



Jobs

Generated by Talend Cloud Data
Management Platform

Project Name	talendcloud	GENERATION DATE	31 Jan, 2019 3:00:13 PM
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Summary

[Project Description](#)

[Description](#)

[Preview Picture](#)

[Settings](#)

[Context List](#)

[Component List](#)

[Components Description](#)

Project Description

Properties	Values
Name	talendcloud
Language	java

Description	
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Description

Properties	Values
Name	MySQLLELT
Author	Joshi, Nishad
Version	1.0
Purpose	
Status	DEV
Description	
Creation	9 May, 2016 6:28:44 PM
Modification	9 Aug, 2018 10:58:50 AM

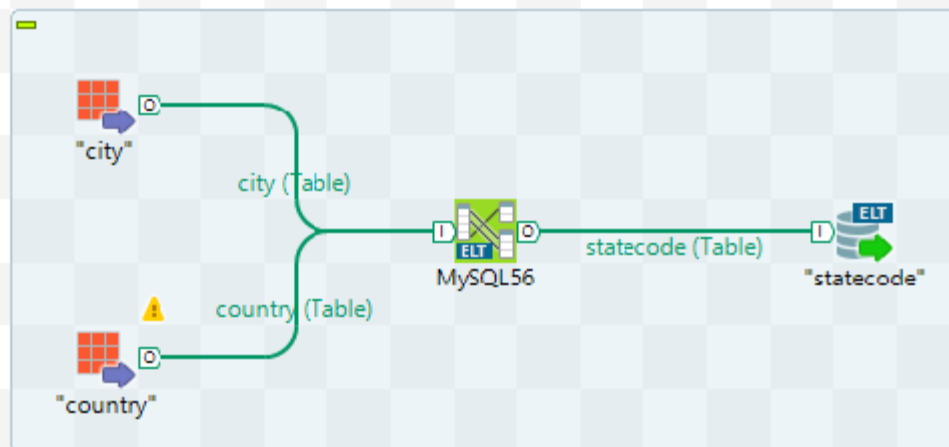
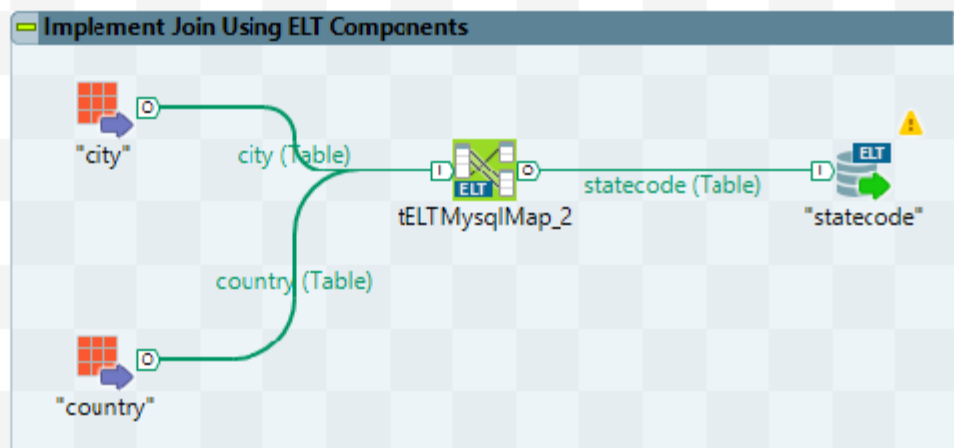
Preview Picture

Extract, Load and Transform (ELT) is a data manipulation process in database usage, especially in data warehousing. Different from the traditional ETL (Extract, Transform, Load) mode, in ELT, data is extracted, loaded into the database and then is transformed where it sits in the database, prior to use. This data is migrated in bulk according to the data set and the transformation process occurs after the data has been loaded into the targeted DBMS in its raw format. This way, less stress is placed on the network and larger throughput is gained.

However, the ELT mode is certainly not optimal for all situations, for example,

As SQL is less powerful than Java, the scope of available data transformations is limited.

