



Jobs

Generated by Talend Cloud Data
Management Platform

Project Name	talendcloud	GENERATION DATE	31 Jan, 2019 3:00:54 PM
AUTHOR	Joshi, Nishad	Talend Cloud VERSION	7.1.1.20181026_1147

Summary

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Project Description

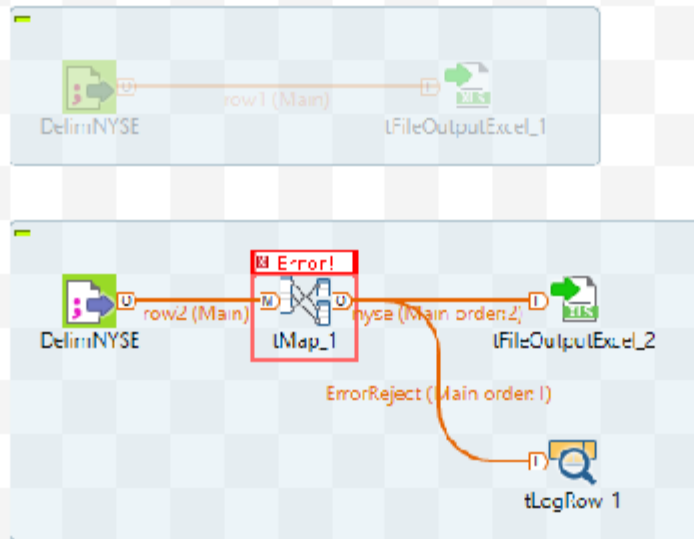
Properties	Values
Name	talendcloud
Language	java

Description	
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Description

Properties	Values
Name	ReadAndWriteDelimitedFile
Author	Joshi, Nishad
Version	1.0
Purpose	
Status	DEV
Description	
Creation	25 Oct, 2017 11:15:03 AM
Modification	25 Oct, 2017 2:50:47 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	Source
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Component List

Component Name	Component Type
tFileInputDelimited_2	tFileInputDelimited
tFileOutputExcel_2	tFileOutputExcel

tLogRow_1	tLogRow
tMap_1	tMap

Components Description

Component tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_2	INPUT(S)	none
	LABEL	DelimNYSE	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tFileInputDelimited_2
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
REPORT_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	repository: DELIM:DelimNYSE - metadata
File name/Stream	"F:/Trainings/CITI/SampleFiles/NYSE_daily_prices_A_tMapDebug.csv"
CSV options	true
Row Separator	"\n"
CSV Row Separator	"\n"
Field Separator	","
Escape char	"\""
Text enclosure	"\""
Header	1
Footer	0
Limit	
Skip empty rows	false

Uncompress as zip file	false
Die on error	false
Schema	repository: DELIM:DelimNYSE - metadata
!!!TEMP_DIR.NAME!!!	"F:/Talend-Tools-Studio-20170623_1246-V6.4.1/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}]
Check each row structure against schema	false
Check date	false
Encoding	"US-ASCII"
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}]


!!!DESTINATION.NAME!!!	
Min column number of optimize code	100
Label format	DelimNYSE
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for metadata :

Column	Key	Type	Length	Precision	Nullable	Comment
exchange	false	String	4		true	
stock_symbol	false	String	3		true	
date	false	String	10		true	
stock_price_open	false	String	4		true	
stock_price_high	false	Float	4	3	true	
stock_price_low	false	Float	4	3	true	
stock_price_close	false	Float	4	3	true	
stock_volume	false	String	7		true	

stock_price_adj_close	false	Float	4	3	true	
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Original Function Parameters: Component tFileOutputExcel

	UNIQUE NAME	tFileOutputExcel_2	INPUT(S)	tMap_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tFileOutputExcel_2
Component Name	tFileOutputExcel
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.tFileOutputExcel
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
Write excel2007 file format(xlsx)	true
Use Output Stream	false
Output Stream	outputStream
File Name	"F:/Trainings/CITI/SampleFiles/NYSEOut.xls"
Sheet name	"NYSE"
Include header	true
Append existing file	false
Append existing sheet	false
Is absolute Y pos.	false
First cell X	0
First cell Y	0
Keep existing cell format	false
Font	
Define all columns auto size	true

