.get("processEndDate30")) + "') A INNER JOIN (SELECT CASE WHEN custSid = 0 THEN CASE WHEN clientId IS NULL OR clientId =" THEN fullVisitorId ELSE clientId END ELSE custSid END AS custUID, max(visitStartTime) AS lastLogon FROM fact_ga_bh WHERE dateSid BETWEEN '" + ((String)globalMap.get("processStartDate30")) + "' and '" + ((String)globalMap.get("processEndDate30")) + "' GROUP by custUID) B ON A.custUID=B.custUID and A.visitStartTime=B.lastLogon"
Specify a data source alias	false
Data source alias	""


Mapping	mysql_id
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Encoding	"ISO-8859-15"
Enable stream	false
Trim all the String/Char columns	false
Trim column	[[SCHEMA_COLUMN=custUID, TRIM=false], [SCHEMA_COLUMN=deviceSid, TRIM=false], [SCHEMA_COLUMN=geoSid, TRIM=false]]
Label format	latest device geo
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tMysqlInput_7 :

Column	Key	Type	Length	Precision	Nullable	Comment
custUID	false	String	255		true	
deviceSid	false	Integer			true	

geoSid	false	Integer			true	
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Original Function Parameters:
Component tMysqlOutput

	UNIQUE NAME	tMysqlOutput_1	INPUT(S)	tMap_5
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tMysqlOutput_1
Component Name	tMysqlOutput
Version	0.102 (ALPHA)
Family	Databases/MySQL
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlOutput

Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5
Use an existing connection	false
Component List	
Database Driver	MYSQL
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Username	context.connection_mysqltarget_tci_db_Login

Password	context.connection_mysqltarget_tci_db_Password
Table	"agg_customer_segmentation"
Action on table	CREATE_IF_NOT_EXISTS
Action on data	INSERT
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Reject Schema	Built-In
Specify a data source alias	false
Data source alias	""
Die on error	false
Mapping	mysql_id
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Extend Insert	true
Number of rows per insert	20000
Use Batch Size	true
Batch Size	10000
Encoding	"ISO-8859-15"

Commit every	20000
Additional columns	[]
Use field options	false
	<pre> {{SCHEMA_COLUMN=custSid, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=custUID, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=dateSid, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=lastLoginDate, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=custSegment, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=custCount, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalSessions_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalVisits_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalHits_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalPageviews_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalUnique_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTimeOnSite_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalSessions_60, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, {SCHEMA_COLUMN=aggTotalVisits_60, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}, </pre>

Field options

```
{SCHEMA_COLUMN=aggTotalHits_60,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalPageviews_60,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalUnique_60,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTimeOnSite_60,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalSessions_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalVisits_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalHits_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalPageviews_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTotalUnique_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=aggTimeOnSite_90,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=preferredTopic_30,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=activeHour_30,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
{SCHEMA_COLUMN=latest_deviceSid_30,
UPDATE_KEY=false, DELETE_KEY=false,
UPDATABLE=true, INSERTABLE=true},
```

	{SCHEMA_COLUMN=latest_geoSid_30, UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=true}}
Use Hint Options	false
Hint Options	[]
Enable debug mode	false
Use duplicate key update mode insert	false
	[]
Support null in "SQL WHERE" statement	false
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	


Schema for endout :

Column	Key	Type	Length	Precision	Nullable	Comment
custSid	false	int	10		false	

custUID	false	String	255		true	
dateSid	false	String	8		true	
lastLoginDate	false	String	255		true	
custSegment	false	String	255		true	
custCount	false	Integer			true	
aggTotalSessions_30	false	Integer	10		true	
aggTotalVisits_30	false	Integer	10		true	
aggTotalHits_30	false	Integer	10		true	
aggTotalPageviews_30	false	Integer	10		true	
aggTotalUnique_30	false	Integer	10		true	
aggTimeOnSite_30	false	Integer	10		true	
aggTotalSessions_60	false	Integer	10		true	
aggTotalVisits_60	false	Integer	10		true	
aggTotalHits_60	false	Integer	10		true	
aggTotalPageviews_60	false	Integer	10		true	
aggTotalUnique_60	false	Integer	10		true	
aggTimeOnSite_60	false	Integer	10		true	

aggTotalSessions_90	false	Integer	10		true	
aggTotalVisits_90	false	Integer	10		true	
aggTotalHits_90	false	Integer	10		true	
aggTotalPageviews_90	false	Integer	10		true	
aggTotalUnique_90	false	Integer	10		true	
aggTimeOnSite_90	false	Integer	10		true	
preferredTopic_30	false	String	1000		true	
activeHour_30	false	Integer	10		true	
latest_deviceSid_30	false	Integer			true	
latest_geoSid_30	false	Integer			true	

