



Job Documentation

Generated by Talend Data Fabric

Project Name	Contoso_Integration	GENERATION DATE	Apr 30, 2016 4:19:03 PM
AUTHOR	user@talend.com	Talend Data Fabric VERSION	6.1.1.20151214_1327

Summary

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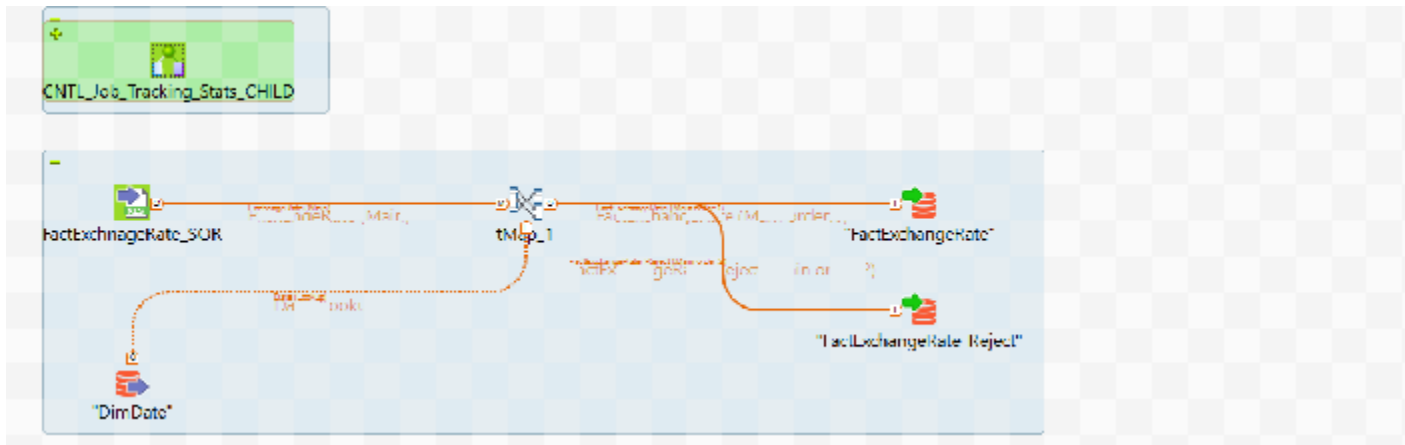
Project Description

Properties	Values
Name	Contoso_Integration
Language	java
Description	

Description

Properties	Values
Name	FactExchange_Load
Author	user@talend.com
Version	0.1
Purpose	
Status	
Description	
Creation	Apr 24, 2016 10:51:10 PM
Modification	Apr 28, 2016 2:56:14 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
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Context List

ContextDefault


Name	Prompt	Need Prompt?	Type	Value	Source
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Component List

Component Name	Component Type
CNTL_Job_Tracking_Stats_CHILD_1	CNTL_Job_Tracking_Stats_CHILD
tFileInputExcel_1	tFileInputExcel
tMSSqlInput_1	tMSSqlInput
tMSSqlOutput_1	tMSSqlOutput
tMSSqlOutput_2	tMSSqlOutput
tMap_1	tMap

Components Description

Component tFileInputExcel

	UNIQUE NAME	tFileInputExcel_1	INPUT(S)	none

	LABEL	FactExchnageRate_SOR	OUTPUT(S)	tMap_1
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Component Parameters:

Properties	Values
Unique Name	tFileInputExcel_1
Component Name	tFileInputExcel
Version	0.102 (ALPHA)
Family	File/Input
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tFileInputExcel
Update components	true
IREPORT_PATH	

JAVA_LIBRARY_PATH	C:\Talend\Talend-Tools-Studio-20151214_1327-V6.1.1\cor
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
!!!PROPERTY.NAME!!!	
Read excel2007 file format(xlsx)	true
File name/Stream	"C:/Users/Shafee/Desktop/Spring 2016/Data Warehouse & Intelligence/DWBI - FINAL PROJECT/Data Sources/Contoso_SOR_Files/FactExchangeRate.xlsx"
All sheets	true
Sheet list	[]
Header	1
Footer	0
Limit	
Affect each sheet(header&&footer)	false
First column	1