ELT requires users that have high proficiency in SQL tuning and DBMS tuning.



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
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Component List

Component Name	Component Type
tELTMysqlInput_1	tELTMysqlInput
tELTMysqlInput_2	tELTMysqlInput
tELTMysqlInput_3	tELTMysqlInput
tELTMysqlInput_4	tELTMysqlInput
tELTMysqlMap_1	tELTMysqlMap
tELTMysqlMap_2	tELTMysqlMap
tELTMysqlOutput_1	tELTMysqlOutput
tELTMysqlOutput_2	tELTMysqlOutput
tMysqlConnection_1	tMysqlConnection

Components Description

Component tELTMysqlInput

	UNIQUE NAME	tELTMysqlInput_1	INPUT(S)	none
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	tELTMysqlMap_1

Component Parameters:

Properties	Values
Unique Name	tELTMysqlInput_1
Component Name	tELTMysqlInput
Version	0.102 (ALPHA)
Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tELTMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false


Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
REPOSITORY_ALLOW_AUTO_SWITCH	WITH
Schema	Built-In
Default Table Name	"city"
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for city :

Column	Key	Type	Length	Precision	Nullable	Comment
ID	false	BIGINT	19		true	
Name	false	VARCHAR	100		true	
CountryCode	false	VARCHAR	3		true	
District	false	VARCHAR	150		true	
Population	false	BIGINT	19		true	

Original Function Parameters:

Component tELTMysqlInput

	UNIQUE NAME	tELTMysqlInput_2	INPUT(S)	none
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	tELTMysqlMap_1

Component Parameters:

Properties	Values
Unique Name	tELTMysqlInput_2
Component Name	tELTMysqlInput
Version	0.102 (ALPHA)
Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tELTMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false


Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
REPOSITORY_ALLOW_AUTO_SWITCH	WITH
Schema	Built-In
Default Table Name	"country"
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for country :

Column	Key	Type	Length	Precision	Nullable	Comment
Code	true	CHAR	3		false	
Name	false	CHAR	52		false	
Continent	false	ENUM	13		false	
Region	false	CHAR	26		false	
SurfaceArea	false	FLOAT	10	2	false	

IndepYear	false	SMALLINT	5		true	
Population	false	INT	10		false	
LifeExpectancy	false	FLOAT	3	1	true	
GNP	false	FLOAT	10	2	true	
GNPOld	false	FLOAT	10	2	true	
LocalName	false	CHAR	45		false	
GovernmentForm	false	CHAR	45		false	
HeadOfState	false	CHAR	60		true	
Capital	false	INT	10		true	
Code2	false	CHAR	2		false	

Original Function Parameters:
Component tELTMysqlInput

	UNIQUE NAME	tELTMysqlInput_3	INPUT(S)	none
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	tELTMysqlMap_2

Component Parameters:

Properties	Values
Unique Name	tELTMysqlInput_3
Component Name	tELTMysqlInput
Version	0.102 (ALPHA)


Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	true
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tELTMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\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	repository: DB (MYSQL):MySQL56World - city
Default Table Name	"city"
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__

Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for city :

Column	Key	Type	Length	Precision	Nullable	Comment
ID	false	BIGINT	19		true	
Name	false	VARCHAR	100		true	
CountryCode	false	VARCHAR	3		true	
District	false	VARCHAR	150		true	
Population	false	BIGINT	19		true	

Original Function Parameters:
Component tELTMysqlInput

	UNIQUE NAME	tELTMysqlInput_4	INPUT(S)	none
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	tELTMysqlMap_2

Component Parameters:

Properties	Values
Unique Name	tELTMysqlInput_4
Component Name	tELTMysqlInput

Version	0.102 (ALPHA)
Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	false
END_OF_FLOW	false
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tELTMysqlInput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\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	repository: DB (MYSQL):MySQL56World - country
Default Table Name	"country"
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__


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

Schema for country :