Define column auto size	<pre>[{SCHEMA_COLUMN=exchange, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_symbol, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=date, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_price_open, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_price_high, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_price_low, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_price_close, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_volume, IS_AUTO_SIZE=false}, {SCHEMA_COLUMN=stock_price_adj_close, IS_AUTO_SIZE=false}]</pre>
REPOSITORY_ALLOW_AUTO_SWITCH	16
Schema	Built-In
Create directory if does not exist	true
Custom the flush buffer size	false
Row number	100
Advanced separator (for numbers)	false
Thousands separator	" "
Decimal separator	"."
Encoding	"ISO-8859-15"
Don't generate empty file	false
Recalculate formula	false
!!!SCHEMA_OPT_NUM.NAME!!!	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 metadata :

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	3	true	
stock_price_high	false	Float	4	3	true	
stock_price_low	false	Float	4	3	true	
stock_price_close	false	Float	4	3	true	
stock_volume	false	Integer	7		true	
stock_price_adj_close	false	Float	4	3	true	

Original Function Parameters:
Component tLogRow

	UNIQUE NAME	tLogRow_1	INPUT(S)	tMap_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tLogRow_1
Component Name	tLogRow

Version	0.101 (ALPHA)
Family	Logs_Errors
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tLogRow
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
Basic	false
Table (print values in cells of a table)	true
Vertical (each row is a key/value list)	false


Print unique name	true
Print label	false
Print unique name and label	false
Field Separator	" "
Print header	false
Print component unique name in front of each output row	false
Print schema column name in front of each value	false
Use fixed length for values	false
Lengths	[[SCHEMA_COLUMN=errorMessage, LENGTH=10], [SCHEMA_COLUMN=errorStackTrace, LENGTH=10]]
Print content with log4j	true
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 tLogRow_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
errorMessage	false	String			true	

errorStackTrace	false	String			true	
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Original Function Parameters:
Component tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tFileInputDelimited_2
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tLogRow_1 , tFileOutputExcel_2

Columns

exchange
stock symbol
date
stock_price_open
stock_price_high
stock_price_low
stock_price_close
stock_volume
stock_price_and_close

Find:

Expression	Type	Variable
Boolean IS NULL from2.date r...	Date	<input type="checkbox"/> storedate
Boolean IS NULL from2.stock_s...	Text	<input type="checkbox"/> stock_price_open
Boolean IS NULL from2.stock_vo...	Int	<input type="checkbox"/> stock_volume

tFileInputDelimited_2

Expression	Column
from2.exchange	exchange
from2.stock_s...	stock symbol
from2.date	date
from2.stock_p...	stock_price_open
from2.stock_p...	stock_price_high
from2.stock_p...	stock_price_low
from2.stock_p...	stock_price_close
from2.stock_v...	stock_volume
from2.stock_p...	stock_price_and_close

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(row2):

Properties	Values
Name	row2
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row2):

Name	Type	Expression	isNullable
exchange	String		true
stock_symbol	String		true
date	String		true
stock_price_open	String		true
stock_price_high	Float		true
stock_price_low	Float		true
stock_price_close	Float		true
stock_volume	String		true
stock_price_adj_close	Float		true

Constraint Table Entries(row2):

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

Mapper table Properties(ErrorReject):

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

Metadata Table Entries(ErrorReject):

Name	Type	Expression	isNullable
errorMessage	String		true
errorStackTrace	String		true

Constraint Table Entries(ErrorReject):

Name	Type	Expression	isNullable
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Mapper table Properties(nyse):

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

Metadata Table Entries(nyse):

Name	Type	Expression	isNullable
exchange	String	row2.exchange	true
stock_symbol	String	row2.stock_symbol	true
date	java.util.Date	Var.stockdate	true
stock_price_open	Float	Var.stockpriceopen	true
stock_price_high	Float	row2.stock_price_high	true
stock_price_low	Float	row2.stock_price_low	true
stock_price_close	Float	row2.stock_price_close	true
stock_volume	Integer	Var.stockvolume	true
stock_price_adj_close	Float	row2.stock_price_adj_close	true

Constraint Table Entries(nyse):

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	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(Var):

Name	Type	Expression	isNullable
stockdate	java.util.Date	Relational.ISNULL(row2.date) row2.date.isEmpty() ? TalendDate.parseDate("MM/dd/yyyy","12/31/2100") : TalendDate.parseDate("MM/dd/yyyy",row2.date)	false
stockpriceopen	float	Relational.ISNULL(row2.stock_price_open) row2.stock_price_open.isEmpty() ? Float.parseFloat("0.0") : Float.parseFloat(row2.stock_price_open)	false
stockvolume	int	Relational.ISNULL(row2.stock_volume) row2.stock_volume.isEmpty() ? Integer.parseInt("0") : Integer.parseInt(row2.stock_volume)	false

Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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