Last column	
Die on error	false
REPOSITORY_ALLOW_AUTO_SWITCH	false
!!!SCHEMA.NAME!!!	
!!!SCHEMA_REJECT.NAME!!!	null:errorCode errorMessage
Advanced separator (for numbers)	false
Thousands separator	","
Decimal separator	"."
Trim all columns	false
Check column to trim	[[{TRIM=true, SCHEMA_COLUMN=CurrencyDateSK}, {TRIM=true, SCHEMA_COLUMN=CurrencyDateKey}, {TRIM=true, SCHEMA_COLUMN=CurrencyKey}, {TRIM=true, SCHEMA_COLUMN=CurrencyName}, {TRIM=true, SCHEMA_COLUMN=EndOfDayRate}]]
Convert date column to string	false
Check need convert date column	[[{PATTERN="MM-dd-yyyy", SCHEMA_COLUMN=CurrencyDateSK, CONVERTDATE=false}, {PATTERN="MM-dd-yyyy", SCHEMA_COLUMN=CurrencyDateKey, CONVERTDATE=false}, {PATTERN="MM-dd-yyyy", SCHEMA_COLUMN=CurrencyKey, CONVERTDATE=false}, {PATTERN="MM-dd-yyyy", SCHEMA_COLUMN=CurrencyName, CONVERTDATE=false}, {PATTERN="MM-dd-yyyy", SCHEMA_COLUMN=EndOfDayRate, CONVERTDATE=false}]]
Encoding	"UTF-8"


Read real values for numbers	false
Stop reading on encountering empty rows	false
Don't validate the cells	false
Ignore the warning	false
Generation mode	EVENT_MODE
Label format	FactExchnageRate_SOR
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
CurrencyDateSK	false	Integer	8		true	
CurrencyDateKey	false	String	7		true	
CurrencyKey	false	Integer	1		true	

CurrencyName	false	String	3		true	
EndOfDayRate	false	Float	6	5	true	

Original Function Parameters:
Component tMSSqlInput

	UNIQUE NAME	tMSSqlInput_1	INPUT(S)	none
	LABEL	__TABLE__	OUTPUT(S)	tMap_1

Component Parameters:

Properties	Values
Unique Name	tMSSqlInput_1
Component Name	tMSSqlInput
Version	0.102 (ALPHA)
Family	Databases/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:\Talend\Talend-Tools-Studio-20151214_1327-V6.1.1\cor
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false
Use an existing connection	false
Component List	
Property Type	
Host	"localhost"
Database Driver	MSSQL
Port	"1433"
Schema	"dbo"


Database	"Contoso_DW"
Username	"admin1"
Password	*****
REPOSITORY_ALLOW_AUTO_SWITCH	false
Schema	
Table Name	"DimDate"
Query Type	""
Guess Schema	""
Query	"SELECT dbo.DimDate.DateSK FROM dbo.DimDate"
!!!NOTE.NAME!!!	This option only applies when deploying and running in the
Specify a data source alias	false
Data source alias	""
Mapping	id_MSSQL
Additional JDBC Parameters	""
Encoding	"ISO-8859-15"
Trim all the String/Char columns	false
Trim column	[{TRIM=true, SCHEMA_COLUMN=DateSK}]

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

Schema for DimDate :

Column	Key	Type	Length	Precision	Nullable	Comment
DateSK	true	int	10		false	

Original Function Parameters:
Component tMSSqlOutput

	UNIQUE NAME	tMSSqlOutput_1	INPUT(S)	tMap_1
	LABEL	__TABLE__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tMSSqlOutput_1
Component Name	tMSSqlOutput

Version	0.102 (ALPHA)
Family	Databases/MS_SQL_Server
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMSSqlOutput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\Talend-Tools-Studio-20151214_1327-V6.1.1\cor
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
	false

Property Type	
Use an existing connection	false
Component List	
Host	"localhost"
Port	"1433"
Schema	"dbo"
Database	"Contoso_DW"
Database Driver	MSSQL
Username	"admin1"
Password	*****
Table	"FactExchangeRate"
Action on table	TRUNCATE
Turn on Identity insert	false
Action on data	INSERT
!!!NOTE.NAME!!!	NOTE: batch size must be less than or equal to total numb markers divided by number of columns
Specify identity field	false
Identity field	ExchangeRateKey

Start value	1
Step	1
REPOSITORY_ALLOW_AUTO_SWITCH	false
Schema	
Reject Schema	null:errorCode errorMessage
!!!NOTE.NAME!!!	This option only applies when deploying and running in the
Specify a data source alias	false
Data source alias	""
Die on error	false
Mapping	id_MSSQL
Additional JDBC Parameters	""
Encoding	"ISO-8859-15"
Commit every	10000000
Additional columns	[]
Use field options	false


