talend

Jobs

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Management Platform

Project Name	talendcloud	GENERATION DATE	31 Jan, 2019 2:56:42 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	xmlSample2
Author	Joshi, Nishad
Version	0.1
Purpose	
Status	
Description	
Creation	13 Feb, 2008 6:42:54 PM
Modification	24 Jul, 2017 5:50:49 PM

Preview Picture

How to make a lookup on the same file?
In this example, the xml file describe a list of books and the associated customers.

tFileInputXML_2
read the customer information

row3 (lookup)

tFileInputXML_3
read the books properties

row1 (Main)

tMap_1

output (Main)

tLogRow_1
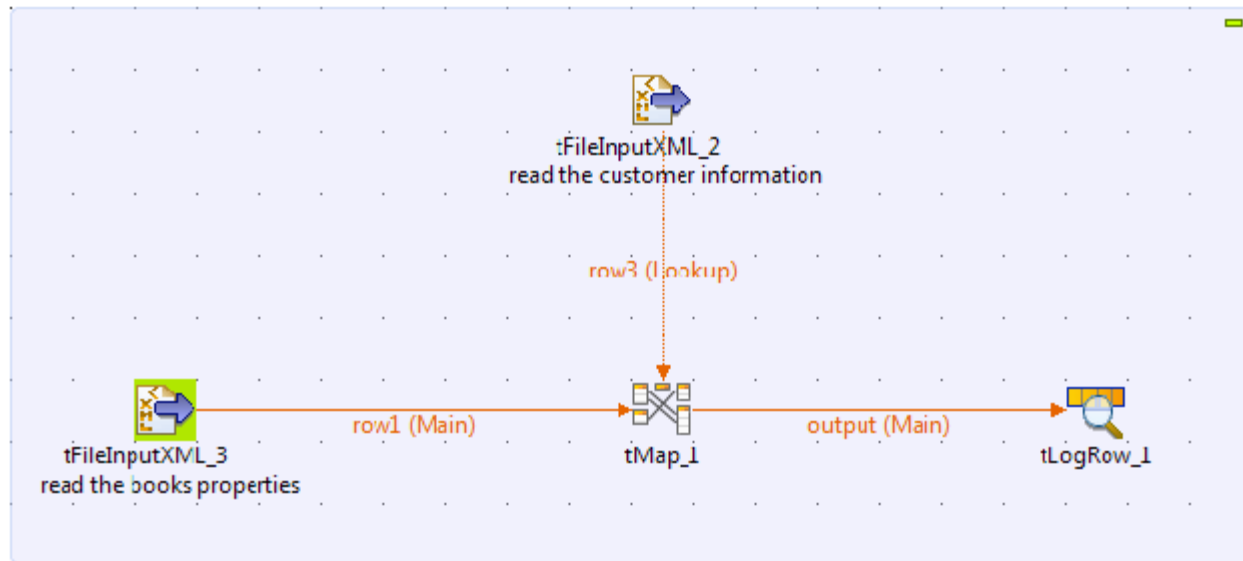
Settings

Extra settings

Name	Value
COMP_DEFAULT_FILE_DIR	C:/Users/jlamiel/Talend/Install/Talend-4.2/TOS/TOS-All-r59885-V4.2.0/
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

Contextdemo

Name	Prompt	Need Prompt?	Type	Value	Source
sampleInt	please define an sample int:	false	id_Integer	100	
root	Set the path of the dir to store the example files folder:	false	id_String	C:\TalendDemoFiles\globalContext	

Component List

Component Name	Component Type
tFileInputXML_2	tFileInputXML
tFileInputXML_3	tFileInputXML
tLogRow_1	tLogRow
tMap_1	tMap

Components Description

Component   tFileInputXML

	UNIQUE NAME	tFileInputXML_2	INPUT(S)	none
	LABEL	__UNIQUE_NAME__ read the customer information	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tFileInputXML_2
Component Name	tFileInputXML
Version	0.102 (ALPHA)
Family	File/Input|XML
Start	false
Startable	true

SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileInputXML
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	context.root.concat("talend_files_0.1/in/XML/sample.xml")
Loop XPath query	"/root/customers/country/state/customer"
Mapping	[{SCHEMA_COLUMN=Paysname, QUERY="../../@name", NODECHECK=false}, {SCHEMA_COLUMN=stateName, QUERY="../@name", NODECHECK=false}, {SCHEMA_COLUMN=name, QUERY="@firstname", NODECHECK=false}, {SCHEMA_COLUMN=lname, QUERY="@lastname", NODECHECK=false}]
Limit	

Die on error	false
Schema	Built-In
Advanced separator (for numbers)	false
Thousands separator	','
Decimal separator	'.'
Ignore the namespaces	false
Ignore DTD file	false
Generate a temporary file	"/home/nfrancisco/Bureau/TOS-All-r39316-V4.0.0RC3/workspace/temp.xml"
Use Separator for mode Xerces	false
Field Separator	","
Generation mode	Dom4j
Validate date	false
Encoding	"ISO-8859-15"
Min column number of optimize code	100
Label format	__UNIQUE_NAME__ read the customer information
Hint format	__UNIQUE_NAME__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tFileInputXML_2 :

Column	Key	Type	Length	Precision	Nullable	Comment
Paysname	false	String	3		true	
stateName	false	String	8		true	
name	false	String	6		true	
lname	false	String	7		true	

Original Function Parameters:
Component   tFileInputXML

	UNIQUE NAME	tFileInputXML_3	INPUT(S)	none
	LABEL	__UNIQUE_NAME__ read the books properties	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tFileInputXML_3
Component Name	tFileInputXML
Version	0.102 (ALPHA)
Family	File/Input|XML
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	false

Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileInputXML
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	context.root.concat("talend_files_0.1/in/XML/sample.xml")
Loop XPath query	"/root/biblio/book"
Mapping	[{SCHEMA_COLUMN=idtitre, QUERY="@id", NODECHECK=false}, {SCHEMA_COLUMN=sousTitre, QUERY="title/@subtitle", NODECHECK=false}, {SCHEMA_COLUMN=auteur, QUERY="author", NODECHECK=false}, {SCHEMA_COLUMN=editeur, QUERY="PublishingInfos/publisher", NODECHECK=false}]
Limit	
Die on error	false
Schema	Built-In

Advanced separator (for numbers)	false
Thousands separator	','
Decimal separator	'.'
Ignore the namespaces	false
Ignore DTD file	false
Generate a temporary file	"/home/nfrancisco/Bureau/TOS-All-r39316-V4.0.0RC3/workspace/temp.xml"
Use Separator for mode Xerces	false
Field Separator	","
Generation mode	Dom4j
Validate date	false
Encoding	"ISO-8859-15"
Min column number of optimize code	100
Label format	__UNIQUE_NAME__ read the books properties
Hint format	__UNIQUE_NAME__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tFileInputXML_3 :

Column	Key	Type	Length	Precision	Nullable	Comment
idtitre	false	Integer	1		true	

sousTitre	false	String	12		true	
auteur	false	String	7		true	
editeur	false	String	8		true	

Original Function Parameters:
Component   tLogRow

	UNIQUE NAME	tLogRow_1	INPUT(S)	tMap_1 , tFileInputXML_2
	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	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=titre, LENGTH=10}, {SCHEMA_COLUMN=sousTitre, LENGTH=10}, {SCHEMA_COLUMN=editeur, LENGTH=10}, {SCHEMA_COLUMN=auteur, LENGTH=10}, {SCHEMA_COLUMN=name, LENGTH=10}, {SCHEMA_COLUMN=Paysname, LENGTH=10}, {SCHEMA_COLUMN=stateName, LENGTH=10}]
Print content with log4j	false
Min column number of optimize code	100
Label format	__UNIQUE_NAME__
Hint format	__UNIQUE_NAME__
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
titre	false	Integer			true	
sousTitre	false	String	12		true	
editeur	false	String	8		true	
auteur	false	String	7		true	
name	false	String	6		true	
Paysname	false	String	3		true	
stateName	false	String	8		true	