Original Function Parameters:
Component tMysqlRow

	UNIQUE NAME	tMysqlRow_1	INPUT(S)	tJava_1
	LABEL	del from agg_customer_segmentation	OUTPUT(S)	tMysqlInput_6

Component Parameters:

Properties	Values
Unique Name	tMysqlRow_1

Component Name	tMysqlRow
Version	0.102 (ALPHA)
Family	Databases/MySQL
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false

Number of parallel executions	2
	false
Property Type	repository: DB (MYSQL):target_tci_db
DB Version	MYSQL_5
Use an existing connection	false
Component List	tMysqlConnection_4
Host	context.connection_mysqltarget_tci_db_Server
Port	context.connection_mysqltarget_tci_db_Port
Database	context.connection_mysqltarget_tci_db_Database
Database Driver	MYSQL
Username	context.connection_mysqltarget_tci_db_Login
Password	context.connection_mysqltarget_tci_db_Password
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Reject Schema	Built-In
Table Name	""
Query Type	Built-In

Query	"DELETE from agg_customer_segmentation where dateSid = '"+ ((String)globalMap.get("inputDate")) +'"
Specify a data source alias	false
Data source alias	""
Die on error	false
Additional JDBC Parameters	context.connection_mysqltarget_tci_db_AdditionalParams
Propagate QUERY's recordset	false
use column	
Use PreparedStatement	false
Set PreparedStatement Parameters	[]
Encoding	"ISO-8859-15"
Commit every	10000
Label format	del from agg_customer_segmentation
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false

Validation Rule Type	
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Schema for tMySQLRow_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
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Original Function Parameters:
Component tSetGlobalVar

<div>2→A</div> <div>3→B</div>	UNIQUE NAME	tSetGlobalVar_1	INPUT(S)	none
	LABEL	defineGlobalVar	OUTPUT(S)	tJava_1

Component Parameters:

Properties	Values
Unique Name	tSetGlobalVar_1
Component Name	tSetGlobalVar
Version	0.101 (ALPHA)
Family	Custom_Code
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true

DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tSetGlobalVar
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Variables	[{KEY="inputDate", VALUE=context.parameter_inputDate}, {KEY="processStartDate30", VALUE=""}, {KEY="processEndDate30", VALUE=""}, {KEY="processStartDate60", VALUE=""}, {KEY="processEndDate60", VALUE=""}, {KEY="processStartDate90", VALUE=""}, {KEY="processEndDate90", VALUE=""}]
Schema	Built-In
Label format	defineGlobalVar


Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tSetGlobalVar_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
dateSid	false	String	255		true	
custSid	false	int	10		false	
custUID	false	String	255		true	
dailyTotalSessions	false	Integer	10		true	
dailyTotalVisits	false	Integer	10		true	
dailyTotalHits	false	Integer	10		true	
dailyTotalPageviews	false	Integer	10		true	
dailyTotalTimeOnSite	false	Integer	10		true	
dailyTotalBounces	false	Integer	10		true	

dailyTotalTrans	false	Integer	10		true	
dailyTotalTransRevenue	false	Integer	10		true	
dailyTotalNewVisits	false	Integer	10		true	
dailyTotalScreenviews	false	Integer	10		true	
dailyTotalUnique	false	Integer	10		true	
dailyTotalTimeOnScreen	false	Integer	10		true	
dailyTotalTotalTransRevenue	false	Integer	10		true	
dailyTotalSessionQualityDim	false	Integer	10		true	
dailyAveHitsPerSession	false	Float	10	2	true	
dailyAvePageviewsPerSession	false	Float	10	2	true	
dailyAveTimeOnSitePerSession	false	Float	10	2	true	
dailyAveTimeOnScreenPerSession	false	Float	10	2	true	
transformDate	false	java.util.Date			true	

Orignal Function Parameters:
 Component tUnite

	UNIQUE NAME	tUnite_1	INPUT(S)	tAggregateRow_3 , tMap_4
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tAggregateRow_4

