Jobs

Generated by Talend Cloud Data
Management Platform

Project Name	TMC_GIT	GENERATION DATE	Sep 8, 2021, 4:19:41 PM
AUTHOR	rehman, nagma	Talend Cloud VERSION	7.3.1.20210723_0711-patch

Summary

Project Description
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Project Description

Properties	Values
Name	TMC_GIT
Language	java

Description	testing talend cloud

Description

Properties	Values
Name	Filtered_Logs_Customers_Per_Movie
Author	rehman, nagma
Version	0.1
Purpose	Secondary job with movie streaming consumption use case
Status	
Description	This Job connects to Dropbox, downloads, reads the filtered file and then calculated the number of customers that watched each movie and uploads the result back to Dropbox.The following parameters are required: ## Connection Parameter - *connection_dropbox_access_token*: access token of the Dropbox account ## General Parameters - *parameter_download_path*: path of the file to be downloaded from Dropbox - *parameter_upload_path*: path of the folder on Dropbox
Creation	May 21, 2018, 11:40:35 AM
Modification	Sep 6, 2021, 2:11:41 AM

Preview Picture
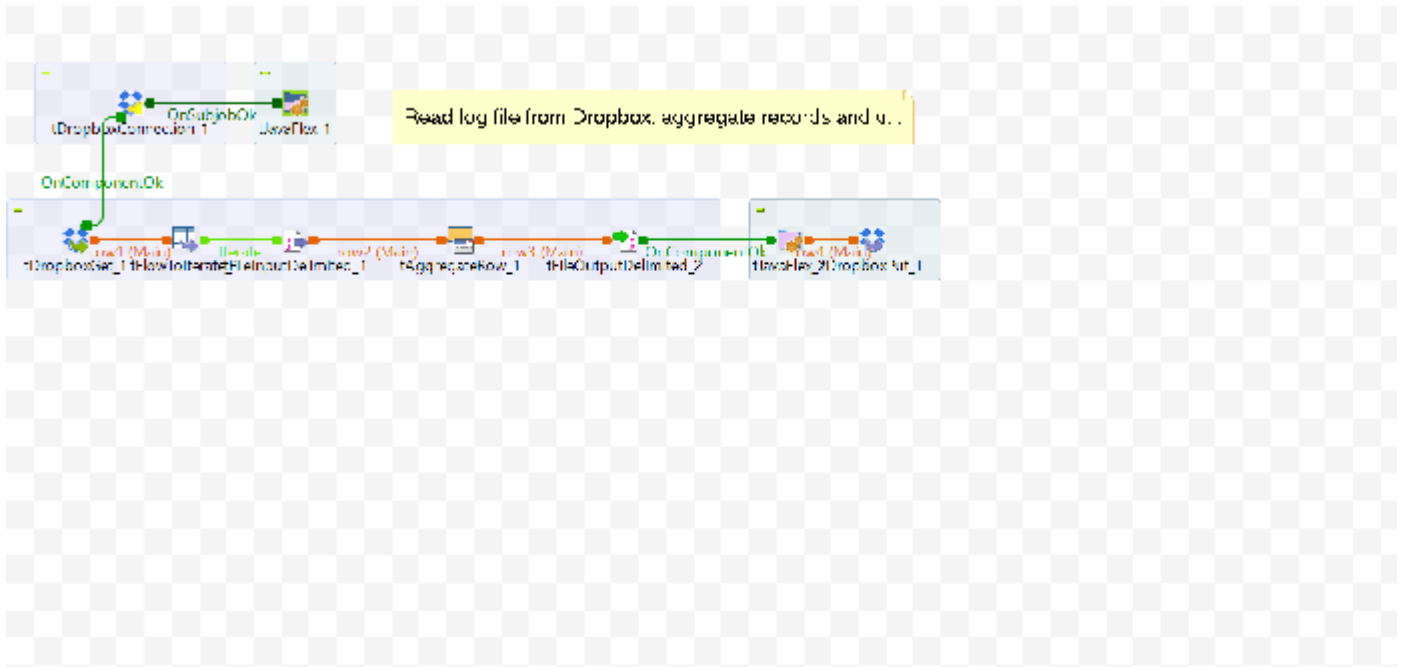
Settings

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_upload_path	parameter_upload_path?	false	id_String	/CloudRun
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_upload_path	parameter_upload_path?	false	id_String	/CloudRun
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_upload_path	parameter_upload_path?	false	id_String	/CloudRun
connection_dropbox_access_token	connection_dropbox_access_token?	false	id_String	VkXELD3J

Component List

Component Name	Component Type
tAggregateRow_1	tAggregateRow
tDropboxConnection_1	tDropboxConnection
tDropboxGet_1	tDropboxGet
tDropboxPut_1	tDropboxPut
tFileInputDelimited_1	tFileInputDelimited

tFileOutputDelimited_2	tFileOutputDelimited
tFlowToIterate_1	tFlowToIterate
tJavaFlex_1	tJavaFlex
tJavaFlex_2	tJavaFlex

Components Description

Component   tAggregateRow

	UNIQUE NAME	tAggregateRow_1	INPUT(S)	tFileInputDelimited_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileOutputDelimited_2

Component Parameters:

Properties	Values
Unique Name	tAggregateRow_1
Component Name	tAggregateRow
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.tAggregateRow
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
Group by	[{OUTPUT_COLUMN=movieID, INPUT_COLUMN=movieID}]
Operations	[{OUTPUT_COLUMN=NbCustomers, FUNCTION=count, INPUT_COLUMN=customerId, IGNORE_NULL=false}]
Delimiter (only for list operation)	","
Use financial precision, this is the max precision for "sum" and "avg" operations, checked option heaps more memory and slower than unchecked.	true
Check type overflow (slower)	false
Check ULP (Unit in the Last Place), ensure that a value will be incremented or decremented correctly, only for float and double types. (slower)	false
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
movieID	false	Integer	4		true	
NbCustomers	false	Integer	2		true	

Original Function Parameters:
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)	tFlowToIterate_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)	tFlowToIterate_1

LABEL	__UNIQUE_NAME__	OUTPUT(S)	tAggregateRow_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=PercentWatched, 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=PercentWatched, 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	
PercentWatched	false	Float	2		true	

Original Function Parameters:
Component   tFileOutputDelimited

	UNIQUE NAME	tFileOutputDelimited_2	INPUT(S)	tAggregateRow_1
	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	
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
movieID	false	Integer	4		true	
NbCustomers	false	Integer	2		true	

Original Function Parameters:
Component   tFlowToIterate

	UNIQUE NAME	tFlowToIterate_1	INPUT(S)	tDropboxGet_1	
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tFileInputDelimited_1	

Component Parameters:

Properties	Values
Unique Name	tFlowToIterate_1
Component Name	tFlowToIterate
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.tFlowToIterate
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 tFlowToIterate_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: