**talend**

# Jobs

Generated by Talend Cloud Data
Management Platform

| Project Name | talendcloud | GENERATION DATE | 31 Jan, 2019 2:59:58 PM |
|---|---|---|---|
| AUTHOR | Joshi, Nishad | Talend Cloud VERSION | 7.1.1.20181026_1147 |

## Summary

**Project Description**
**Description**
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## Project Description

| Properties | Values |
|---|---|
| Name | talendcloud |
| Language | java |

| | |
|---|---|
| Description | |

# Description

| Properties | Values |
|---|---|
| Name | LoadXMlFileToCSV |
| Author | Joshi, Nishad |
| Version | 1.0 |
| Purpose | |
| Status | DEV |
| Description | |
| Creation | 16 May, 2016 12:55:03 PM |
| Modification | 6 Nov, 2017 3:42:17 PM |

# Preview Picture

When analyzing an XML document for processing, one tends to think top-down.
For example, 'in a library, give me all the books' implies a <library><books><book> structure.
However, it may be easier to think from the innermost elements, outward: "give me all the books and their library".

Talend Open Studio uses the tFileInputXML component to read XML documents into a job.
tFileInputXML uses a Loop XPath query to to define a repeating structure in the document against which a series of mapping XPath queries are run. There is a mapping XPath query for each schema data field to be set during processing
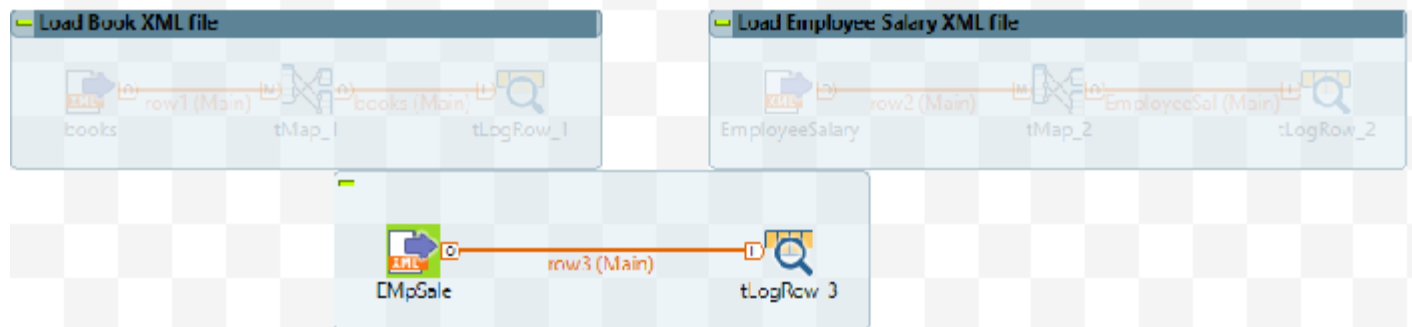
## Settings

### 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 |
|---|---|
| tFileInputXML_4 | tFileInputXML |

| | |
|---|---|
| tLogRow_3 | tLogRow |

# Components Description

## Component   tFileInputXML

| | UNIQUE NAME | tFileInputXML_4 | INPUT(S) | none |
|---|---|---|---|---|
| | LABEL | EMpSale | OUTPUT(S) | tLogRow_3 |

**Component Parameters:**

| Properties | Values |
|---|---|
| Unique Name | tFileInputXML_4 |
| Component Name | tFileInputXML |
| Version | 0.102 (ALPHA) |
| Family | File/Input|XML |
| Start | true |
| Startable | true |
| SUBTREE_START | true |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFileInputXML |
| Update components | true |

