Jobs

Generated by Talend Data Fabric

Project Name	DI Basic Training	GENERATION DATE	Mar 9, 2018 11:42:16 AM
AUTHOR	security, security	Talend Data Fabric VERSION	6.5.1.20180116_1512

Summary

Project Description
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Project Description

Properties	Values
Name	DI Basic Training
Language	java
Description	

Description

Properties	Values
Name	LookupState
Author	security, security
Version	0.1
Purpose	Convert State Column to upper case - capitalizing all State Codes
Status	
Description	Reads a customer file and then converts the state column to uppercase characters. Then writes the result to a CSV file. (Ex. ca => CA, mn => MN)
Creation	Mar 8, 2018 11:32:21 AM
Modification	Mar 9, 2018 11:42:02 AM

Preview Picture
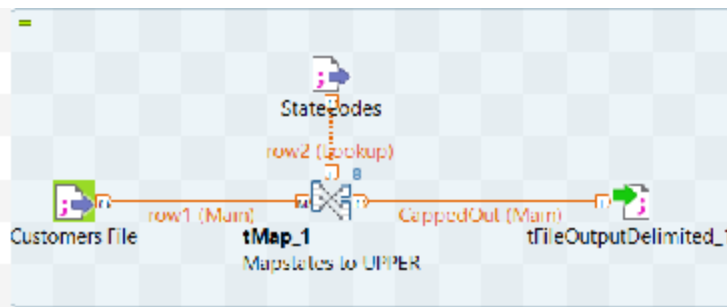
Author: John Winkel
Created: March 2018
Revision: March 2018 (Added Docu...

TODO:
* Add a numeric sequential ID to the output flow
* Remove tLogRow when debugging complete
* Once tested, change output from file to db

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

Component List

Component Name	Component Type
tFileInputDelimited_1	tFileInputDelimited
tFileInputDelimited_2	tFileInputDelimited
tFileOutputDelimited_1	tFileOutputDelimited

tMap_1	tMap

Components Description

Component   tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_1	INPUT(S)	none
	LABEL	Customers File	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	D:\Talend-Studio-20180116_1512-V6.5.1\configuration\lib\j
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	repository: DELIM:CustomersFile
File name/Stream	"D:/Talend/Test Data/Custs.csv"
CSV options	false
Row Separator	"\n"
CSV Row Separator	"\n"
Field Separator	","
Escape char	"""

Text enclosure	"""
Header	0
Footer	0
Limit	
Skip empty rows	false
Uncompress as zip file	false
Die on error	false
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	repository: DELIM:CustomersFile - CustomerMetadata
Schema	repository: DELIM:CustomersFile - metadata
!!!TEMP_DIR.NAME!!!	"D:/Talend-Studio-20180116_1512-V6.5.1/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=First, TRIM=false}, {SCHEMA_COLUMN=Last, TRIM=false}, {SCHEMA_COLUMN=Number, TRIM=false}, {SCHEMA_COLUMN=Street, TRIM=false}, {SCHEMA_COLUMN=City, TRIM=false}, {SCHEMA_COLUMN=State, 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=First, DECODE=false}, {SCHEMA_COLUMN=Last, DECODE=false}, {SCHEMA_COLUMN=Number, DECODE=false}, {SCHEMA_COLUMN=Street, DECODE=false}, {SCHEMA_COLUMN=City, DECODE=false}, {SCHEMA_COLUMN=State, DECODE=false}]
!!!DESTINATION.NAME!!!	
Min column number of optimize code	100
Label format	Customers File
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false

Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for CustomerMetadata :

Column	Key	Type	Length	Precision	Nullable	Comment
First	false	String	8		true	
Last	false	String	10		true	
Number	false	String			true	
Street	false	String	21		true	
City	false	String	14		true	
State	false	String	2		true	

Original Function Parameters:
Component   tFileInputDelimited

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

Component Parameters:

Properties	Values
Unique Name	tFileInputDelimited_2

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	D:\Talend-Studio-20180116_1512-V6.5.1\configuration\lib\j
Subjob color	
Title color	
Enable parallel execution	false

Number of parallel executions	2
	false
Property Type	repository: DELIM:StateCodes
File name/Stream	"D:/Talend/Test Data/States.txt"
CSV options	false
Row Separator	"\n"
CSV Row Separator	"\n"
Field Separator	","
Escape char	"""
Text enclosure	"""
Header	0
Footer	0
Limit	
Skip empty rows	false
Uncompress as zip file	false
Die on error	false
REPOSITORY_ALLOW_AUTO_SWITCH	true

Schema	repository: DELIM:StateCodes - StateCodesSchema
Schema	repository: DELIM:StateCodes - StateCodesSchema
!!!TEMP_DIR.NAME!!!	"D:/Talend-Studio-20180116_1512-V6.5.1/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=StateCode, TRIM=false}, {SCHEMA_COLUMN=StateName, 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=StateCode, DECODE=false}, {SCHEMA_COLUMN=StateName, DECODE=false}]

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

Schema for StateCodesSchema :

Column	Key	Type	Length	Precision	Nullable	Comment
StateCode	false	String	2		true	
StateName	false	String	20		true	

Original Function Parameters:
Component   tFileOutputDelimited

	UNIQUE NAME	tFileOutputDelimited_1	INPUT(S)	tMap_1 , tFileInputDelimited_2
	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	D:\Talend-Studio-20180116_1512-V6.5.1\configuration\lib\j
Subjob color	
Title color	

Enable parallel execution	false
Number of parallel executions	2
	false
Property Type	Built-In
Use Output Stream	false
Output Stream	outputStream
File Name	"D:/Talend/Test Data/CappedOut.csv"
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	false
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 CappedOut :

Column	Key	Type	Length	Precision	Nullable	Comment
Name	false	String	15		true	
Number	false	String	10		true	
Street	false	String	20		true	
City	false	String	20		true	
State	false	String	2		true	
StateName	false	String	20		true	

Original Function Parameters:
Component   tMap

UNIQUE NAME	tMap_1	INPUT(S)	tMap_1 , tFileInputDelimited_2

LABEL	__UNIQUE_NAME__ Mapstates to UPPER	OUTPUT(S)	tFileOutputDelimited_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	true
Show Information	true
Comment	Once fully debugged it's ok to delete the tMap Join Failures and tLogRow compone
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
First	String		true
Last	String		true
Number	String		true
Street	String		true
City	String		true
State	String		true

Constraint Table Entries(row1):

Name	Type	Expression	isNullable

Mapper table Properties(row2):

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

Metadata Table Entries(row2):

Name	Type	Expression	isNullable
StateCode	String	row1.State.toUpperCase()	true
StateName	String		true

Constraint Table Entries(row2):

Name	Type	Expression	isNullable

Mapper table for tMap_1 (output):

Mapper table Properties(CappedOut):

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

Metadata Table Entries(CappedOut):

Name	Type	Expression	isNullable
Name	String	row1.First + " " + row1.Last	true
Number	String	row1.Number	true
Street	String	row1.Street	true
City	String	row1.City	true
State	String	StringHandling.UPCASE(row1.State)	true
StateName	String	row2.StateName	true

Constraint Table Entries(CappedOut):

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