Original Function Parameters:
Component   tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tMap_1 , tFileInputXML_2
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tLogRow_1
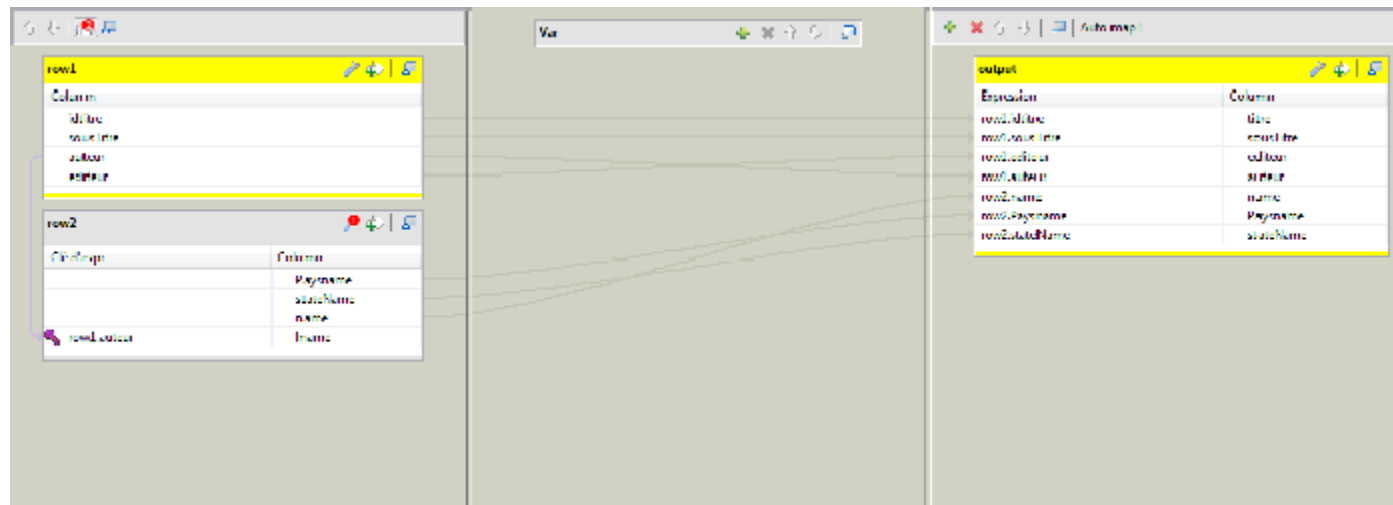
Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	"D:\TOS-All-r14257-V2.4.0RC2\workspace/temp"
Max buffer size (nb of rows):	10000000

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
idtitre	Integer		true
sousTitre	String		true
auteur	String		true
editeur	String		true

Constraint Table Entries(row1):

Name	Type	Expression	isNullable

Mapper table Properties(row3):

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

Metadata Table Entries(row3):

Name	Type	Expression	isNullable
Paysname	String		true
stateName	String		true
name	String		true
lname	String	row1.auteur	true

Constraint Table Entries(row3):

Name	Type	Expression	isNullable

Mapper table for tMap_1 (output):
Mapper table Properties(output):

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

Metadata Table Entries(output):

Name	Type	Expression	isNullable
titre	Integer	row1.idtitre	true
sousTitre	String	row1.sousTitre	true
editeur	String	row1.editeur	true
auteur	String	row1.auteur	true
name	String	row3.name	true
Paysname	String	row3.Paysname	true
stateName	String	row3.stateName	true

Constraint Table Entries(output):

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