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|---|---|
| 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 | repository: XML:EMpSale |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: XML:EMpSale - metadata |
| File name/Stream | "F:/Trainings/CITI/Assignments/Day1/Assignment2/EmployeeSal.xml" |
| Loop XPath query | "/EMPLOYEES/EMPLOYEE/SALARY/YEARLY/MONTHLY/MONTH" |
| Mapping | [{SCHEMA_COLUMN=EMP_ID, QUERY="../../../../EMP_ID", NODECHECK=}, {SCHEMA_COLUMN=EMP_NAME, QUERY="../../../../EMP_NAME", NODECHECK=}, {SCHEMA_COLUMN=EMP_PROJECT_ID, QUERY="../../../../EMP_PROJECT_ID", NODECHECK=}, {SCHEMA_COLUMN=id, QUERY="../../@id", NODECHECK=}, {SCHEMA_COLUMN=sal, QUERY="../../@sal", NODECHECK=}, {SCHEMA_COLUMN=id1, QUERY="@id", NODECHECK=}, {SCHEMA_COLUMN=sal1, QUERY="@sal", NODECHECK=}] |
| Limit | 50 |
| Die on error | false |
| Schema | repository: XML:EMpSale - metadata |
| Advanced separator (for numbers) | false |
| Thousands separator | "," |
| Decimal separator | "." |
| Ignore the namespaces | false |
| Ignore DTD file | false |

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|---|---|
| Generate a temporary file | "F:/Talend-Tools-Studio-20170623_1246-V6.4.1/workspace/temp.xml" |
| Use Separator for mode Xerces | false |
| Field Separator | "," |
| Generation mode | Dom4j |
| Validate date | false |
| Encoding | "UTF-8" |
| Min column number of optimize code | 100 |
| Label format | EMpSale |
| Hint format | <b>__UNIQUE_NAME__</b><br>__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 |
|---|---|---|---|---|---|---|
| EMP_ID | false | Integer | 4 | | true | |
| EMP_NAME | false | String | 15 | | true | |
| EMP_PROJECT_ID | false | String | 4 | | true | |
| id | false | Integer | 4 | | true | |

| sal | false | Integer | 6 | | true | |
|-----|-------|---------|---|--|------|--|
| id1 | false | String | 2 | | true | |
| sal1 | false | Integer | 5 | | true | |

**Original Function Parameters:**
**Component   tLogRow**

| | UNIQUE NAME | tLogRow_3 | INPUT(S) | tFileInputXML_4 |
|--|-------------|-----------|----------|-----------------|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

**Component Parameters:**

| Properties | Values |
|------------|--------|
| Unique Name | tLogRow_3 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLogRow |
| 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 | Built-In |
| Basic | false |
| Table (print values in cells of a table) | true |
| Vertical (each row is a key/value list) | false |
| Print unique name | true |
| Print label | false |
| Print unique name and label | false |
| Field Separator | "|" |
| Print header | false |
| Print component unique name in front of each output row | false |
| Print schema column name in front of each value | false |
| Use fixed length for values | false |

| | |
|---|---|
| Lengths | [{SCHEMA_COLUMN=EMP_ID, LENGTH=10}, {SCHEMA_COLUMN=EMP_NAME, LENGTH=10}, {SCHEMA_COLUMN=EMP_PROJECT_ID, LENGTH=10}, {SCHEMA_COLUMN=id, LENGTH=10}, {SCHEMA_COLUMN=sal, LENGTH=10}, {SCHEMA_COLUMN=id1, LENGTH=10}, {SCHEMA_COLUMN=sal1, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | __UNIQUE_NAME__ |
| Hint format | <b>__UNIQUE_NAME__</b><br>__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 |
|---|---|---|---|---|---|---|
| EMP_ID | false | Integer | 4 | | true | |
| EMP_NAME | false | String | 15 | | true | |
| EMP_PROJECT_ID | false | String | 4 | | true | |
| id | false | Integer | 4 | | true | |
| sal | false | Integer | 6 | | true | |
| id1 | false | String | 2 | | true | |

| sal1 | false | Integer | 5 | | true | |
|------|-------|---------|---|--|------|--|

**Original Function Parameters:**