Column	Key	Type	Length	Precision	Nullable	Comment
Code	true	VARCHAR	3		false	
Name	false	VARCHAR	52		false	
Continent	false	BLOB	13		false	
Region	false	VARCHAR	26		false	
SurfaceArea	false	FLOAT	10	2	false	
IndepYear	false	SMALLINT	5		true	
Population	false	INT	10		false	
LifeExpectancy	false	FLOAT	3	1	true	
GNP	false	FLOAT	10	2	true	
GNPOld	false	FLOAT	10	2	true	
LocalName	false	VARCHAR	45		false	

GovernmentForm	false	VARCHAR	45		false	
HeadOfState	false	VARCHAR	60		true	
Capital	false	INT	10		true	
Code2	false	VARCHAR	2		false	

Original Function Parameters:
Component **tELTMysqlOutput**

	UNIQUE NAME	tELTMysqlOutput_1	INPUT(S)	tELTMysqlMap_1 , tELTMysqlInput_2
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tELTMysqlOutput_1
Component Name	tELTMysqlOutput
Version	0.102 (ALPHA)
Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false


Help	org.talend.help.tELTMysqlOutput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Action on data	INSERT
REPOSITORY_ALLOW_AUTO_SWITCH	true
Schema	Built-In
WHERE clauses (for UPDATE and DELETE only)	""
Default Table Name	"statecode"
Table name from connection name is variable	false
Use different table name	false
Table name	""
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false

Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for statecode :

Column	Key	Type	Length	Precision	Nullable	Comment
ID	false	INT	10		true	
Name	false	VARCHAR	19		true	
CountryCode	false	VARCHAR	3		true	
District	false	VARCHAR	15		true	
Population	false	INT	10		true	
countryname	false	VARCHAR	50		true	

Original Function Parameters:
Component tELTMysqlOutput

	UNIQUE NAME	tELTMysqlOutput_2	INPUT(S)	tELTMysqlMap_2 , tELTMysqlInput_4
	LABEL	__ELT_TABLE_NAME__	OUTPUT(S)	none

Component Parameters:

Properties	Values
Unique Name	tELTMysqlOutput_2
Component Name	tELTMysqlOutput
Version	0.102 (ALPHA)


Family	ELT/Map/MySQL
Startable	false
SUBTREE_START	false
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tELTMysqlOutput
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false
Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Action on data	INSERT
REPOSITORY_ALLOW_AUTO_SWITCH	TRUE
Schema	repository: DB (MYSQL):MySQL56World - statecode
WHERE clauses (for UPDATE and DELETE only)	""
Default Table Name	"statecode"
Table name from connection name is variable	false

Use different table name	false
Table name	""
Mapping	mysql_id
Label format	__ELT_TABLE_NAME__
Hint format	__UNIQUE_NAME__ __COMMENT__
Connection format	row
Show Information	false
Comment	
Use an existing validation rule	false
Validation Rule Type	

Schema for statecode :

Column	Key	Type	Length	Precision	Nullable	Comment
ID	false	INT	10		true	
Name	false	VARCHAR	19		true	
CountryCode	false	VARCHAR	3		true	
District	false	VARCHAR	15		true	
Population	false	INT	10		true	

Original Function Parameters:
Component tMysqlConnection

	UNIQUE NAME	tMysqlConnection_1	INPUT(S)	none

	LABEL	MySQL56World	OUTPUT(S)	none
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Component Parameters:

Properties	Values
Database	tMysqlConnection
Unique Name	tMysqlConnection_1
Component Name	tMysqlConnection
Version	0.102 (ALPHA)
Family	Databases/DB Specifics/MySQL ELT/Connections
Start	true
Startable	true
SUBTREE_START	true
END_OF_FLOW	true
Activate	true
DUMMY	false
tStatCatcher Statistics	false
Help	org.talend.help.tMysqlConnection
Update components	true
IREPORT_PATH	
JAVA_LIBRARY_PATH	C:\Talend-Studio-20181026_1147-V7.1.1\configuration\lib\java
Subjob color	
Title color	
Enable parallel execution	false

Number of parallel executions	2
PARALLELIZE_KEEP_EMPTY	false
Property Type	Built-In
DB Version	MYSQL_5
Host	"localhost"
Database Driver	MYSQL
Port	"3306"
Database	"world"
Additional JDBC Parameters	"noDatetimeStringSync=true"
Username	"root"
Password	*****
Encoding	"ISO-8859-15"
Use or register a shared DB Connection	false
Shared DB Connection Name	
Specify a data source alias	false
Data source alias	""
Auto Commit	false
Label format	MySQL56World
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 tELTMysqlMap

	UNIQUE NAME	tELTMysqlMap_1	INPUT(S)	tELTMysqlMap_1 , tELTMysqlInput_2
	LABEL	MySQL56	OUTPUT(S)	tELTMysqlOutput_1

Mapper table for tELTMysqlMap_1 (input):

Mapper table Properties (city):

Properties	Values
Name	city
Table Name	city
Alias	
Join Type	NO_JOIN
isMinimized	false

Metadata Table Entries(city):

Name	Expression	Operator	isJoin
ID			false
Name			false
CountryCode			true
District			false
Population			false

Custom Conditions Entries(city):

Name	Expression	Operator	isJoin
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Mapper table Properties (country):

Properties	Values
Name	country
Table Name	country
Alias	
Join Type	INNER_JOIN
isMinimized	false

Metadata Table Entries(country):

Name	Expression	Operator	isJoin
Code	city.CountryCode	=	true
Name			false
Continent			false
Region			false
SurfaceArea			false
IndepYear			false
Population			false
LifeExpectancy			false
GNP			false
GNPOld			false
LocalName			false
GovernmentForm			false
HeadOfState			false
Capital			false
Code2			false

Custom Conditions Entries(country):

Name	Expression	Operator	isJoin
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Mapper table for tELTMysqlMap_1 (output):

Mapper table Properties (table2):

Properties	Values
Name	table2
Table Name	statecode
Alias	
Join Type	
isMinimized	false


Metadata Table Entries(table2):

Name	Expression	Operator	isJoin
ID	city.ID		false
Name	city.Name		false
CountryCode	city.CountryCode		false
District	city.District		false
Population	city.Population		false
countryname	country.Name		false

Custom Conditions Entries(table2):

Name	Expression	Operator	isJoin
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Component tELTMysqlMap

	UNIQUE NAME	tELTMysqlMap_2	INPUT(S)	tELTMysqlMap_2 , tELTMysqlInput_4
	LABEL	__UNIQUE_NAME__	OUTPUT(S)	tELTMysqlOutput_2

Mapper table for tELTMysqlMap_2 (input):

Mapper table Properties (city):

Properties	Values
Name	city
Table Name	city
Alias	
Join Type	NO_JOIN
isMinimized	false

Metadata Table Entries(city):

Name	Expression	Operator	isJoin
ID			false
Name			false
CountryCode			true
District			false
Population			false

Custom Conditions Entries(city):

Name	Expression	Operator	isJoin
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Mapper table Properties (country):

Properties	Values
Name	country
Table Name	country
Alias	
Join Type	INNER_JOIN
isMinimized	false

Metadata Table Entries(country):

Name	Expression	Operator	isJoin
Code	city.CountryCode	=	true
Name			false
Continent			false
Region			false
SurfaceArea			false
IndepYear			false
Population			false
LifeExpectancy			false
GNP			false
GNPOld			false
LocalName			false
GovernmentForm			false
HeadOfState			false
Capital			false
Code2			false

Custom Conditions Entries(country):

Name	Expression	Operator	isJoin
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Mapper table for tELTMysqlMap_2 (output):

Mapper table Properties (table1):

Properties	Values
Name	table1
Table Name	statecode
Alias	
Join Type	
isMinimized	false

Metadata Table Entries(table1):

Name	Expression	Operator	isJoin
ID	city.ID		false
Name	city.Name		false
CountryCode	city.CountryCode		false
District	city.District		false
Population	city.Population		false
CountryName	country.Name		false

Custom Conditions Entries(table1):

Name	Expression	Operator	isJoin
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