

# Jobs

## Generated by Talend Cloud Data Management Platform

| Project Name | TMC_GIT    | GENERATION DATE      | Oct 15, 2020<br>11:13:03 AM |
|--------------|------------|----------------------|-----------------------------|
| AUTHOR       | bb, Brahim | Talend Cloud VERSION | 7.3.1.20200219_1130         |

## **Summary**

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## **Project Description**

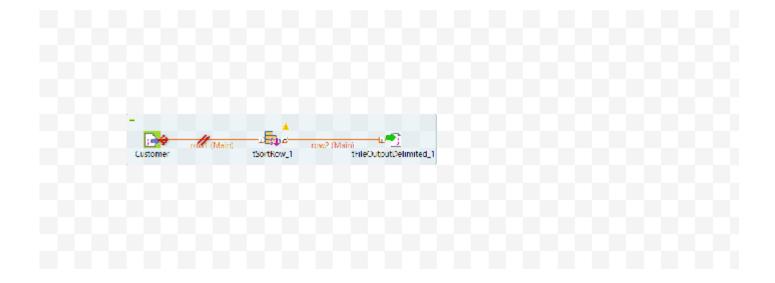
| Properties | Values  |
|------------|---------|
| Name       | TMC_GIT |
| Language   | java    |

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

# **Description**

| Properties   | Values                   |
|--------------|--------------------------|
| Name         | Parallelization_tab      |
| Author       | bb, Brahim               |
| Version      | 0.1                      |
| Purpose      |                          |
| Status       |                          |
| Description  |                          |
| Creation     | Oct 15, 2020 11:09:54 AM |
| Modification | Oct 15, 2020 11:13:03 AM |

## **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  |

## **Context List**

#### ContextDefault

# **Component List**

| Component Name         | Component Type       |
|------------------------|----------------------|
| tFileInputDelimited_1  | tFileInputDelimited  |
| tFileOutputDelimited_1 | tFileOutputDelimited |
| tSortRow_1             | tSortRow             |

# **Components Description**

#### Component tFileInputDelimited

| <br>UNIQUE<br>NAME | tFileInputDelimited_1 | INPUT(S)  | none       |
|--------------------|-----------------------|-----------|------------|
| LABEL              | Customer              | OUTPUT(S) | tSortRow_1 |

**Component Parameters:** 

| Properties  Values  Unique Name  tFileInputDelimited_1  Component Name  tFileInputDelimited  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.tFileInputDelimited  Update components  true  IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\libigia | <b>Component Parameters:</b> |                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------|
| Component Name  tFileInputDelimited  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.tFileInputDelimited  Update components  true  IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\jacobs.                                                     | Properties                   | Values                                                                       |
| 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.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\jacksigned  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\jacksigned               | Unique Name                  | tFileInputDelimited_1                                                        |
| Family File/Input  Start true  Startable true  SUBTREE_START true  END_OF_FLOW false  Activate true  DUMMY false  IStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                 | Component Name               | tFileInputDelimited                                                          |
| Start true  Startable true  SUBTREE_START true  END_OF_FLOW false  Activate true  DUMMY false  tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                     | Version                      | 0.102 (ALPHA)                                                                |
| Startable true  SUBTREE_START true  END_OF_FLOW false  Activate true  DUMMY false  tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                 | Family                       | File/Input                                                                   |
| SUBTREE_START true  END_OF_FLOW false  Activate true  DUMMY false  tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\\ib\)ie                                                                                                                                                                                | Start                        | true                                                                         |
| END_OF_FLOW false  Activate true  DUMMY false  tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                     | Startable                    | true                                                                         |
| Activate true  DUMMY false  tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                        | SUBTREE_START                | true                                                                         |
| DUMMY  false  tStatCatcher Statistics  false  Help  org.talend.help.tFileInputDelimited  Update components  true  IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\\ib\\ja                                                                                                                                                                                                                                 | END_OF_FLOW                  | false                                                                        |
| tStatCatcher Statistics false  Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                                                    | Activate                     | true                                                                         |
| Help org.talend.help.tFileInputDelimited  Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                                                                                   | DUMMY                        | false                                                                        |
| Update components true  IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                                                                                                                            | tStatCatcher Statistics      | false                                                                        |
| IREPORT_PATH  JAVA_LIBRARY_PATH  C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                                                                                                                                                    | Help                         | org.talend.help.tFileInputDelimited                                          |
| JAVA_LIBRARY_PATH C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\ja                                                                                                                                                                                                                                                                                                                                                                   | Update components            | true                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IREPORT_PATH                 |                                                                              |
| Subjob color                                                                                                                                                                                                                                                                                                                                                                                                                                                   | JAVA_LIBRARY_PATH            | C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\java |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subjob color                 |                                                                              |
| Title color                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Title color                  |                                                                              |

