



Jobs

Generated by Talend Cloud Data
Management Platform

Project Name	talendcloud	GENERATION DATE	31 Jan, 2019 2:59:38 PM
AUTHOR	Joshi, Nishad	Talend Cloud VERSION	7.1.1.20181026_1147

Summary

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Project Description

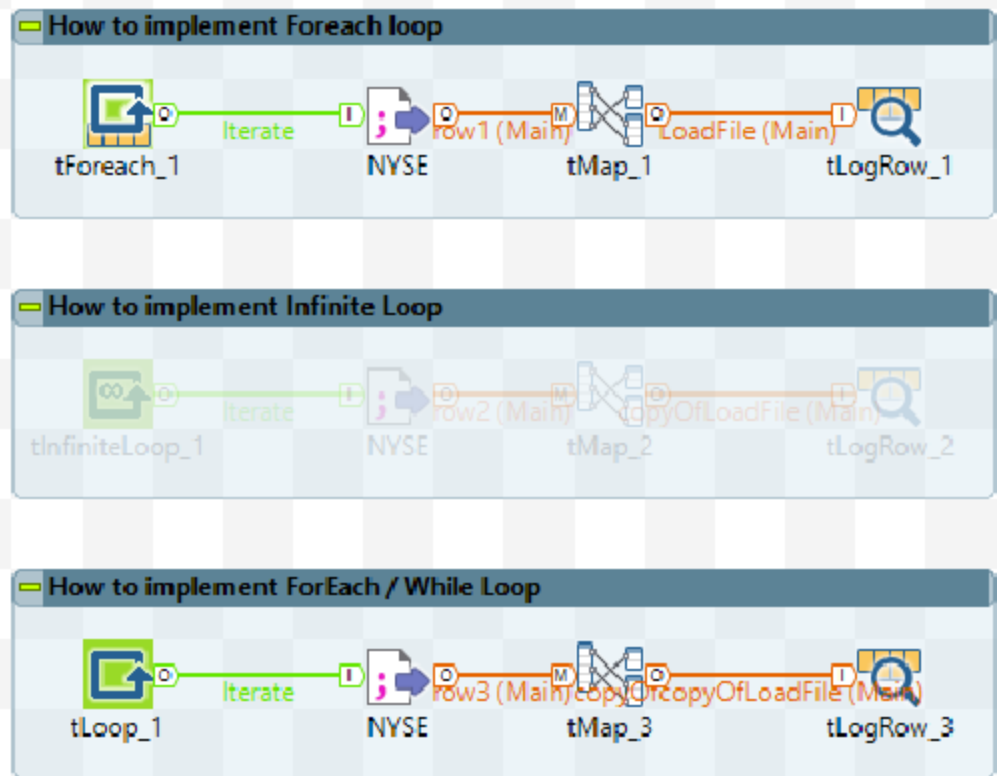
Properties	Values
Name	talendcloud
Language	java

Description	
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Description

Properties	Values
Name	UsingLoopComponents
Author	Joshi, Nishad
Version	1.0
Purpose	
Status	DEV
Description	
Creation	16 May, 2016 7:27:34 AM
Modification	8 Aug, 2018 1:23:50 PM

Preview Picture



Settings

Extra settings

Name	Value
COMP_DEFAULT_FILE_DIR	
Multi thread execution	false
Implicit tContextLoad	false

Status & Logs

Name	Value
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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
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tFileInputDelimited_1	tFileInputDelimited
tFileInputDelimited_3	tFileInputDelimited
tForeach_1	tForeach
tLogRow_1	tLogRow
tLogRow_3	tLogRow
tLoop_1	tLoop
tMap_1	tMap
tMap_3	tMap

Components Description

Component tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_1	INPUT(S)	tForeach_1
	LABEL	NYSE	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tFileInputDelimited_1
Component Name	tFileInputDelimited
Version	0.102 (ALPHA)
Family	File/Input

Start	false
Startable	true
SUBTREE_START	false
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	repository: DELIM:NYSE - metadata
File name/Stream	"F:/Trainings/CITI/SampleFiles/FTP/" + ((String)globalMap.get("tForeach_1_CURRENT_VALUE"))
CSV options	false
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:NYSE - metadata
!!!TEMP_DIR.NAME!!!	"D:/Talend-Tools-Studio-20151214_1327-V6.1.1/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	NYSE
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	

Original Function Parameters:
Component tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_3	INPUT(S)	tLoop_1
	LABEL	NYSE	OUTPUT(S)	tMap_3

Component Parameters:

Properties	Values
Unique Name	tFileInputDelimited_3
Component Name	tFileInputDelimited
Version	0.102 (ALPHA)
Family	File/Input
Start	false
Startable	true
SUBTREE_START	false