Field options	<pre> [{UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=ExchangeRateK }, {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=CurrencyKey}, {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=DateKey}, {UPD DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=DateSK}, {UPDATE_KEY=false, DEL UPDATABLE=true, INSERTABLE=true, SCHEMA_COLUMN=AverageRate}, {UPDATE_KEY=false DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=EndOfDayRate}, {UPDATE_KEY=fal DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=SOR_ID}, {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=DI_Job_ID}] </pre>
Ignore date out of range	false
Enable debug mode	false
Support null in "SQL WHERE" statement	false
Use Batch Size	true
Batch Size	1000000
Label format	__TABLE__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false

Validation Rule Type	
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Schema for FactExchangeRate :

Column	Key	Type	Length	Precision	Nullable	Comment
ExchangeRateKey	true	int	10		false	
CurrencyKey	false	int	10		false	
DateKey	false	java.util.Date	23	3	false	
DateSK	false	Integer	10		true	
AverageRate	false	double	53		false	
EndOfDayRate	false	double	53		false	
SOR_ID	false	Integer	10		true	
DI_Job_ID	false	String	20		true	

Original Function Parameters:
Component tMSSqlOutput

	UNIQUE NAME	tMSSqlOutput_2	INPUT(S)	tMap_1 , tMSSqlInput_1
	LABEL	__TABLE__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tMSSqlOutput_2

Component Name	tMSSqlOutput
Version	0.102 (ALPHA)
Family	Databases/MS_SQL_Server
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMSSqlOutput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend\Talend-Tools-Studio-20151214_1327-V6.1.1\cor
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2

	false
Property Type	
Use an existing connection	false
Component List	
Host	"localhost"
Port	"1433"
Schema	"dbo"
Database	"Contoso_DW"
Database Driver	MSSQL
Username	"admin1"
Password	*****
Table	"FactExchangeRate_Reject"
Action on table	NONE
Turn on Identity insert	false
Action on data	INSERT
!!!NOTE.NAME!!!	NOTE: batch size must be less than or equal to total numb markers divided by number of columns
Specify identity field	false

Identity field	ExchangeRateKey
Start value	1
Step	1
REPOSITORY_ALLOW_AUTO_SWITCH	false
Schema	
Reject Schema	null:errorCode errorMessage
!!!NOTE.NAME!!!	This option only applies when deploying and running in the
Specify a data source alias	false
Data source alias	""
Die on error	false
Mapping	id_MSSQL
Additional JDBC Parameters	""
Encoding	"ISO-8859-15"
Commit every	10000000
Additional columns	[]
Use field options	false

Field options	<pre> [{UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=ExchangeRateK {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=CurrencyKey}, {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE: INSERTABLE=true, SCHEMA_COLUMN=DateKey}, {UPD DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=DateSK}, {UPDATE_KEY=false, DEL UPDATABLE=true, INSERTABLE=true, SCHEMA_COLUMN=AverageRate}, {UPDATE_KEY=false DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=EndOfDayRate}, {UPDATE_KEY=fal DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=SOR_ID}, {UPDATE_KEY=false, DELETE_KEY=false, UPDATABLE=true, INSERTABLE=tr SCHEMA_COLUMN=DI_Job_ID}] </pre>
Ignore date out of range	false
Enable debug mode	false
Support null in "SQL WHERE" statement	false
Use Batch Size	true
Batch Size	1000000
Label format	__TABLE__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false


Validation Rule Type	
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Schema for FactExchangeRate_Reject :

Column	Key	Type	Length	Precision	Nullable	Comment
ExchangeRateKey	true	int	10		false	
CurrencyKey	false	int	10		false	
DateKey	false	java.util.Date	23	3	false	
DateSK	false	Integer	10		true	
AverageRate	false	double	53		false	
EndOfDayRate	false	double	53		false	
SOR_ID	false	Integer	10		true	
DI_Job_ID	false	String	20		true	

Original Function Parameters:

Component CNTL_Job_Tracking_Stats_CHILD


	UNIQUE NAME	CNTL_Job_Tracking_Stats_CHILD_1	INPUT(S)	none
	LABEL	CNTL_Job_Tracking_Stats_CHILD	OUTPUT(S)	none