| Enable parallel execution        | false                                                              |
|----------------------------------|--------------------------------------------------------------------|
| Number of parallel executions    | 2                                                                  |
| PARALLELIZE_KEEP_EMPTY           | false                                                              |
| Property Type                    | Built-In                                                           |
| REPOSITORY_ALLOW_AUTO_SV         | ALTIEH                                                             |
| Schema                           | Built-In                                                           |
| File name/Stream                 | "C:/Workspace/Talend Cloud/StudentFiles/TalendCloud/Customers.csv" |
| CSV options                      | false                                                              |
| Row Separator                    | "\n"                                                               |
| CSV Row Separator                | "\n"                                                               |
| Field Separator                  | , , , , , , , , , , , , , , , , , , ,                              |
| Escape char                      | ппп                                                                |
| Text enclosure                   | 1111                                                               |
| Header                           | 1                                                                  |
| Footer                           | 0                                                                  |
| Limit                            |                                                                    |
| Skip empty rows                  | false                                                              |
| Uncompress as zip file           | false                                                              |
| Die on error                     | false                                                              |
| Schema                           | Built-In                                                           |
| Temporary directory              | "C:/Talend_DI_7.3.1/Talend-Studio-20200219_1130-V7.3.1/workspace"  |
| Advanced separator (for numbers) | false                                                              |

| Thousands separator                                                                                                                               | " "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decimal separator                                                                                                                                 | n n                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Extract lines at random                                                                                                                           | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Number of lines                                                                                                                                   | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Trim all columns                                                                                                                                  | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Check column to trim                                                                                                                              | [{SCHEMA_COLUMN=ID, TRIM=false}, {SCHEMA_COLUMN=NAME, TRIM=false}, {SCHEMA_COLUMN=LAST_NAME, TRIM=false}, {SCHEMA_COLUMN=EMAIL, TRIM=false}, {SCHEMA_COLUMN=JOB_TITLE, TRIM=false}, {SCHEMA_COLUMN=COMPANY, TRIM=false}, {SCHEMA_COLUMN=CITY, TRIM=false}, {SCHEMA_COLUMN=STATE, TRIM=false}, {SCHEMA_COLUMN=DATE, TRIM=false}, {SCHEMA_COLUMN=CAMPAIGN_ID, TRIM=false}, {SCHEMA_COLUMN=LEAD_SCORE, TRIM=false}, {SCHEMA_COLUMN=CREDITCARDNUMBER, TRIM=false}]                                                                    |
| Check each row structure against schema                                                                                                           | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Check date                                                                                                                                        | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Encoding                                                                                                                                          | "UTF-8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Split row before field                                                                                                                            | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Permit hexadecimal (0xNNN) or octal (0NNNN) for numeric types (clear the check box to read Byte type as octal and hexadecimal numbers by default) | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Decode table                                                                                                                                      | [{SCHEMA_COLUMN=ID, DECODE=false}, {SCHEMA_COLUMN=NAME, DECODE=false}, {SCHEMA_COLUMN=LAST_NAME, DECODE=false}, {SCHEMA_COLUMN=EMAIL, DECODE=false}, {SCHEMA_COLUMN=JOB_TITLE, DECODE=false}, {SCHEMA_COLUMN=COMPANY, DECODE=false}, {SCHEMA_COLUMN=CITY, DECODE=false}, {SCHEMA_COLUMN=STATE, DECODE=false}, {SCHEMA_COLUMN=DATE, DECODE=false}, {SCHEMA_COLUMN=COMPAIGN_ID, DECODE=false}, {SCHEMA_COLUMN=CAMPAIGN_ID, DECODE=false}, {SCHEMA_COLUMN=LEAD_SCORE, DECODE=false}, {SCHEMA_COLUMN=CREDITCARDNUMBER, DECODE=false}] |
| Destination                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Min column number of optimize code                                                                                                                | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Label format                                                                                                                                      | Customer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| 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\_customer :

