



Jobs

Generated by Talend Data Management Platform

Project Name	serverless_etl	GENERATION DATE	03/01/2019 5:38:03 PM
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Project Description

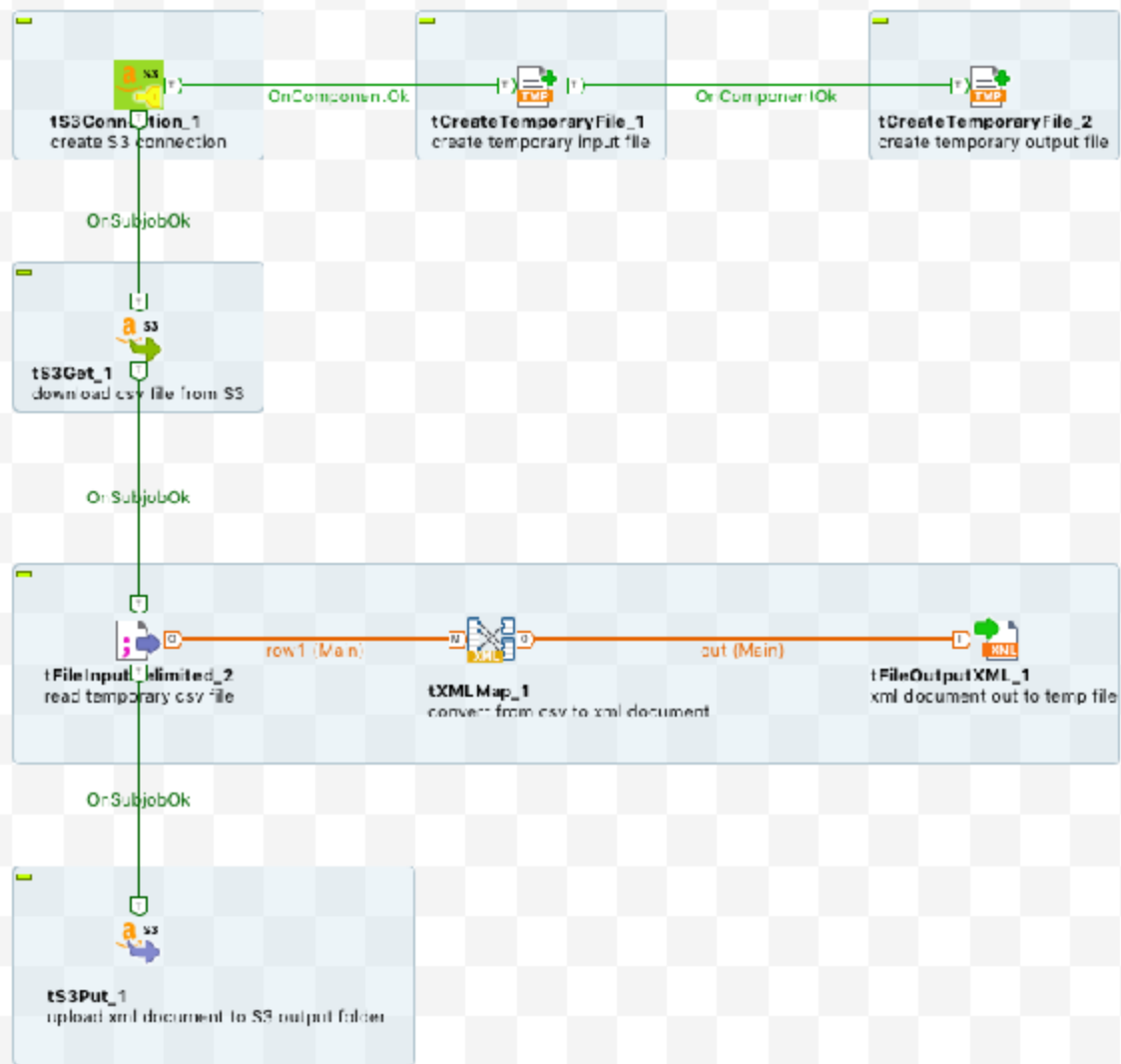
Properties	Values
Name	serverless_etl
Language	java

Description	
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Description

Properties	Values
Name	customers_csv_to_xml
Author	ali@versent.com.au
Version	0.1
Purpose	
Status	
Description	
Creation	19/02/2017 7:29:56 AM
Modification	03/01/2019 2:48:33 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
s3_file	s3_file?	false	id_String	"input/customers.csv"	
aws_access_key_id	aws_access_key_id?	false	id_Password	****	


aws_secret_access_key	aws_secret_access_key?	false	id_Password	****	
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Component List

Component Name	Component Type
tCreateTemporaryFile_1	tCreateTemporaryFile
tCreateTemporaryFile_2	tCreateTemporaryFile
tFileInputDelimited_2	tFileInputDelimited
tFileOutputXML_1	tFileOutputXML
tS3Connection_1	tS3Connection
tS3Get_1	tS3Get
tS3Put_1	tS3Put
tXMLMap_1	tXMLMap

Components Description

Component [tCreateTemporaryFile](#)