Component Parameters:

Properties	Values
Unique Name	tUnite_1
Component Name	tUnite
Version	0.101 (ALPHA)
Family	Orchestration
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.Unite
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Program Files (x86)\Talend-Studio\studio6.5.1\configuration\lib\java
Subjob color	
Title color	

Enable parallel execution	false
Number of parallel executions	2
	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	


Schema for tUnite_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
custSid	false	int	10		false	
custUID	false	String	255		true	
dateSid	false	String	8		true	

aggTotalSessions_30	false	Integer	10		true	
aggTotalVisits_30	false	Integer	10		true	
aggTotalHits_30	false	Integer	10		true	
aggTotalPageviews_30	false	Integer	10		true	
aggTotalUnique_30	false	Integer	10		true	
aggTimeOnSite_30	false	Integer	10		true	
aggTotalSessions_60	false	Integer	10		true	
aggTotalVisits_60	false	Integer	10		true	
aggTotalHits_60	false	Integer	10		true	
aggTotalPageviews_60	false	Integer	10		true	
aggTotalUnique_60	false	Integer	10		true	
aggTimeOnSite_60	false	Integer	10		true	
aggTotalSessions_90	false	Integer	10		true	
aggTotalVisits_90	false	Integer	10		true	
aggTotalHits_90	false	Integer	10		true	
aggTotalPageviews_90	false	Integer	10		true	
aggTotalUnique_90	false	Integer	10		true	

aggTimeOnSite_90	false	Integer	10		true	
lastLoginDate	false	String	255		true	

Original Function Parameters:
Component tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tAggregateRow_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tUnite_1

Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	"/home/centos/job_temp"
Max buffer size (nb of rows):	2000000
Ignore trailing zeros for BigDecimal	true
Show Information	false
Comment	

Use an existing validation rule	false
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Mapper table for tMap_1 (input):

Mapper table Properties(row4):

Properties	Values
Name	row4
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row4):

Name	Type	Expression	isNullable
dateSid	String		true
custSid	int		false
custUID	String		true
dailyTotalSessions	Integer		true
dailyTotalVisits	Integer		true

dailyTotalHits	Integer		true
dailyTotalPageviews	Integer		true
dailyTotalTimeOnSite	Integer		true
dailyTotalBounces	Integer		true
dailyTotalTrans	Integer		true
dailyTotalTransRevenue	Integer		true
dailyTotalNewVisits	Integer		true
dailyTotalScreenviews	Integer		true
dailyTotalUnique	Integer		true
dailyTotalTimeOnScreen	Integer		true
dailyTotalTotalTransRevenue	Integer		true
dailyTotalSessionQualityDim	Integer		true
dailyAveHitsPerSession	Float		true
dailyAvePageviewsPerSession	Float		true
dailyAveTimeOnSitePerSession	Float		true
dailyAveTimeOnScreenPerSession	Float		true

Constraint Table Entries(row4):

Name	Type	Expression	isNullable
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Mapper table for tMap_1 (output):

Mapper table Properties(cust_seg_30):

Properties	Values
Name	cust_seg_30
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(cust_seg_30):

Name	Type	Expression	isNullable
custSid	int	row4.custSid	false
custUID	String	row4.custUID	true
dateSid	String	((String)globalMap.get("inputDate"))	true
aggTotalSessions_30	Integer	row4.dailyTotalSessions == null ? 0:row4.dailyTotalSessions	true
aggTotalVisits_30	Integer	row4.dailyTotalVisits == null ? 0:row4.dailyTotalVisits	true

aggTotalHits_30	Integer	row4.dailyTotalHits == null ? 0:row4.dailyTotalHits	true
aggTotalPageviews_30	Integer	row4.dailyTotalPageviews == null ? 0:row4.dailyTotalPageviews	true
aggTotalUnique_30	Integer	row4.dailyTotalUnique == null ? 0:row4.dailyTotalUnique	true
aggTimeOnSite_30	Integer	row4.dailyTotalTimeOnSite == null ? 0:row4.dailyTotalTimeOnSite	true
aggTotalSessions_60	Integer	0	true
aggTotalVisits_60	Integer	0	true
aggTotalHits_60	Integer	0	true
aggTotalPageviews_60	Integer	0	true
aggTotalUnique_60	Integer	0	true
aggTimeOnSite_60	Integer	0	true
aggTotalSessions_90	Integer	0	true
aggTotalVisits_90	Integer	0	true
aggTotalHits_90	Integer	0	true
aggTotalPageviews_90	Integer	0	true
aggTotalUnique_90	Integer	0	true
aggTimeOnSite_90	Integer	0	true

lastLoginDate	String	row4.dateSid	true
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Constraint Table Entries(cust_seg_30):

Name	Type	Expression	isNullable
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Mapper table for tMap_1 (var):
Mapper table Properties(Var):

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null


Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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Component tMap

	UNIQUE NAME	tMap_3	INPUT(S)	tAggregateRow_2 , tMap_3

	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tUnite_1
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Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	"/home/centos/job_temp"
Max buffer size (nb of rows):	2000000
Ignore trailing zeros for BigDecimal	true
Show Information	false
Comment	
Use an existing validation rule	false

Mapper table for tMap_3 (input):

Mapper table Properties(row5):

Properties	Values
Name	row5
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row5):

Name	Type	Expression	isNullable
dateSid	String		true
custSid	int		false
custUID	String		true
dailyTotalSessions	Integer		true
dailyTotalVisits	Integer		true
dailyTotalHits	Integer		true
dailyTotalPageviews	Integer		true

dailyTotalTimeOnSite	Integer		true
dailyTotalBounces	Integer		true
dailyTotalTrans	Integer		true
dailyTotalTransRevenue	Integer		true
dailyTotalNewVisits	Integer		true
dailyTotalScreenviews	Integer		true
dailyTotalUnique	Integer		true
dailyTotalTimeOnScreen	Integer		true
dailyTotalTotalTransRevenue	Integer		true
dailyTotalSessionQualityDim	Integer		true
dailyAveHitsPerSession	Float		true
dailyAvePageviewsPerSession	Float		true
dailyAveTimeOnSitePerSession	Float		true
dailyAveTimeOnScreenPerSession	Float		true

Constraint Table Entries(row5):

Name	Type	Expression	isNullable
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Mapper table for tMap_3 (output):

Mapper table Properties(cust_seg_60):

Properties	Values
Name	cust_seg_60
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(cust_seg_60):

Name	Type	Expression	isNullable
custSid	int	row5.custSid	false
custUID	String	row5.custUID	true
dateSid	String	((String)globalMap.get("inputDate"))	true
aggTotalSessions_30	Integer	0	true
aggTotalVisits_30	Integer	0	true
aggTotalHits_30	Integer	0	true
aggTotalPageviews_30	Integer	0	true

aggTotalUnique_30	Integer	0	true
aggTimeOnSite_30	Integer	0	true
aggTotalSessions_60	Integer	row5.dailyTotalSessions == null ? 0:row5.dailyTotalSessions	true
aggTotalVisits_60	Integer	row5.dailyTotalVisits == null ? 0:row5.dailyTotalVisits	true
aggTotalHits_60	Integer	row5.dailyTotalHits == null ? 0:row5.dailyTotalHits	true
aggTotalPageviews_60	Integer	row5.dailyTotalPageviews == null ? 0:row5.dailyTotalPageviews	true
aggTotalUnique_60	Integer	row5.dailyTotalUnique == null? 0:row5.dailyTotalUnique	true
aggTimeOnSite_60	Integer	row5.dailyTotalTimeOnSite == null ? 0:row5.dailyTotalTimeOnSite	true
aggTotalSessions_90	Integer	0	true
aggTotalVisits_90	Integer	0	true
aggTotalHits_90	Integer	0	true
aggTotalPageviews_90	Integer	0	true
aggTotalUnique_90	Integer	0	true
aggTimeOnSite_90	Integer	0	true
lastLoginDate	String	row5.dateSid	true

Constraint Table Entries(cust_seg_60):

Name	Type	Expression	isNullable
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Mapper table for tMap_3 (var):**Mapper table Properties(Var):**

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null


Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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Component tMap

	UNIQUE NAME	tMap_4	INPUT(S)	tAggregateRow_3 , tMap_4
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tUnite_1

Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	" /home/centos/job_temp "
Max buffer size (nb of rows):	2000000
Ignore trailing zeros for BigDecimal	true
Show Information	false
Comment	
Use an existing validation rule	false

Mapper table for tMap_4 (input):**Mapper table Properties(row7):**

Properties	Values
Name	row7
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row7):

Name	Type	Expression	isNullable
dateSid	String		true
custSid	int		false
custUID	String		true
dailyTotalSessions	Integer		true
dailyTotalVisits	Integer		true
dailyTotalHits	Integer		true
dailyTotalPageviews	Integer		true

dailyTotalTimeOnSite	Integer		true
dailyTotalBounces	Integer		true
dailyTotalTrans	Integer		true
dailyTotalTransRevenue	Integer		true
dailyTotalNewVisits	Integer		true
dailyTotalScreenviews	Integer		true
dailyTotalUnique	Integer		true
dailyTotalTimeOnScreen	Integer		true
dailyTotalTotalTransRevenue	Integer		true
dailyTotalSessionQualityDim	Integer		true
dailyAveHitsPerSession	Float		true
dailyAvePageviewsPerSession	Float		true
dailyAveTimeOnSitePerSession	Float		true
dailyAveTimeOnScreenPerSession	Float		true

Constraint Table Entries(row7):

Name	Type	Expression	isNullable
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Mapper table for tMap_4 (output):

Mapper table Properties(cust_seg_90):

Properties	Values
Name	cust_seg_90
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(cust_seg_90):

Name	Type	Expression	isNullable
custSid	int	row7.custSid	false
custUID	String	row7.custUID	true
dateSid	String	((String)globalMap.get("inputDate"))	true
aggTotalSessions_30	Integer	0	true
aggTotalVisits_30	Integer	0	true
aggTotalHits_30	Integer	0	true
aggTotalPageviews_30	Integer	0	true

aggTotalUnique_30	Integer	0	true
aggTimeOnSite_30	Integer	0	true
aggTotalSessions_60	Integer	0	true
aggTotalVisits_60	Integer	0	true
aggTotalHits_60	Integer	0	true
aggTotalPageviews_60	Integer	0	true
aggTotalUnique_60	Integer	0	true
aggTimeOnSite_60	Integer	0	true
aggTotalSessions_90	Integer	row7.dailyTotalSessions == null ? 0:row7.dailyTotalSessions	true
aggTotalVisits_90	Integer	row7.dailyTotalVisits == null ? 0:row7.dailyTotalVisits	true
aggTotalHits_90	Integer	row7.dailyTotalHits == null ? 0:row7.dailyTotalHits	true
aggTotalPageviews_90	Integer	row7.dailyTotalPageviews == null ? 0:row7.dailyTotalPageviews	true
aggTotalUnique_90	Integer	row7.dailyTotalUnique == null ? 0:row7.dailyTotalUnique	true
aggTimeOnSite_90	Integer	row7.dailyTotalTimeOnSite == null ? 0: row7.dailyTotalTimeOnSite	true
lastLoginDate	String	row7.dateSid	true

Constraint Table Entries(cust_seg_90):

Name	Type	Expression	isNullable
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Mapper table for tMap_4 (var):**Mapper table Properties(Var):**

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null


Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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Component tMap

	UNIQUE NAME	tMap_5	INPUT(S)	tMysqlInput_7 , tAggregateRow_8
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMysqlOutput_1

Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	" /home/centos/job_temp "
Max buffer size (nb of rows):	2000000
Ignore trailing zeros for BigDecimal	true
Show Information	false
Comment	
Use an existing validation rule	false

Mapper table for tMap_5 (input):**Mapper table Properties(row9):**

Properties	Values
Name	row9
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row9):

Name	Type	Expression	isNullable
custSid	int		false
custUID	String		true
dateSid	String		true
aggTotalSessions_30	Integer		true
aggTotalVisits_30	Integer		true
aggTotalHits_30	Integer		true
aggTotalPageviews_30	Integer		true

aggTotalUnique_30	Integer		true
aggTimeOnSite_30	Integer		true
aggTotalSessions_60	Integer		true
aggTotalVisits_60	Integer		true
aggTotalHits_60	Integer		true
aggTotalPageviews_60	Integer		true
aggTotalUnique_60	Integer		true
aggTimeOnSite_60	Integer		true
aggTotalSessions_90	Integer		true
aggTotalVisits_90	Integer		true
aggTotalHits_90	Integer		true
aggTotalPageviews_90	Integer		true
aggTotalUnique_90	Integer		true
aggTimeOnSite_90	Integer		true
lastLoginDate	String		true

Constraint Table Entries(row9):

Name	Type	Expression	isNullable
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Mapper table Properties(out3):