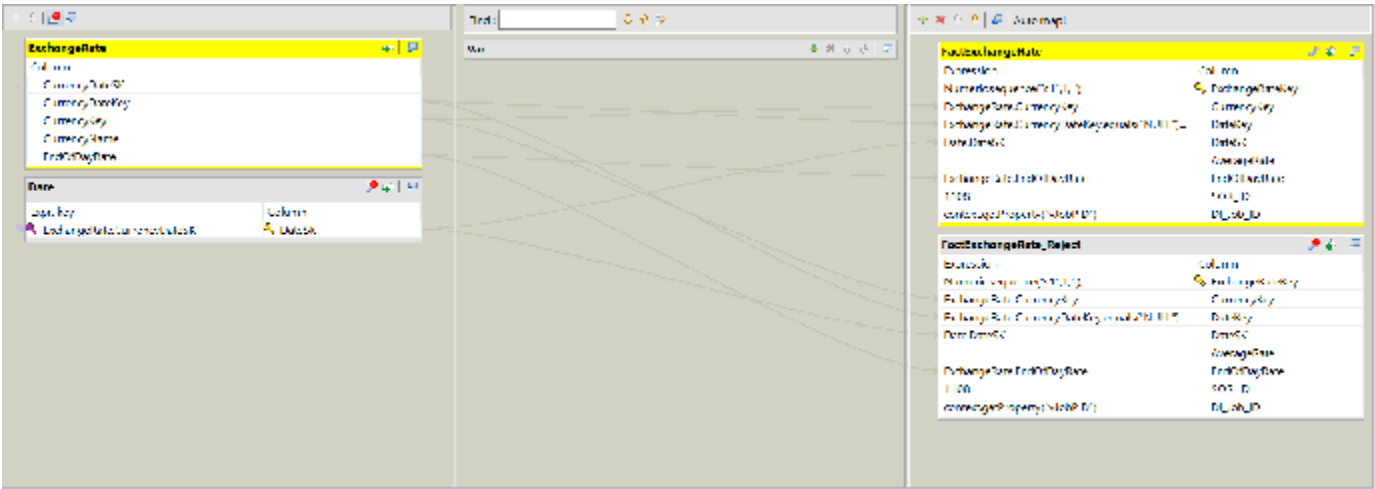
Component Parameters:

Properties	Values
Version	Latest

Show Information	false
Comment	

Component tMap

	UNIQUE NAME	tMap_1	INPUT(S)	tMap_1 tMSSqlInput_1
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tMSSqlOutput_1 tMSSqlOutput_2



Component Parameters:

Properties	Values
tStatCatcher Statistics	false
Enable parallel execution	false
Mapping links display as:	AUTO
Temp data directory path:	"C:/Talend/Talend-Tools-Studio-20151214_1327-V6.1.1/temp"

Max buffer size (nb of rows):	200000000
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(ExchangeRate):

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

Metadata Table Entries(ExchangeRate):

Name	Type	Expression	isNullable
CurrencyDateSK	Integer		true
CurrencyDateKey	String		true
CurrencyKey	Integer		true
CurrencyName	String		true
EndOfDayRate	Float		true

Constraint Table Entries(ExchangeRate):

Name	Type	Expression	isNullable
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Mapper table Properties(Date):

Properties	Values
Name	Date
Matching-mode	UNIQUE_MATCH
isMinimized	false
isReject	false
isRejectInnerJoin	false
isInnerJoin	true
expressionFilter	null

Metadata Table Entries(Date):

Name	Type	Expression	isNullable
DateSK	int	ExchangeRate.CurrencyDateSK	false

Constraint Table Entries(Date):

Name	Type	Expression	isNullable

Mapper table for tMap_1 (output):

Mapper table Properties(FactExchangeRate):

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

Metadata Table Entries(FactExchangeRate):

Name	Type	Expression
ExchangeRateKey	int	Numeric.sequence("s1",1,1);
CurrencyKey	int	ExchangeRate.CurrencyKey
DateKey	java.util.Date	ExchangeRate.CurrencyDateKey.equals("NULL") ? null:TalendDate.parseDate("MM/dd/yy",ExchangeRate.CurrencyDate
DateSK	Integer	Date.DateSK
AverageRate	double	
EndOfDayRate	double	ExchangeRate.EndOfDayRate
SOR_ID	Integer	1108
DI_Job_ID	String	context.getProperty("vJobPID")

Constraint Table Entries(FactExchangeRate):

Name	Type	Expression	isNullable
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Mapper table Properties(FactExchangeRate_Reject):

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

Metadata Table Entries(FactExchangeRate_Reject):

Name	Type	Expression
ExchangeRateKey	int	Numeric.sequence("s1",1,1);
CurrencyKey	int	ExchangeRate.CurrencyKey
DateKey	java.util.Date	ExchangeRate.CurrencyDateKey.equals("NULL") ? null:TalendDate.parseDate("MM/dd/yy",ExchangeRate.CurrencyDate
DateSK	Integer	Date.DateSK
AverageRate	double	
EndOfDayRate	double	ExchangeRate.EndOfDayRate
SOR_ID	Integer	1108
DI_Job_ID	String	context.getProperty("vJobPID")

Constraint Table Entries(FactExchangeRate_Reject):

Name	Type	Expression	isNullable
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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
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Constraint Table Entries(Var):

Name	Type	Expression	isNullable
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