talend Jobs

Generated by Talend Open Studio for ESB

Project Name	Local_Project	GENERATION DATE	18-Mar-2021 19:24:44
AUTHOR	user@talend.com	Talend Open Studio VERSION	7.3.1.20200219_1130

Summary

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Project Description

Properties	Values
Name	Local_Project
Language	java
Description	

Description

Properties	Values
Name	r001_RunSalesInput
Author	user@talend.com
Version	0.1
Type	route
Purpose	Calls the job to generate sales data
Status	
Description	Route started by Quartz scheduler that processes through the list of stores and defines a random number of invoices base d on values supplied in the context. The information is passed via message headers to the job to generate sales rows for each store.
Creation	12-Jan-2021 20:20:31
Modification	18-Mar-2021 19:23:05

Preview Picture
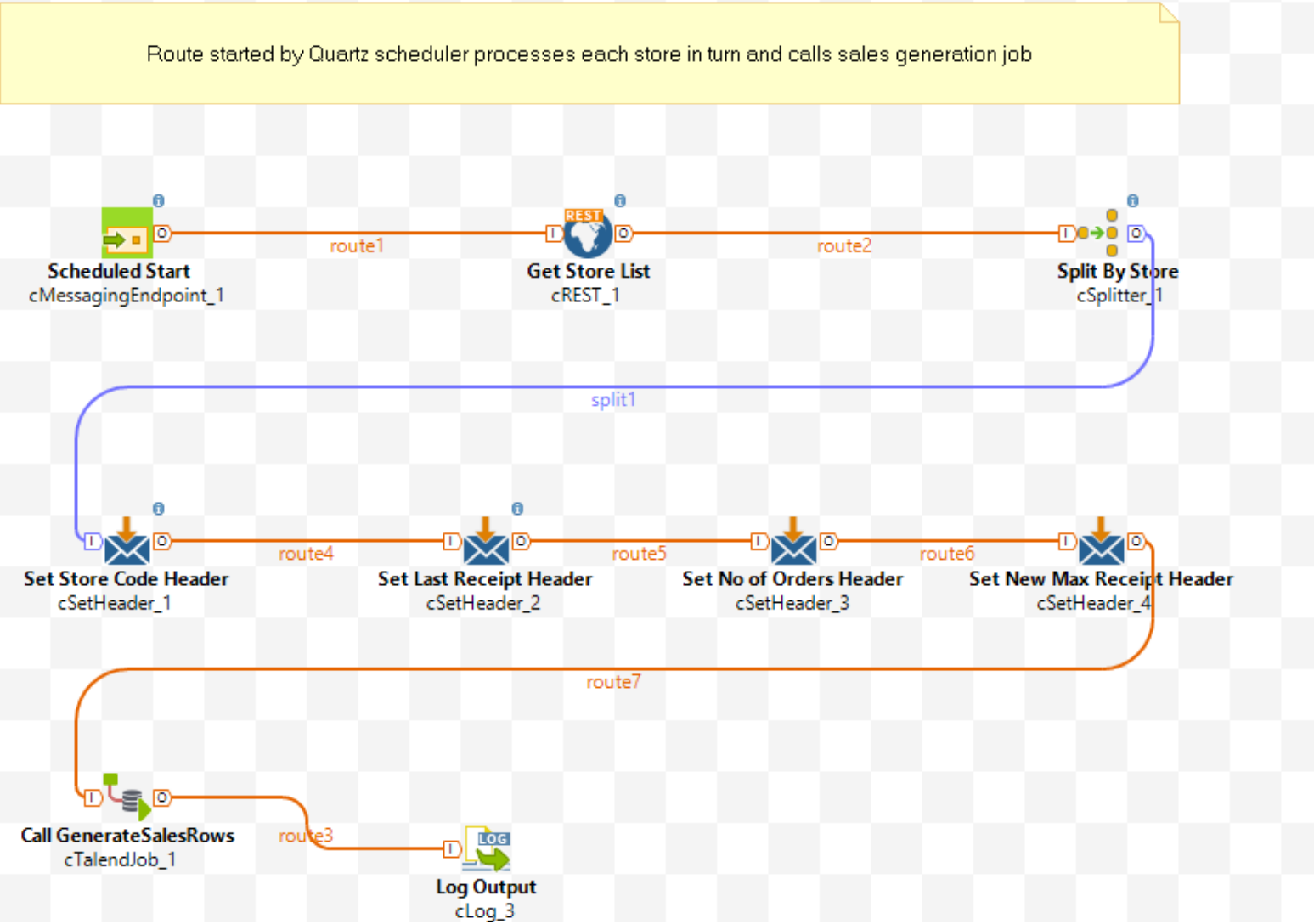
Context List

ContextDefault

Name	Prompt	Need Prompt?	Type	Value	Source
MinReceipts	MinReceipts?	false	id_String	"3"	
MaxReceipts	MaxReceipts?	false	id_String	"13"	
CronExpression	CronExpression?	false	id_String	"0+0/5+0-23+?+*+MON-SUN"	

MANIFEST

Type	Value
Import-Package(s)	javax.ws.rs javax.ws.rs.core javax.ws.rs.ext javax.xml.stream javax.xml.transform org.apache.camel org.apache.camel.builder org.apache.camel.component.cxf org.apache.camel.component.cxf.jaxrs org.apache.camel.component.properties org.apache.camel.impl org.apache.camel.main org.apache.camel.management org.apache.camel.model org.apache.camel.spi org.apache.camel.spring org.apache.cxf.jaxrs org.apache.cxf.jaxrs.lifecycle org.apache.cxf.jaxrs.provider org.apache.cxf.jaxrs.utils org.apache.cxf.staxutils routines.system.api
Export-Package(s)	local_project.r001_runsalesinput_0_1
Required-Bundle(s)	
Bundle-Classpath(s)	

Spring

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!--Used to inject external resources, beans or define more CamelContext and RouteBuilder here-->
<beans xmlns="http://www.springframework.org/schema/beans"
     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
     xmlns:camel="http://camel.apache.org/schema/spring"
     xmlns:context="http://www.springframework.org/schema/context"
     xsi:schemaLocation="
        http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
        http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context.xsd
        http://camel.apache.org/schema/spring http://camel.apache.org/schema/spring/camel-spring.xsd">

   <bean id="jmxEventNotifier" class="org.apache.camel.management.JmxNotificationEventNotifier" >
     <property name="source" value="RunSalesInput" />
     <property name="ignoreCamelContextEvents" value="true" />
     <property name="ignoreRouteEvents" value="true" />
     <property name="ignoreServiceEvents" value="true" />
     <property name="ignoreExchangeEvents" value="true" />
   </bean>