Properties	Values
Name	out3
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(out3):

Name	Type	Expression	isNullable
custUID	String	row9.custUID	true
visitHour	Integer		true

Constraint Table Entries(out3):

Name	Type	Expression	isNullable
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Mapper table Properties(row10):

Properties	Values
Name	row10
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row10):

Name	Type	Expression	isNullable
custUID	String	row9.custUID	true
deviceSid	Integer		true
geoSid	Integer		true

Constraint Table Entries(row10):

Name	Type	Expression	isNullable
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Mapper table for tMap_5 (output):**Mapper table Properties(endout):**

Properties	Values
Name	endout
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(endout):

Name	Type	Expression	isNullable
custSid	int	row9.custSid	false
custUID	String	row9.custUID	true
dateSid	String	row9.dateSid	true
lastLoginDate	String	row9.lastLoginDate	true
custSegment	String	row9.aggTotalSessions_30 >= 15?"Loyal (High)": row9.aggTotalSessions_30 >= 2?"Returning (Medium)": row9.aggTotalSessions_30 == 1?"New User (Low)": "Lost"	true

custCount	Integer	1	true
aggTotalSessions_30	Integer	row9.aggTotalSessions_30	true
aggTotalVisits_30	Integer	row9.aggTotalVisits_30	true
aggTotalHits_30	Integer	row9.aggTotalHits_30	true
aggTotalPageviews_30	Integer	row9.aggTotalPageviews_30	true
aggTotalUnique_30	Integer	row9.aggTotalUnique_30	true
aggTimeOnSite_30	Integer	row9.aggTimeOnSite_30	true
aggTotalSessions_60	Integer	row9.aggTotalSessions_60	true
aggTotalVisits_60	Integer	row9.aggTotalVisits_60	true
aggTotalHits_60	Integer	row9.aggTotalHits_60	true
aggTotalPageviews_60	Integer	row9.aggTotalPageviews_60	true
aggTotalUnique_60	Integer	row9.aggTotalUnique_60	true
aggTimeOnSite_60	Integer	row9.aggTimeOnSite_60	true
aggTotalSessions_90	Integer	row9.aggTotalSessions_90	true
aggTotalVisits_90	Integer	row9.aggTotalVisits_90	true
aggTotalHits_90	Integer	row9.aggTotalHits_90	true
aggTotalPageviews_90	Integer	row9.aggTotalPageviews_90	true

aggTotalUnique_90	Integer	row9.aggTotalUnique_90	true
aggTimeOnSite_90	Integer	row9.aggTimeOnSite_90	true
preferredTopic_30	String		true
activeHour_30	Integer	out3.visitHour	true
latest_deviceSid_30	Integer	row10.deviceSid	true
latest_geoSid_30	Integer	row10.geoSid	true

Constraint Table Entries(endout):

Name	Type	Expression	isNullable
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Mapper table for tMap_5 (var):

Mapper table Properties(Var):

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null


Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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Component tMap

	UNIQUE NAME	tMap_7	INPUT(S)	tHashInput_3 , tAggregateRow_7
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_5

Component Parameters:

Properties	Values
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tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	" /home/centos/job_temp "
Max buffer size (nb of rows):	2000000
Ignore trailing zeros for BigDecimal	true
Show Information	false
Comment	
Use an existing validation rule	false

Mapper table for tMap_7 (input):

Mapper table Properties(row17):

Properties	Values
Name	row17
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row17):

Name	Type	Expression	isNullable
custUID	String		true
visitHour	Integer		true
hourCount	Integer		true

Constraint Table Entries(row17):

Name	Type	Expression	isNullable
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Mapper table Properties(row18):

Properties	Values
Name	row18
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	true
expressionFilter	null

Metadata Table Entries(row18):

Name	Type	Expression	isNullable
custUID	String	row17.custUID	true
visitHour	Integer		true
hourCount	Integer	row17.hourCount	true

Constraint Table Entries(row18):

Name	Type	Expression	isNullable
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Mapper table for tMap_7 (output):

Mapper table Properties(out3):

Properties	Values
Name	out3
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(out3):

Name	Type	Expression	isNullable
custUID	String	row17.custUID	true
visitHour	Integer	row17.visitHour	true

Constraint Table Entries(out3):

Name	Type	Expression	isNullable
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Mapper table for tMap_7 (var):

Mapper table Properties(Var):

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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