| ochema for metadata_customer . |       |        |        |           |          |         |
|--------------------------------|-------|--------|--------|-----------|----------|---------|
| Column                         | Key   | Туре   | Length | Precision | Nullable | Comment |
| ID                             | false | String | 7      |           | true     |         |
| NAME                           | false | String | 9      |           | true     |         |
| LAST_NAME                      | false | String | 9      |           | true     |         |
| EMAIL                          | false | String | 28     |           | true     |         |
| JOB_TITLE                      | false | String | 36     |           | true     |         |
| COMPANY                        | false | String | 12     |           | true     |         |
| CITY                           | false | String | 13     |           | true     |         |
| STATE                          | false | String | 5      |           | true     |         |
| DATE                           | false | String | 14     |           | true     |         |
| CAMPAIGN_ID                    | false | String | 18     |           | true     |         |
| LEAD_SCORE                     | false | String | 3      |           | true     |         |

| CREDITCARDNUMBER | false | String |  | true |  |
|------------------|-------|--------|--|------|--|
|                  |       |        |  |      |  |

#### Original Function Parameters: Component tFileOutputDelimited

| • | UNIQUE<br>NAME | tFileOutputDelimited_1 | INPUT(S)  | tSortRow_1 |
|---|----------------|------------------------|-----------|------------|
|   | LABEL          | UNIQUE_NAME            | OUTPUT(S) | none       |

**Component Parameters:** 

| Component Parameters    |                                                                              |  |  |  |  |  |
|-------------------------|------------------------------------------------------------------------------|--|--|--|--|--|
| Properties              | Values                                                                       |  |  |  |  |  |
| Unique Name             | tFileOutputDelimited_1                                                       |  |  |  |  |  |
| Component Name          | tFileOutputDelimited                                                         |  |  |  |  |  |
| Version                 | 0.101 (ALPHA)                                                                |  |  |  |  |  |
| Family                  | File/Output                                                                  |  |  |  |  |  |
| Startable               | false                                                                        |  |  |  |  |  |
| SUBTREE_START           | false                                                                        |  |  |  |  |  |
| END_OF_FLOW             | true                                                                         |  |  |  |  |  |
| Activate                | true                                                                         |  |  |  |  |  |
| DUMMY                   | false                                                                        |  |  |  |  |  |
| tStatCatcher Statistics | false                                                                        |  |  |  |  |  |
| Help                    | org.talend.help.tFileOutputDelimited                                         |  |  |  |  |  |
| Update components       | true                                                                         |  |  |  |  |  |
| IREPORT_PATH            |                                                                              |  |  |  |  |  |
| JAVA_LIBRARY_PATH       | C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\java |  |  |  |  |  |

| Subjob color                                                                           |                                                 |
|----------------------------------------------------------------------------------------|-------------------------------------------------|
| Title color                                                                            |                                                 |
| Enable parallel execution                                                              | false                                           |
| Number of parallel executions                                                          | 2                                               |
| PARALLELIZE_KEEP_EMPTY                                                                 | false                                           |
| Property Type                                                                          | Built-In                                        |
| Use Output Stream                                                                      | false                                           |
| Output Stream                                                                          | outputStream                                    |
| File Name                                                                              | "C:/Workspace/Data/tmp/out_Parallelize_tab.csv" |
| Row Separator                                                                          | "\n"                                            |
| Use OS line separator as row separator when CSV Row Separator is set to CR,LF or CRLF. | true                                            |
| CSV Row Separator                                                                      | "\n"                                            |
| Field Separator                                                                        | n.u<br>,                                        |
| Append                                                                                 | false                                           |
| Include Header                                                                         | false                                           |
| Compress as zip file                                                                   | false                                           |
| REPOSITORY_ALLOW_AUTO_SV                                                               | MHTEH                                           |
| Schema                                                                                 | Built-In                                        |
| Advanced separator (for numbers)                                                       | false                                           |
| Thousands separator                                                                    | " "<br>,                                        |
| Decimal separator                                                                      | n n<br>-                                        |
| CSV options                                                                            | false                                           |

| Escape char                              | пин                                                |
|------------------------------------------|----------------------------------------------------|
| Text enclosure                           | нин                                                |
| Create directory if does not exist       | true                                               |
| Split output in several files            | false                                              |
| Rows in each output file                 | 1000                                               |
| Custom the flush buffer size             | false                                              |
| Row number                               | 1                                                  |
| Output in row mode                       | false                                              |
| Encoding                                 | "ISO-8859-15"                                      |
| Don't generate empty file                | false                                              |
| Throw an error if the file already exist | true                                               |
| Min column number of optimize code       | 90                                                 |
| Label format                             | UNIQUE_NAME                                        |
| Hint format                              | <b>UNIQUE_NAME</b> <brcomment< td=""></brcomment<> |
| Connection format                        | row                                                |
| Show Information                         | false                                              |
| Comment                                  |                                                    |
| Use an existing validation rule          | false                                              |
| Validation Rule Type                     |                                                    |

