talend Jobs

Generated by Talend Open Studio for ESB

Project Name	Local_Project	GENERATION DATE	18-Mar-2021 21:54:57
AUTHOR	user@talend.com	Talend Open Studio VERSION	7.3.1.20200219_1130

Summary

Project Description
Description
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Components Description

Project Description

Properties	Values
Name	Local_Project
Language	java
Description	

Description

Properties	Values
Name	j010_RESTProductSale
Author	user@talend.com
Version	0.1
Purpose	Rest service to post or retrieve product sales from dummy accounts system
Status	
Description	This service links to a SQLServer database rather than MySQL
Creation	08-Feb-2021 20:58:45
Modification	04-Mar-2021 00:12:15

Preview Picture

REST Service to read and write data to the tbProductSale table
In a SQL Server database.
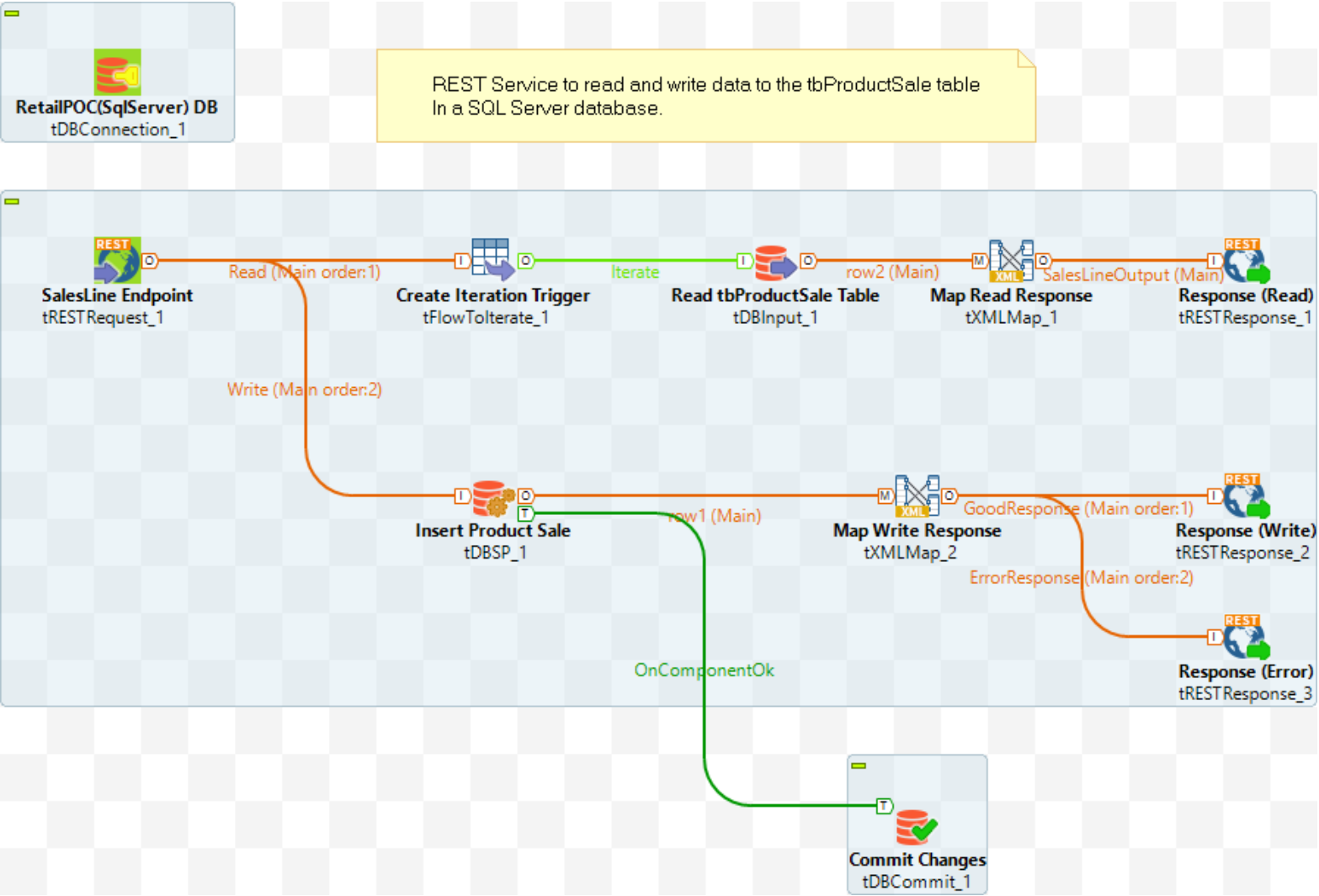
Settings

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

Component List

Component Name	Component Type
tDBCommit_1	tMSSqlCommit
tDBConnection_1	tMSSqlConnection
tDBInput_1	tMSSqlInput
tDBSP_1	tMSSqlSP
tFlowToIterate_1	tFlowToIterate
tRESTRequest_1	tRESTRequest
tRESTResponse_1	tRESTResponse
tRESTResponse_2	tRESTResponse
tRESTResponse_3	tRESTResponse
tXMLMap_1	tXMLMap
tXMLMap_2	tXMLMap

Components Description

Component   tMSSqlCommit

	UNIQUE NAME	tDBCommit_1	INPUT(S)	tDBSP_1
	LABEL	Commit Changes __UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Database	tMSSqlCommit
Unique Name	tDBCommit_1
Component Name	tMSSqlCommit
Version	0.102 (ALPHA)
Family	Databases/DB Specifics/MS_SQL_Server
Start	false
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMSSqlCommit
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Component List	tDBConnection_1

Close Connection	false
Schema	Built-In
Label format	Commit Changes __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 tDBCommit_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
ProductCode	false	Integer			true	
Quantity	false	Integer			true	
Cost	false	Float	10	2	true	
Result	false	Integer			true	

Original Function Parameters:
Component   tMSSqlConnection

	UNIQUE NAME	tDBConnection_1	INPUT(S)	none
	LABEL	RetailPOC(SqlServer) DB __UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Database	tMSSqlConnection
Unique Name	tDBConnection_1
Component Name	tMSSqlConnection
Version	0.102 (ALPHA)
Family	Databases/DB Specifics/MS_SQL_Server|ELT/Connections
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMSSqlConnection
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Property Type	Built-In
JDBC Provider	JTDS
Host	"localhost"
Database Driver	MySQL
Port	"1433"
Schema	"dbo"
Database	"RetailPOC"
Username	"RetailPOCUser"
Password	***********
Encoding	"ISO-8859-15"
Additional JDBC Parameters	"serverTimezone=UTC"
Use or register a shared DB Connection	false
Shared DB Connection Name	
Specify a data source alias	true
Data source alias	"jdbc/sqlserver"
Auto Commit	false
Share identity insert in multi table	false
Label format	RetailPOC(SqlServer) DB __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   tMSSqlInput

	UNIQUE NAME	tDBInput_1	INPUT(S)	tFlowToIterate_1
	LABEL	Read tbProductSale Table __UNIQUE_NAME__	OUTPUT(S)	tXMLMap_1

Component Parameters:

Properties	Values
Database	tMSSqlInput
Unique Name	tDBInput_1
Component Name	tMSSqlInput
Version	0.102 (ALPHA)
Family	Databases/DB Specifics/MS_SQL_Server
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMSSqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Use an existing connection	true
Component List	tDBConnection_1
Property Type	Built-In
Host	""
JDBC Provider	JTDS
Database Driver	MSSQL
Port	"1433"
Schema	""
Database	""
Username	""
Password	**
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Table Name	"tbProductSale"
Query Type	Built-In
Guess Schema	""
Query	"SELECT [ProductSaleKey] ,[ProductCode] ,[Quantity] ,[Cost] ,[SaleDate] FROM [dbo].[tbProductSale]"
Specify a data source alias	false
Data source alias	""
Mapping	id_MSSQL
Additional JDBC Parameters	"noDatetimeStringSync=true"
Encoding	"ISO-8859-15"
Trim all the String/Char columns	false
Trim column	[{SCHEMA_COLUMN=ProductSaleKey, TRIM=false}, {SCHEMA_COLUMN=ProductCode, TRIM=false}, {SCHEMA_COLUMN=Quantity, TRIM=false}, {SCHEMA_COLUMN=Cost, TRIM=false}, {SCHEMA_COLUMN=SaleDate, TRIM=false}]
Label format	Read tbProductSale Table __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 tDBInput_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
ProductSaleKey	false	Integer			true	
ProductCode	false	Integer			true	
Quantity	false	Integer			true	
Cost	false	Float			true	
SaleDate	false	java.util.Date			true	

Original Function Parameters:
Component tMSSqlSP

	UNIQUE NAME	tDBSP_1	INPUT(S)	tRESTRequest_1
	LABEL	Insert Product Sale __UNIQUE_NAME__	OUTPUT(S)	tXMLMap_2, tDBCommit_1

Component Parameters:

Properties	Values
Database	tMSSqlSP
Unique Name	tDBSP_1
Component Name	tMSSqlSP
Version	0.102 (ALPHA)
Family	Databases/DB Specifics/MS_SQL_Server
Start	false
Startable	true
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.MSSqlSP
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Property Type	Built-In
Use an existing connection	true
Component List	tDBConnection_1
JDBC Provider	JTDS
Host	""
Port	"1433"
Schema	""
Database	""
Database Driver	MySQL
Username	""
Password	**
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
SP Name	"uspInsertProductSale"
Is function	false
Return result in	ProductCode
Parameters	[{COLUMN=ProductCode, TYPE=IN}, {COLUMN=Quantity, TYPE=IN}, {COLUMN=Cost, TYPE=IN}, {COLUMN=Result, TYPE=OUT}]
Specify a data source alias	false
Data source alias	""

Additional JDBC Parameters	"noDatetimeStringSync=true"
Encoding	"ISO-8859-15"
Label format	Insert Product Sale __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 tDBSP_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
ProductCode	false	Integer			true	
Quantity	false	Integer			true	
Cost	false	Float	10	2	true	
Result	false	Integer			true	

Original Function Parameters:
Component tFlowToIterate

	UNIQUE NAME	tFlowToIterate_1	INPUT(S)	tRESTRequest_1
	LABEL	Create Iteration Trigger __UNIQUE_NAME__	OUTPUT(S)	tDBInput_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:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Use the default (key, value) in global variables.	true
Customize	[]
Schema	Built-In
Label format	Create Iteration Trigger __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 tRESTRequest

	UNIQUE NAME	tRESTRequest_1	INPUT(S)	none
		SalesLine		

	LABEL	Endpoint __UNIQUE_NAME__	OUTPUT(S)	tFlowToIterate_1, tDBSP_1

Component Parameters:

Properties	Values
Unique Name	tRESTRequest_1
Component Name	tRESTRequest
Version	0.101 (ALPHA)
Family	ESB/REST
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tRESTRequest
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Definition	Built-In
!!!API_ID.NAME!!!	
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
REST Endpoint	"http://localhost:8053/SalesLine"
REST API Mapping	[{SCHEMA=Read, HTTP_VERB=GET, URI_PATTERN="/Read", CONSUMES=NONE, PRODUCES=XML-JSON, STREAMING=false}, {SCHEMA=Write, HTTP_VERB=GET, URI_PATTERN="/Write", CONSUMES=NONE, PRODUCES=XML-JSON, STREAMING=false}]
Use Service Locator	false
Service Namespace	"http://www.talend.org/rest/"
Service Name	"RESTGetStores"
Use Service Activity Monitor	false
Use Authentication (ESB runtime only)	false
AUTH_TYPE	BASIC
Use Authorization	false
Use Business Correlation	false
Log messages	false
Wrap JSON Request	false
Service Locator Custom Properties	[]
Service Activity Custom Properties	[]
Convert JSON values to String in response	false
Expose Swagger specification	false
Include Documentation into Swagger Spec	true
Label format	SalesLine Endpoint __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 WRONG_CALLS :

Column	Key	Type	Length	Precision	Nullable	Comment
uri	false	String	255		true	
method	false	String	255		true	
status	false	Integer			true	
error	false	String	1024		true	

Schema for Read :

Column	Key	Type	Length	Precision	Nullable	Comment

Schema for Write :

Column	Key	Type	Length	Precision	Nullable	Comment

ProductCode	false	Integer			true	query
Quantity	false	Integer			true	query
Cost	false	Float	10	2	true	query

Original Function Parameters:
Component   tRESTResponse

	UNIQUE NAME	tRESTResponse_1	INPUT(S)	tXMLMap_1
	LABEL	Response (Read)
__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tRESTResponse_1
Component Name	tRESTResponse
Version	0.101 (ALPHA)
Family	ESB/REST
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tRESTResponse
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Return Body Type	id_Document
Return status code	200
CUSTOM_STATUS_CODE	200
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Response Headers	[]
Drop JSON Response Root	false
JSON Array Keys	
Label format	Response (Read)
__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 tRESTResponse_1 :

Column	Key	Type	Length	Precision	Nullable	Comment
body	false	Document			true	

Original Function Parameters:
Component   tRESTResponse

	UNIQUE NAME	tRESTResponse_2	INPUT(S)	tXMLMap_2
	LABEL	Response (Write)
__UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tRESTResponse_2
Component Name	tRESTResponse
Version	0.101 (ALPHA)
Family	ESB/REST
Startable	false

SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tRESTResponse
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Return Body Type	id_Document
Return status code	200
CUSTOM_STATUS_CODE	200
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Response Headers	[]
Drop JSON Response Root	false
JSON Array Keys	
Label format	Response (Write) __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 tRESTResponse_2 :

Column	Key	Type	Length	Precision	Nullable	Comment
body	false	Document			true	

Original Function Parameters:
Component   tRESTResponse

	UNIQUE NAME	tRESTResponse_3	INPUT(S)	tXMLMap_2
	LABEL	Response (Error) __UNIQUE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tRESTResponse_3
Component Name	tRESTResponse
Version	0.101 (ALPHA)
Family	ESB/REST
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tRESTResponse
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\TalendESB\Studio\configuration\lib\java
Subjob color	
Title color	
Return Body Type	id_Document
Return status code	200
CUSTOM_STATUS_CODE	200
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
Response Headers	[]
Drop JSON Response Root	false
JSON Array Keys	

Label format	Response (Error) __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 tRESTResponse_3 :

Column	Key	Type	Length	Precision	Nullable	Comment
body	false	Document			true	

Original Function Parameters:
Component   tXMLMap

	UNIQUE NAME	tXMLMap_1	INPUT(S)	tDBInput_1
	LABEL	Map Read Response __UNIQUE_NAME__	OUTPUT(S)	tRESTResponse_1

Component Parameters:

Properties	Values
tStatCatcher Statistics	`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(row2):

Properties	Values
Name	row2
Matching-mode	ALL_ROWS
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	null

Metadata Table Entries(row2):

Name	Type	Expression	isNullable
row2/ ProductSaleKey	Integer		true
row2/ ProductCode	Integer		true
row2/ Quantity	Integer		true
row2/ Cost	Float		true
row2/ SaleDate	java.util.Date		true

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

Properties	Values
Name	SalesLineOutput
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false

expressionFilter	null

Metadata Table Entries(SalesLineOutput):

Name	Type	Expression	isNullable
SalesLineOutput/ body	Document		true
SalesLineOutput.body:/ SaleLines	String		true
SalesLineOutput.body:/ SaleLines/ SalesLine	String		true
SalesLineOutput.body:/ SaleLines/ SalesLine/ ProductSaleKey	Integer	row2.ProductSaleKey	true
SalesLineOutput.body:/ SaleLines/ SalesLine/ ProductCode	Integer	row2.ProductCode	true
SalesLineOutput.body:/ SaleLines/ SalesLine/ Quantity	Integer	row2.Quantity	true
SalesLineOutput.body:/ SaleLines/ SalesLine/ Cost	Float	row2.Cost	true
SalesLineOutput.body:/ SaleLines/ SalesLine/ SaleDate	java.util.Date	row2.SaleDate	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

Component   tXMLMap

	UNIQUE NAME	tXMLMap_2	INPUT(S)	tDBSP_1
	LABEL	**Map Write Response** __UNIQUE_NAME__	OUTPUT(S)	tRESTResponse_2, tRESTResponse_3

Component Parameters:

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

Mapper table for tXMLMap_2 (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/ ProductCode	Integer		true
row1/ Quantity	Integer		true
row1/ Cost	Float		true
row1/ Result	Integer		true

Mapper table for tXMLMap_2 (output):
Mapper table Properties(GoodResponse):

Properties	Values
Name	GoodResponse
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	row1.Result==1

Metadata Table Entries(GoodResponse):

Name	Type	Expression	isNullable
GoodResponse/ body	Document		true
GoodResponse.body:/ AddSalesLine	String		true
GoodResponse.body:/ AddSalesLine/ Success	String	"Yes"	true
GoodResponse.body:/ AddSalesLine/ ProductCode	Integer	row1.ProductCode	true
GoodResponse.body:/ AddSalesLine/ Quantity	Integer	row1.Quantity	true
GoodResponse.body:/ AddSalesLine/ Cost	Float	row1.Cost	true

Mapper table Properties(ErrorResponse):

Properties	Values
Name	ErrorResponse
Matching-mode	
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	false
expressionFilter	row1.Result==0

Metadata Table Entries(ErrorResponse):

Name	Type	Expression	isNullable
ErrorResponse/ body	Document		true
ErrorResponse.body:/ AddSalesLineError	String		true

ErrorResponse.body:/ Ad dSalesLineError/ Success	String	"No"	true

Mapper table for tXMLMap_2 (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