	UNIQUE NAME	tCreateTemporaryFile_1	INPUT(S)	tS3Connection_1
	LABEL	__UNIQUE_NAME__ create temporary input file	OUTPUT(S)	tCreateTemporaryFile_2

Component Parameters:

Properties	Values
Unique Name	tCreateTemporaryFile_1
Component Name	tCreateTemporaryFile
Version	0.102 (ALPHA)
Family	File/Management
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tCreateTemporaryFile
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Remove file when execution is over	true

Use default temporary system directory	true
Directory	"C:/americo/talend/talend_6.3.1/workspace"
Template	"talend_XXXX"
Suffix	"tmp"
Label format	__UNIQUE_NAME__ create temporary input file
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 tCreateTemporaryFile

	UNIQUE NAME	tCreateTemporaryFile_2	INPUT(S)	tCreateTemporaryFile_1
	LABEL	__UNIQUE_NAME__ create temporary output file	OUTPUT(S)	none


Component Parameters:

Properties	Values
Unique Name	tCreateTemporaryFile_2
Component Name	tCreateTemporaryFile
Version	0.102 (ALPHA)
Family	File/Management

Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tCreateTemporaryFile
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Remove file when execution is over	true
Use default temporary system directory	true
Directory	"C:/americo/talend/talend_6.3.1/workspace"
Template	"talend_XXXX"
Suffix	"tmp"
Label format	__UNIQUE_NAME__ create temporary output file

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 tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_2	INPUT(S)	tS3Get_1
	LABEL	__UNIQUE_NAME__ read temporary csv file	OUTPUT(S)	tXMLMap_1 , tS3Put_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	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	/Applications/TalendStudio-7.1.1/studio/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	((String)globalMap.get("tCreateTemporaryFile_1_FILEPATH"))
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	Built-In
!!!TEMP_DIR.NAME!!!	"C:/americo/talend/talend_6.3.1/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=firstname, TRIM=false}, {SCHEMA_COLUMN=lastname, TRIM=false}, {SCHEMA_COLUMN=city, TRIM=false}, {SCHEMA_COLUMN=state, TRIM=false}, {SCHEMA_COLUMN=stateid, TRIM=false}, {SCHEMA_COLUMN=street, 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=firstname, DECODE=false}, {SCHEMA_COLUMN=lastname, DECODE=false}, {SCHEMA_COLUMN=city, DECODE=false}, {SCHEMA_COLUMN=state, DECODE=false}, {SCHEMA_COLUMN=stateid, DECODE=false}, {SCHEMA_COLUMN=street, DECODE=false}]

!!!DESTINATION.NAME!!!	
Min column number of optimize code	100
Label format	__UNIQUE_NAME__ read temporary csv file
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
firstname	false	String	10		true	
lastname	false	String	10		true	
city	false	String	14		true	
state	false	String	14		true	
stateid	false	String	2		true	
street	false	String	21		true	

Original Function Parameters: Component tFileOutputXML

	UNIQUE NAME	tFileOutputXML_1	INPUT(S)	tXMLMap_1

	LABEL	__UNIQUE_NAME__ xml document out to temp file	OUTPUT(S)	none
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Component Parameters:

Properties	Values
Unique Name	tFileOutputXML_1
Component Name	tFileOutputXML
Version	0.101 (ALPHA)
Family	File/Output XML
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileOutputXML
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false


File Name	((String)globalMap.get("tCreateTemporaryFile_2_FILEPATH"))
Incoming record is a document	true
!!!DOCUMENT_COL.NAME!!!	doc
Row tag	"row"
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Split output in several files	false
Rows in each output file	1000
Create directory if does not exist	true
Root tags	[]
Output format	[[{SCHEMA_COLUMN=doc, AS_ATTRIBUTE=false, SCHEMA_COLUMN_NAME=true, LABEL="label"}]]
Use dynamic grouping	false
Group by	[]
Custom the flush buffer size	false
Row number	1
Advanced separator (for numbers)	false
Thousands separator	","
Decimal separator	"."
Encoding	"ISO-8859-15"
Don't generate empty file	false
Trim data	false
Label format	__UNIQUE_NAME__ xml document out to temp file

Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for tFileOutputXML_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
doc	false	Document			true	

Original Function Parameters: Component tS3Connection

	UNIQUE NAME	tS3Connection_1	INPUT(S)	none
	LABEL	__UNIQUE_NAME__ create S3 connection	OUTPUT(S)	tCreateTemporaryFile_1 , tS3Get_1

Component Parameters:

Properties	Values
Unique Name	tS3Connection_1
Component Name	tS3Connection
Version	0.102 (ALPHA)
Family	Cloud/Amazon/S3
Start	true
Startable	true


SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tS3Connection
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Access Key	context.aws_access_key_id
Secret Key	context.aws_secret_access_key
Inherit credentials from AWS role	true
Assume Role	false
Role ARN	""
Role session name	""
Session duration	15
Region	"ap-southeast-2"