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	repository: DELIM:NYSE - metadata
File name/Stream	"F:/Trainings/Talend/Sample_Files/NYSE/" + ((String)globalMap.get("tForeach_2_CURRENT_VALUE"))
CSV options	false
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:NYSE - metadata
!!!TEMP_DIR.NAME!!!	"D:/Talend-Tools-Studio-20151214_1327-V6.1.1/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	NYSE
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	

Original Function Parameters:
Component tForeach

	UNIQUE NAME	tForeach_1	INPUT(S)	none
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileInputDelimited_1

Component Parameters:

Properties	Values
Unique Name	tForeach_1
Component Name	tForeach
Version	0.102 (ALPHA)
Family	Orchestration
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false

tStatCatcher Statistics	false
Help	org.talend.help.tForeach
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
Values	[{VALUE="NYSE_daily_prices_A.csv"}, {VALUE="NYSE_daily_prices_B.csv"}]
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	

Original Function Parameters: Component tLogRow

	UNIQUE NAME	tLogRow_1	INPUT(S)	tMap_1

	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none
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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	WITH
Schema	Built-In
Basic	true
Table (print values in cells of a table)	false
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=exchange, LENGTH=10}, {SCHEMA_COLUMN=stock_symbol, LENGTH=10}, {SCHEMA_COLUMN=date, LENGTH=10}, {SCHEMA_COLUMN=stock_price_open, LENGTH=10}, {SCHEMA_COLUMN=stock_price_high, LENGTH=10}, {SCHEMA_COLUMN=stock_price_low, LENGTH=10}, {SCHEMA_COLUMN=stock_price_close, LENGTH=10}, {SCHEMA_COLUMN=stock_volume, LENGTH=10}, {SCHEMA_COLUMN=stock_price_adj_close, 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 LoadFile :

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	

Original Function Parameters:
Component tLogRow

	UNIQUE NAME	tLogRow_3	INPUT(S)	tMap_3
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tLogRow_3
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	true
Table (print values in cells of a table)	false
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=exchange, LENGTH=10}, {SCHEMA_COLUMN=stock_symbol, LENGTH=10}, {SCHEMA_COLUMN=date, LENGTH=10}, {SCHEMA_COLUMN=stock_price_open, LENGTH=10}, {SCHEMA_COLUMN=stock_price_high, LENGTH=10}, {SCHEMA_COLUMN=stock_price_low, LENGTH=10}, {SCHEMA_COLUMN=stock_price_close, LENGTH=10}, {SCHEMA_COLUMN=stock_volume, LENGTH=10}, {SCHEMA_COLUMN=stock_price_adj_close, 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 LoadFile :

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	

Original Function Parameters:
Component tLoop


	UNIQUE NAME	tLoop_1	INPUT(S)	none
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileInputDelimited_3

Component Parameters:

Properties	Values
Unique Name	tLoop_1
Component Name	tLoop
Version	0.102 (ALPHA)
Family	Orchestration
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tLoop
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
For	true

While	false
From	1
To	10
Step	1
Values are increasing	true
Declaration	int i=0
Condition	i<10
Iteration	i++
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	

Original Function Parameters:
Component tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tFileInputDelimited_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tLogRow_1

Component Parameters:

Properties	Values
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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	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(row1):

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

Mapper table Properties(LoadFile):

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

Metadata Table Entries(LoadFile):

Name	Type	Expression	isNullable
exchange	String	row1.exchange	true
stock_symbol	String	row1.stock_symbol	true
date	String	row1.date	true
stock_price_open	String	row1.stock_price_open	true
stock_price_high	Float	row1.stock_price_high	true
stock_price_low	Float	row1.stock_price_low	true
stock_price_close	Float	row1.stock_price_close	true
stock_volume	String	row1.stock_volume	true
stock_price_adj_close	Float	row1.stock_price_adj_close	true

Constraint Table Entries(LoadFile):

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)	tFileInputDelimited_3
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tLogRow_3

Component Parameters:

Properties	Values
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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_3 (input):
Mapper table Properties(row3):

Properties	Values
Name	row3
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row3):

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(row3):

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

Mapper table Properties(copyOfcopyOfLoadFile):

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

Metadata Table Entries(copyOfcopyOfLoadFile):

Name	Type	Expression	isNullable
exchange	String	row3.exchange	true
stock_symbol	String	row3.stock_symbol	true
date	String	row3.date	true
stock_price_open	String	row3.stock_price_open	true
stock_price_high	Float	row3.stock_price_high	true
stock_price_low	Float	row3.stock_price_low	true
stock_price_close	Float	row3.stock_price_close	true
stock_volume	String	row3.stock_volume	true
stock_price_adj_close	Float	row3.stock_price_adj_close	true

Constraint Table Entries(copyOfcopyOfLoadFile):

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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