



Jobs

Generated by Talend Cloud Data
Management Platform

Project Name	TMC_GIT	GENERATION DATE	Sep 8, 2021, 4:19:45 PM
AUTHOR	rehman, nagma	Talend Cloud VERSION	7.3.1.20210723_0711-patch

Summary

[Project Description](#)

[Description](#)

[Preview Picture](#)

[Settings](#)

[Context List](#)

[Component List](#)

[Components Description](#)

Project Description

Properties	Values
Name	TMC_GIT
Language	java

Description	testing talend cloud
-------------	----------------------

Description

Properties	Values
Name	Video_Viewers_Watch_Results_Log_Filter
Author	rehman, nagma
Version	0.1
Purpose	Main job with movie streaming consumption use case
Status	
Description	<p>This Job connects to Dropbox, downloads, reads and filters a log .csv file and then writes the results back to Dropbox. The following parameters are required:</p> <p>## Connection Parameter</p> <ul style="list-style-type: none"> - *connection_dropbox_access_token*: access token of the Dropbox account <p>## General Parameters</p> <ul style="list-style-type: none"> - *parameter_download_path*: path of the file to be downloaded from Dropbox - *parameter_percent_to_pay_views*: percentage of movie watched above which royalties are due - *parameter_upload_path*: path of the folder on Dropbox
Creation	Sep 29, 2014, 1:55:55 PM
Modification	Sep 6, 2021, 11:47:07 AM

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
parameter_download_path	parameter_download_path?	false	id_String/Streaming	
parameter_percent_to_pay_views	parameter_percent_to_pay_views?	false	id_Float	0.2
parameter_upload_path	parameter_upload_path?	false	id_String/Streaming	
connection_dropbox_access_token	connection_dropbox_access_token?	false	id_String	VkXELD3J

ContextDev

Name	Prompt	Need Prompt?	Type	Value
parameter_download_path	parameter_download_path?	false	id_String/Streaming	
parameter_percent_to_pay_views	parameter_percent_to_pay_views?	false	id_Float	0.2
parameter_upload_path	parameter_upload_path?	false	id_String/Streaming	
connection_dropbox_access_token	connection_dropbox_access_token?	false	id_String	VkXEld3J

ContextProd

Name	Prompt	Need Prompt?	Type	Value
parameter_download_path	parameter_download_path?	false	id_String/Streaming	
parameter_percent_to_pay_views	parameter_percent_to_pay_views?	false	id_Float	0.2
parameter_upload_path	parameter_upload_path?	false	id_String/Streaming	
connection_dropbox_access_token	connection_dropbox_access_token?	false	id_String	VkXEld3J


Component List

Component Name	Component Type
tDropboxConnection_1	tDropboxConnection

tDropboxGet_1	tDropboxGet
tDropboxPut_1	tDropboxPut
tFileInputDelimited_1	tFileInputDelimited
tFileOutputDelimited_1	tFileOutputDelimited
tFileOutputDelimited_2	tFileOutputDelimited
tFilterRow_3	tFilterRow
tFlowTolterate_1	tFlowTolterate
tJavaFlex_1	tJavaFlex
tJavaFlex_2	tJavaFlex
tMap_1	tMap

Components Description

Component tDropboxConnection

	UNIQUE NAME	tDropboxConnection_1	INPUT(S)	tJavaFlex_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tDropboxGet_1


Component Parameters:

Properties	Values
Unique Name	tDropboxConnection_1

Component Name	tDropboxConnection
Version	0.102 (ALPHA)
Family	Cloud/Dropbox
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tDropboxConnection
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Access Token	context.connection_dropbox_access_token
Use HTTP Proxy	false
Proxy Host	"192.20.1.160"

Proxy Port	1090
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 tDropboxGet

	UNIQUE NAME	tDropboxGet_1	INPUT(S)	tDropboxConnection_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFlowTolterate_1

Component Parameters:

Properties	Values
Unique Name	tDropboxGet_1
Component Name	tDropboxGet
Version	0.102 (ALPHA)
Family	Cloud/Dropbox
Start	false
Startable	true
SUBTREE_START	true


END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tDropboxGet
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Use Existing Connection	true
CONNECTION	tDropboxConnection_1
Access Token	""
Use HTTP Proxy	false
Proxy Host	"127.0.0.1"
Proxy Port	8087
Path	context.parameter_download_path
Save As File	false
Save To	""

REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
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 tDropboxGet_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
fileName	false	String			true	
content	false	Object			true	

Original Function Parameters:
Component tDropboxPut

	UNIQUE NAME	tDropboxPut_1	INPUT(S)	tJavaFlex_2
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tDropboxPut_1
Component Name	tDropboxPut

Version	0.102 (ALPHA)
Family	Cloud/Dropbox
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tDropboxPut
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Use Existing Connection	true
CONNECTION	tDropboxConnection_1
Access Token	""
Use HTTP Proxy	false


Proxy Host	"127.0.0.1"
Proxy Port	8087
Path(File Only)	context.parameter_upload_path
Rename if Existing	false
Replace if Existing	true
Update specified Revision	false
Revision	""
Upload Incoming content as File	true
Upload Local File	false
Expose As OutputStream	false
File	"C:/Talend/6.2.1/studio/workspace/success.csv"
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
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 tDropboxPut_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
--------	-----	------	--------	-----------	----------	---------

content	false	Object			true	
---------	-------	--------	--	--	------	--

Original Function Parameters:
Component tFileInputDelimited

	UNIQUE NAME	tFileInputDelimited_1	INPUT(S)	tFlowTolterate_1
	LABEL	__UNIQUE_NAME__	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\731\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	((Object)globalMap.get("row1.content"))
CSV options	true
Row Separator	"\n"
CSV Row Separator	"\n"
Field Separator	","
Escape char	""
Text enclosure	""
Header	1
Footer	0
Limit	
Skip empty rows	true
Uncompress as zip file	false
Die on error	false


Schema	Built-In
Temporary directory	"C:/Talend/6.2.1/studio/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=customerId, TRIM=false], {SCHEMA_COLUMN=movieID, TRIM=false}, {SCHEMA_COLUMN=movieDurationMinutes, TRIM=false}, {SCHEMA_COLUMN=MinutesWatched, TRIM=false}]
Check each row structure against schema	false
Check date	false
Encoding	"ISO-8859-15"
Split row before field	false
Permit hexadecimal (0xNNN) or octal (0NNNN) for numeric types (clear the check box to read Byte type as octal and hexadecimal numbers by default)	false
Decode table	[[SCHEMA_COLUMN=customerId, DECODE=false], {SCHEMA_COLUMN=movieID, DECODE=false}, {SCHEMA_COLUMN=movieDurationMinutes, DECODE=false}, {SCHEMA_COLUMN=MinutesWatched, DECODE=false}]
Destination	
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 metadata :

Column	Key	Type	Length	Precision	Nullable	Comment
customerId	false	Integer	4		true	
movieID	false	Integer	4		true	
movieDurationMinutes	false	Integer	3		true	
MinutesWatched	false	Integer	3		true	

Original Function Parameters:
Component tFileOutputDelimited

	UNIQUE NAME	tFileOutputDelimited_1	INPUT(S)	tFilterRow_3
	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	C:\Talend\731\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
Use Output Stream	false
Output Stream	outputStream
File Name	"C:/Temp/rejectVideo.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	true
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 metadata :

Column	Key	Type	Length	Precision	Nullable	Comment
customerId	false	Integer	2		true	
movieID	false	Integer	4		true	
movieDurationMinutes	false	Integer	3		true	
PercentWatched	false	float	2		false	
errorMessage	false	String	255		true	

Original Function Parameters:
Component tFileOutputDelimited

	UNIQUE NAME	tFileOutputDelimited_2	INPUT(S)	tFilterRow_3
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tJavaFlex_2

Component Parameters:

Properties	Values
Unique Name	tFileOutputDelimited_2
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	C:\Talend\731\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
Use Output Stream	true

Output Stream	((java.io.OutputStream)globalMap.get("excel_output_stream"))
File Name	"C:/Talend/6.2.1/studio/workspace/success.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	true
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 metadata :

Column	Key	Type	Length	Precision	Nullable	Comment
customerId	false	Integer	2		true	
movieID	false	Integer	4		true	
movieDurationMinutes	false	Integer	3		true	
PercentWatched	false	float	2		false	

Original Function Parameters:

Component tFilterRow

	UNIQUE NAME	tFilterRow_3	INPUT(S)	tMap_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileOutputDelimited_2 , tFileOutputDelimited_1

Component Parameters:

Properties	Values
Unique Name	tFilterRow_3
Component Name	tFilterRow
Version	0.102 (ALPHA)
Family	Processing
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFilterRow
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\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
Schema	Built-In
Schema	Built-In
Logical operator used to combine conditions	&&
Conditions	[[INPUT_COLUMN=PercentWatched, FUNCTION=Math.abs(\$source) \$operator \$target, OPERATOR=>, RVALUE=context.parameter_percent_to_pay_views]]
Use advanced mode	false
Advanced	// code sample : use input_row to define the condition. // input_row.columnName1.equals("foo") !(input_row.columnName2.equals("bar")) // replace the following expression by your own filter condition input_row.columnName1.equals(input_row.columnName2)
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
customerId	false	Integer	2		true	

movieID	false	Integer	4		true	
movieDurationMinutes	false	Integer	3		true	
PercentWatched	false	float	2		false	

Original Function Parameters: Component tFlowTolterate

	UNIQUE NAME	tFlowTolterate_1	INPUT(S)	tDropboxGet_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileInputDelimited_1

Component Parameters:


Properties	Values
Unique Name	tFlowTolterate_1
Component Name	tFlowTolterate
Version	0.101 (ALPHA)
Family	Orchestration
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFlowTolterate
Update components	true

IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Use the default (key, value) in global variables.	true
Customize	[]
Schema	Built-In
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 tFlowTolterate_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
--------	-----	------	--------	-----------	----------	---------

Original Function Parameters: Component tJavaFlex

	UNIQUE NAME	tJavaFlex_1	INPUT(S)	none
---	-------------	-------------	----------	------

	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tDropboxConnection_1
--	-------	-----------------	-----------	--------------------------------------

Component Parameters:


Properties	Values
Unique Name	tJavaFlex_1
Component Name	tJavaFlex
Version	0.101 (ALPHA)
Family	Custom_Code
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tJavaFlex
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\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
Data Auto Propagate	true
Start code	// start part of your Java code
Main code	// here is the main part of the component, // a piece of code executed in the row // loop java.io.OutputStream excel_out = new java.io.ByteArrayOutputStream(); globalMap.put("excel_output_stream", excel_out);
End code	// end of the component, outside/closing the loop
TOS2.0	false
TOS3.2	false
TOS4.0	true
Import	//import java.util.List;
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 tJavaFlex_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
--------	-----	------	--------	-----------	----------	---------

Original Function Parameters:
Component tJavaFlex

	UNIQUE NAME	tJavaFlex_2	INPUT(S)	tFileOutputDelimited_2
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tDropboxPut_1

Component Parameters:

Properties	Values
Unique Name	tJavaFlex_2
Component Name	tJavaFlex
Version	0.101 (ALPHA)
Family	Custom_Code
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tJavaFlex
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\731\studio\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
Data Auto Propagate	true
Start code	// start part of your Java code
Main code	// here is the main part of the component, // a piece of code executed in the row // loop java.io.ByteArrayOutputStream baos = (java.io.ByteArrayOutputStream) globalMap.get("excel_output_stream"); baos.flush(); java.io.ByteArrayInputStream bais = new java.io.ByteArrayInputStream(baos.toByteArray()); row4.content = bais;
End code	// end of the component, outside/closing the loop
TOS2.0	false
TOS3.2	false
TOS4.0	true
Import	//import java.util.List;
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 tJavaFlex_2 :

Column	Key	Type	Length	Precision	Nullable	Comment
--------	-----	------	--------	-----------	----------	---------

content	false	Object			true	
---------	-------	--------	--	--	------	--

Original Function Parameters:
Component tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tFileInputDelimited_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFilterRow_3

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
customerId	Integer		true
movieID	Integer		true
movieDurationMinutes	Integer		true
MinutesWatched	Integer		true

Constraint Table Entries(row2):

Name	Type	Expression	isNullable
------	------	------------	------------

Mapper table for tMap_1 (output):

Mapper table Properties(PercentOut):

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

Metadata Table Entries(PercentOut):

Name	Type	Expression	isNullable
customerId	Integer	row2.customerId	true
movieID	Integer	row2.movieID	true
movieDurationMinutes	Integer	row2.movieDurationMinutes	true
PercentWatched	float	(float)row2.MinutesWatched / (float)row2.movieDurationMinutes	false

Constraint Table Entries(PercentOut):

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
------	------	------------	------------