Client-side Encrypt	false
Key type	KMS_CMK
Algorithm	AES
Algorithm	RSA
Encoding	BASE64
Key	**
Key	**
Key file	""
Public key file	""
Private key file	""
Use a custom region endpoint	false
REGION_ENDPOINT	"s3.amazonaws.com"
Config client	false
CLIENT_CONFIGURATION	[]
STS Endpoint	false
STS_ENDPOINT	""
Check S3 Accessibility	true
Enable Accelerate Mode	false
Label format	__UNIQUE_NAME__ create S3 connection
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 tS3Get

	UNIQUE NAME	tS3Get_1	INPUT(S)	tS3Connection_1
	LABEL	__UNIQUE_NAME__ download csv file from S3	OUTPUT(S)	tFileInputDelimited_2

Component Parameters:


Properties	Values
Unique Name	tS3Get_1
Component Name	tS3Get
Version	0.102 (ALPHA)
Family	Cloud/Amazon/S3
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tS3Get

Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Use an existing connection	true
Component List	tS3Connection_1
Access Key	""
Secret Key	**
Inherit credentials from AWS role	false
Assume Role	false
Role ARN	""
Role session name	""
Session duration	15
Region	DEFAULT
Client-side Encrypt	false
Key type	KMS_CMK
Algorithm	AES
Algorithm	RSA

Encoding	BASE64
Key	**
Key	**
Key file	""
Public key file	""
Private key file	""
Bucket	"talend-serverless-demos"
Key	context.s3_file
File	((String)globalMap.get("tCreateTemporaryFile_1_FILEPATH"))
Die on error	false
Config client	false
CLIENT_CONFIGURATION	[]
STS Endpoint	false
STS_ENDPOINT	""
Enable Accelerate Mode	false
Use Select	false
File Type	CSV
Query	"select s._1 from S3Object s"
Compressed Type	NONE
JSON Type	LINES
Header Type	USE
Field Separator	" "

S3 CSV Input Options	false
CSV_CONFIGURATION	[]
Add the InputStream in Global variables	false
Configurate Output	false
Output Type	CSV
OUTPUT_CSV_CONFIG	[]
JSON Record Delimiter	"\n"
Label format	__UNIQUE_NAME__ download csv file from S3
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 tS3Put

	UNIQUE NAME	tS3Put_1	INPUT(S)	tFileInputDelimited_2
	LABEL	__UNIQUE_NAME__ upload xml document to S3 output folder	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tS3Put_1


Component Name	tS3Put
Version	0.102 (ALPHA)
Family	Cloud/Amazon/S3
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tS3Put
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	/Applications/TalendStudio-7.1.1/studio/configuration/lib/java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Use an existing connection	true
Component List	tS3Connection_1
Access Key	""

Secret Key	**
Inherit credentials from AWS role	false
Assume Role	false
Role ARN	""
Role session name	""
Session duration	15
Region	DEFAULT
Client-side Encrypt	false
Key type	KMS_CMK
Algorithm	AES
Algorithm	RSA
Encoding	BASE64
Key	**
Key	**
Key file	""
Public key file	""
Private key file	""
Bucket	"talend-serverless-demos"
Key	"output/customers.xml"
File or Stream	((String)globalMap.get("tCreateTemporaryFile_2_FILEPATH"))
Server-Side Encryption	false
Use KMS	false

Server-Side Encryption ID	""
Die on error	false
Config client	false
CLIENT_CONFIGURATION	[]
STS Endpoint	false
STS_ENDPOINT	""
Part size(Mb)	5
Enable Accelerate Mode	false
Label format	__UNIQUE_NAME__ upload xml document to S3 output folder
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 tXMLMap

	UNIQUE NAME	tXMLMap_1	INPUT(S)	tFileInputDelimited_2
	LABEL	__UNIQUE_NAME__ convert from csv to xml document	OUTPUT(S)	tFileOutputXML_1

Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Keep order for document	false
Show Information	false
Comment	
Use an existing validation rule	false

Mapper table for tXMLMap_1 (input):

Mapper table Properties(row1):

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

Metadata Table Entries(row1):

Name	Type	Expression	isNullable
row1/ firstname	String		true
row1/ lastname	String		true
row1/ city	String		true
row1/ state	String		true
row1/ stateid	String		true
row1/ street	String		true

Mapper table for tXMLMap_1 (output):
Mapper table Properties(out):

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

Metadata Table Entries(out):

Name	Type	Expression	isNullable
out/ doc	Document		true
out.doc:/ customers	String		true
out.doc:/ customers/ customer	String		true
out.doc:/ customers/ customer/ firstname	String	row1.firstname	true
out.doc:/ customers/ customer/ lastname	String	row1.lastname	true
out.doc:/ customers/ customer/ city	String	row1.city	true
out.doc:/ customers/ customer/ state	String	row1.state	true
out.doc:/ customers/ customer/ stateid	String	row1.stateid	true
out.doc:/ customers/ customer/ street	String	row1.street	true

Mapper table for tXMLMap_1 (var):

Mapper table Properties(Var):

Properties	Values
Name	Var
Matching-mode	
isMinimized	true
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	

Metadata Table Entries(Var):

Name	Type	Expression	isNullable
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