</beans>
```

Resources

Name	Version	Path

Component List

Component Name	Component Type
cLog_3	cLog

cMessagingEndpoint_1	cMessagingEndpoint
cREST_1	cREST
cSetHeader_1	cSetHeader
cSetHeader_2	cSetHeader
cSetHeader_3	cSetHeader
cSetHeader_4	cSetHeader
cSplitter_1	cSplitter
cTalendJob_1	cTalendJob

Components Description

Component   cLog

	UNIQUE NAME	cLog_3	INPUT(S)	cTalendJob_1
	LABEL	Log Output __UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	cLog_3
Component Name	cLog
Version	0.102 (ALPHA)
Family	Miscellaneous
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	!!!HELP!!!
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Logging Category:	"RunSalesInput.cLog_3"
Level	WARN
NONE	false
Specify a group size for throughput logging	false
Size	1
Group message stats by time interval (in millis)	false
Interval	1
Delay	0
Hide stats when no new messages have been received for a time interval	true
Format the log output	false
Arguments	[]
Specify output log message	true
Message	"${headers.StoreCode} - ${headers.LastReceipt} - ${headers.NoOfOrders} - ${headers.DBLoad Status} "
Label format	Log Output __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   cMessagingEndpoint

	UNIQUE NAME	cMessagingEndpoint_1	INPUT(S)	none
	LABEL	\ Scheduled Start\\ __UNIQUE_NAME__	OUTPUT(S)	cREST_1

Component Parameters:

Properties	Values
Unique Name	cMessagingEndpoint_1
Component Name	cMessagingEndpoint
Version	0.102 (ALPHA)
Family	Connectivity|Core
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cMessagingEndpoint
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
URI	"quartz2://StoreTimer?cron=" + context.CronExpression
Dependencies	[{LIBPATH=QUARTZ2}]
Use a custom component	false
Library	
Label format	\ Scheduled Start\\ __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__\\ __COMMENT__
Connection format	row
Show Information	true
Comment	Uses the Camel Quartz2 endpoint to embed the quartz scheduler. Offers more granularity than the timer component and is configured using a standard cron expression,
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cREST

	UNIQUE NAME	cREST_1	INPUT(S)	cMessagingEndpoint_1
	LABEL	\Get Store List\\ __UNIQUE_NAME__	OUTPUT(S)	cSplitter_1

Component Parameters:

Properties	Values
Unique Name	cREST_1
Component Name	cREST
Version	0.102 (ALPHA)
Family	Connectivity/Services
Start	false

Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cREST
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Definition	Built-In
!!!API_ID.NAME!!!	
Endpoint	"http://localhost:8046/Stores"
Type	MANUAL
Relative Path	constant("")
HTTP Method	GET
Content Type	application/xml
Accept Type	application/xml
Response class	
REST API Mapping	[{SCHEMA=method, HTTP_VERB=GET, URI_PATTERN="/", CONSUMES=NONE, PRODUCES=XML-JSON, BEAN=}]
Resource Class	beans.ResourceClass
Operation	constant("operationName")
Use Service Locator	false
Service namespace	"http://www.talend.org/rest/"
Service name	""
Use Service Activity Monitor	false
Use Authentication	false
SECURITY_TYPE	BASIC
Username	""
Password	**
Use Authorization	false
Role	""
Use Business Correlation	false
Correlation Value	""
Log messages	false
Expose Swagger specification	false
Expose Swagger specification	false
Include Documentation into Swagger Spec	true
Arguments	[]
Service Locator Custom Properties	[]
Label format	Get Store List __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	true
Comment	Calls the Stores REST service to retrieve a list of current stores.
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cSetHeader

	UNIQUE NAME	cSetHeader_1	INPUT(S)	cSplitter_1
	LABEL	Set Store Code Header __UNIQUE_NAME__	OUTPUT(S)	cSetHeader_2

Component Parameters:

Properties	Values
Unique Name	cSetHeader_1
Component Name	cSetHeader
Version	0.102 (ALPHA)
Family	Core
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cSetHeader
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Headers	[{NAME="StoreCode", LANGUAGE=xpath, EXPRESSION="/stores/store/StoreCode", java.lang.String.class}]
Add Namespaces	false
Namespaces	[]
Label format	Set Store Code Header __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	true
Comment	Extracts the store code from the data and writes it to a message header.
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cSetHeader

	UNIQUE NAME	cSetHeader_2	INPUT(S)	cSetHeader_1
	LABEL	Set Last Receipt Header __UNIQUE_NAME__	OUTPUT(S)	cSetHeader_3

Component Parameters:

Properties	Values
Unique Name	cSetHeader_2
Component Name	cSetHeader
Version	0.102 (ALPHA)
Family	Core
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cSetHeader
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Headers	[{NAME="LastReceipt", LANGUAGE=xpath, EXPRESSION="/stores/store/StoreLastReceiptNo", java.lang.String.class}]
Add Namespaces	false
Namespaces	[]

Label format	Set Last Receipt Header
 __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__
__COMMENT__
Connection format	row
Show Information	true
Comment	Extracts the last receipt no from the data and writes it to a message header.
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cSetHeader

	UNIQUE NAME	cSetHeader_3	INPUT(S)	cSetHeader_2
	LABEL	Set No of Orders Header
 __UNIQUE_NAME__	OUTPUT(S)	cSetHeader_4

Component Parameters:

Properties	Values
Unique Name	cSetHeader_3
Component Name	cSetHeader
Version	0.102 (ALPHA)
Family	Core
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cSetHeader
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Headers	[{NAME="NoOfOrders", LANGUAGE=bean, EXPRESSION=beans.getRandomInt.class, "getNumber(" + context.MinReceipts +" ," + context.MaxReceipts + ")"}]
Add Namespaces	false
Namespaces	[]
Label format	Set No of Orders Header
 __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__
__COMMENT__
Connection format	row
Show Information	false
Comment	beans.getRandomInt.class, "getNumber(" + context.MinReceipts +" ," + context.MaxReceipts + ")"
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cSetHeader

	UNIQUE NAME	cSetHeader_4	INPUT(S)	cSetHeader_3
	LABEL	Set New Max Receipt Header
 __UNIQUE_NAME__	OUTPUT(S)	cTalendJob_1

Component Parameters:

Properties	Values
Unique Name	cSetHeader_4
Component Name	cSetHeader
Version	0.102 (ALPHA)
Family	Core
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cSetHeader
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Headers	[{NAME="NewMaxReceipt", LANGUAGE=bean, EXPRESSION=beans.getNewMaxReceipt.class, "calcNo(" + "${headers.LastReceipt}" +" ," + "${headers.NoOfOrders}" + ")"}]
Add Namespaces	false
Namespaces	[]
Label format	Set New Max Receipt Header
 __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   cSplitter

	UNIQUE NAME	cSplitter_1	INPUT(S)	cREST_1
	LABEL	Split By Store
 __UNIQUE_NAME__	OUTPUT(S)	cSetHeader_1

Component Parameters:

Properties	Values
Unique Name	cSplitter_1
Component Name	cSplitter
Version	0.102 (ALPHA)
Family	Routing
Startable	false
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
Help	org.talend.esb.help.cSplitter
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Language	xpath
Expression	"/root/stores"
Use Result Class Type	false
:	java.lang.String.class
Add Namespaces	false

Namespaces	[]
Use Strategy	false
Strategy	""
Parallel Processing	false
Stop On Exception	false
Streaming	false
Share Unit of Work	false
Timeout	
Label format	Split By Store __UNIQUE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	true
Comment	Splits the list of stores into single iterations for each store.
Use an existing validation rule	false
Validation Rule Type	

Original Function Parameters:
Component   cTalendJob

	UNIQUE NAME	cTalendJob_1	INPUT(S)	cSetHeader_4
	LABEL	Call GenerateSalesRows __UNIQUE_NAME__	OUTPUT(S)	cLog_3

Component Parameters:

Properties	Values
Activate	true
Repository	true
External	false
Use Selected Job Context	true
Use Route Context	false
Use Job Context	false
Job	j001_GenerateSalesRows
Context Param	[]
Propagate Header	true
Fast Job Invocation	false
Show Information	false
Comment	
Use an existing validation rule	false