talend

Jobs

Generated by Talend Cloud Data Management Platform

Project Name	talendcloud	GENERATION DATE	31 Jan, 2019 2:59:51 PM
AUTHOR	Joshi, Nishad	Talend Cloud VERSION	7.1.1.20181026_1147

Summary

Project Description
Description
Preview Picture
Settings
Context List
Component List
Components Description

Project Description

Properties	Values
Name	talendcloud
Language	java

Description	

Description

Properties	Values
Name	NYSE_Calculate_AVG_Stock_Prices
Author	Joshi, Nishad
Version	1.0
Purpose	
Status	DEV
Description	
Creation	29 Sep, 2016 10:32:51 PM
Modification	9 Aug, 2018 3:33:29 PM

Preview Picture
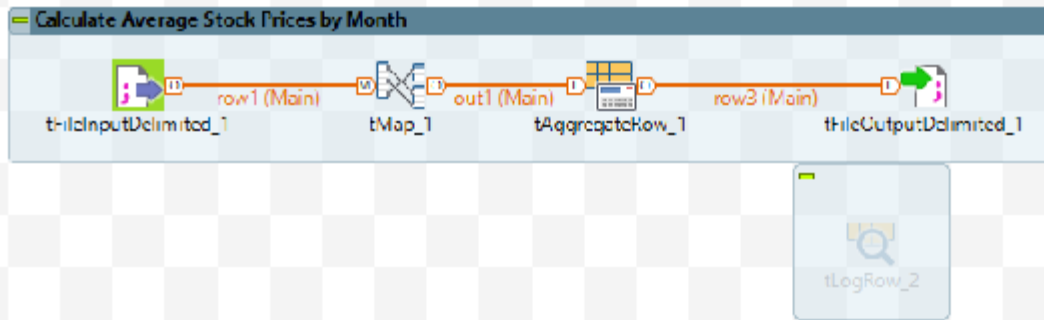
Settings

Extra settings

Name	Value
COMP_DEFAULT_FILE_DIR	
Multi thread execution	false
Implicit tContextLoad	false

Status & Logs

Name	Value
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	Need Prompt?	Type	Value
NYSE_Daily_Mege_File	NYSE_Daily_Mege_File?	false	id_String	
NYSE_Avg_Stock_Prices	NYSE_Avg_Stock_Prices?	false	id_String	"D:/Trainings/CITI/SampleFiles

Component List

Component Name	Component Type
tAggregateRow_1	tAggregateRow
tFileInputDelimited_1	tFileInputDelimited

tFileOutputDelimited_1	tFileOutputDelimited
tMap_1	tMap

Components Description

Component   tAggregateRow

	UNIQUE NAME	tAggregateRow_1	INPUT(S)	tMap_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileOutputDelimited_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:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Group by	[{OUTPUT_COLUMN=Month, INPUT_COLUMN=Month}, {OUTPUT_COLUMN=stock_symbol, INPUT_COLUMN=stock_symbol}]
Operations	[{OUTPUT_COLUMN=stock_price_open, FUNCTION=avg, INPUT_COLUMN=stock_price_open, IGNORE_NULL=false}, {OUTPUT_COLUMN=stock_price_high, FUNCTION=avg, INPUT_COLUMN=stock_price_high, IGNORE_NULL=false}, {OUTPUT_COLUMN=stock_price_low, FUNCTION=avg, INPUT_COLUMN=stock_price_low, IGNORE_NULL=false}]
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_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
Month	false	Integer	10		true	
exchange	false	String	4		true	
stock_symbol	false	String	3		true	
stock_price_open	false	Float	4		true	
stock_price_high	false	Float	4	3	true	
stock_price_low	false	Float	4	3	true	

Original Function Parameters:
Component tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_1	INPUT(S)	none	
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMap_1	

Component Parameters:

Properties	Values
Unique Name	tFileInputDelimited_1
Component Name	tFileInputDelimited

Version	0.102 (ALPHA)
Family	File/Input
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileInputDelimited
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Property Type	Built-In
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
File name/Stream	"D:/Trainings/CITI/SampleFiles/Assignment/NYSE_Daily_Merge.txt"

CSV options	false
Row Separator	"\n"
CSV Row Separator	"\n"
Field Separator	"|"
Escape char	"""
Text enclosure	"""
Header	1
Footer	0
Limit	10000
Skip empty rows	true
Uncompress as zip file	false
Die on error	false
Schema	Built-In
!!!TEMP_DIR.NAME!!!	"D:/Talend-Tools-Studio-20160704_1411-V6.2.1/workspace"
Advanced separator (for numbers)	false
Thousands separator	","
Decimal separator	"."
Extract lines at random	false
Number of lines	10
Trim all columns	false

Check column to trim	[{SCHEMA_COLUMN=exchange, TRIM=false}, {SCHEMA_COLUMN=stock_symbol, TRIM=false}, {SCHEMA_COLUMN=date, TRIM=false}, {SCHEMA_COLUMN=stock_price_open, TRIM=false}, {SCHEMA_COLUMN=stock_price_high, TRIM=false}, {SCHEMA_COLUMN=stock_price_low, TRIM=false}, {SCHEMA_COLUMN=stock_price_close, TRIM=false}, {SCHEMA_COLUMN=stock_volume, TRIM=false}, {SCHEMA_COLUMN=stock_price_adj_close, TRIM=false}, {SCHEMA_COLUMN=FileID, TRIM=false}]
Check each row structure against schema	false
Check date	false
Encoding	"ISO-8859-15"
Split row before field	false
Permit hexadecimal (0xNNN) or octal (0NNNN) for numeric types	false
Decode table	[{SCHEMA_COLUMN=exchange, DECODE=false}, {SCHEMA_COLUMN=stock_symbol, DECODE=false}, {SCHEMA_COLUMN=date, DECODE=false}, {SCHEMA_COLUMN=stock_price_open, DECODE=false}, {SCHEMA_COLUMN=stock_price_high, DECODE=false}, {SCHEMA_COLUMN=stock_price_low, DECODE=false}, {SCHEMA_COLUMN=stock_price_close, DECODE=false}, {SCHEMA_COLUMN=stock_volume, DECODE=false}, {SCHEMA_COLUMN=stock_price_adj_close, DECODE=false}, {SCHEMA_COLUMN=FileID, DECODE=false}]
!!!DESTINATION.NAME!!!	
Min column number of optimize code	100
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 tFileInputDelimited_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
exchange	false	String	4		true	
stock_symbol	false	String	3		true	
date	false	java.util.Date	10		true	
stock_price_open	false	Float	4		true	
stock_price_high	false	Float	4	3	true	
stock_price_low	false	Float	4	3	true	
stock_price_close	false	String	4	3	true	
stock_volume	false	Integer	7		true	
stock_price_adj_close	false	String	4	3	true	
FileID	false	String			true	

Original Function Parameters:
Component   tFileOutputDelimited

	UNIQUE NAME	tFileOutputDelimited_1	INPUT(S)	tAggregateRow_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tFileOutputDelimited_1

Component Name	tFileOutputDelimited
Version	0.101 (ALPHA)
Family	File/Output
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileOutputDelimited
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Property Type	Built-In
Use Output Stream	false
Output Stream	outputStream
File Name	context.NYSE_Avg_Stock_Prices

Row Separator	"\n"
Use OS line separator as row separator when CSV Row Separator is set to CR,LF or CRLF.	true
CSV Row Separator	"\n"
Field Separator	"|"
Append	false
Include Header	true
Compress as zip file	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Advanced separator (for numbers)	false
Thousands separator	","
Decimal separator	"."
CSV options	false
Escape char	"""
Text enclosure	"""
Create directory if does not exist	true
Split output in several files	false
Rows in each output file	1000
Custom the flush buffer size	false
Row number	1
Output in row mode	false
Encoding	"ISO-8859-15"

Don't generate empty file	false
Throw an error if the file already exist	false
Min column number of optimize code	90
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 tFileOutputDelimited_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
Month	false	Integer	10		true	
exchange	false	String	4		true	
stock_symbol	false	String	3		true	
stock_price_open	false	Float	4		true	
stock_price_high	false	Float	4	3	true	
stock_price_low	false	Float	4	3	true	

Original Function Parameters:
Component   tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tFileInputDelimited_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tAggregateRow_1

Component Parameters:

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

Mapper table for tMap_1 (input):
  Mapper table Properties(row1):

Properties	Values
Name	row1
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row1):

Name	Type	Expression	isNullable
exchange	String		true
stock_symbol	String		true
date	java.util.Date		true
stock_price_open	Float		true
stock_price_high	Float		true
stock_price_low	Float		true
stock_price_close	String		true
stock_volume	Integer		true
stock_price_adj_close	String		true
FileID	String		true

Constraint Table Entries(row1):

Name	Type	Expression	isNullable

Mapper table for tMap_1 (output):

Mapper table Properties(out1):

Properties	Values
Name	out1
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(out1):

Name	Type	Expression	isNullable
Month	Integer	row1.date.getMonth()	true
exchange	String	row1.exchange	true
stock_symbol	String	row1.stock_symbol	true
stock_price_open	Float	row1.stock_price_open	true
stock_price_high	Float	row1.stock_price_high	true
stock_price_low	Float	row1.stock_price_low	true

Constraint Table Entries(out1):

Name	Type	Expression	isNullable

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

Constraint Table Entries(Var):

Name	Type	Expression	isNullable