Schema for metadata\_customer :

| Column | Key | Туре | Length | Precision | Nullable | Comment |
|--------|-----|------|--------|-----------|----------|---------|
|        |     |      |        |           |          |         |

| ID               | false | String | 7  | true |  |
|------------------|-------|--------|----|------|--|
| NAME             | false | String | 9  | true |  |
| LAST_NAME        | false | String | 9  | true |  |
| EMAIL            | false | String | 28 | true |  |
| JOB_TITLE        | false | String | 36 | true |  |
| COMPANY          | false | String | 12 | true |  |
| CITY             | false | String | 13 | true |  |
| STATE            | false | String | 5  | true |  |
| DATE             | false | String | 14 | true |  |
| CAMPAIGN_ID      | false | String | 18 | true |  |
| LEAD_SCORE       | false | String | 3  | true |  |
| CREDITCARDNUMBER | false | String |    | true |  |

# Original Function Parameters: Component tSortRow

| ź | UNIQUE<br>NAME | tSortRow_1  | INPUT(S)  | tFileInputDelimited_1  |
|---|----------------|-------------|-----------|------------------------|
|   | LABEL          | UNIQUE_NAME | OUTPUT(S) | tFileOutputDelimited_1 |

**Component Parameters:** 

| Properties | Values |
|------------|--------|

| Unique Name                   | tSortRow_1                                                                   |
|-------------------------------|------------------------------------------------------------------------------|
| Component Name                | tSortRow                                                                     |
| Version                       | 0.102 (ALPHA)                                                                |
| Family                        | Processing                                                                   |
| Startable                     | false                                                                        |
| SUBTREE_START                 | false                                                                        |
| END_OF_FLOW                   | false                                                                        |
| Activate                      | true                                                                         |
| DUMMY                         | false                                                                        |
| tStatCatcher Statistics       | false                                                                        |
| Help                          | org.talend.help.tSortRow                                                     |
| Update components             | true                                                                         |
| IREPORT_PATH                  |                                                                              |
| JAVA_LIBRARY_PATH             | C:\Talend_DI_7.3.1\Talend-Studio-20200219_1130-V7.3.1\configuration\lib\java |
| Subjob color                  |                                                                              |
| Title color                   |                                                                              |
| Enable parallel execution     | false                                                                        |
| Number of parallel executions | 2                                                                            |
| PARALLELIZE_KEEP_EMPTY        | false                                                                        |
| REPOSITORY_ALLOW_AUTO_SV      | ALLIEH                                                                       |
| Schema                        | Built-In                                                                     |
| Criteria                      | [{COLNAME=DATE, SORT=alpha, ORDER=desc}]                                     |

г

| Sort on disk                                 | false                                                                  |
|----------------------------------------------|------------------------------------------------------------------------|
| Temp data directory path                     | "C:/Talend_DI_7.3.1/Talend-Studio-20200219_1130-V7.3.1/workspace/temp" |
| Create temp data directory if does not exist | true                                                                   |
| Buffer size of external sort                 | 1000000                                                                |
| Label format                                 | UNIQUE_NAME                                                            |
| Hint format                                  | <b>UNIQUE_NAME</b> <brcomment< td=""></brcomment<>                     |
| Connection format                            | row                                                                    |
| Show Information                             | false                                                                  |
| Comment                                      |                                                                        |
| Use an existing validation rule              | false                                                                  |
| Validation Rule Type                         |                                                                        |

Schema for metadata\_customer :

| Column    | Key   |        | Length | Precision | Nullable | Comment |
|-----------|-------|--------|--------|-----------|----------|---------|
| ID        | false | String | 7      |           | true     |         |
| NAME      | false | String | 9      |           | true     |         |
| LAST_NAME | false | String | 9      |           | true     |         |
| EMAIL     | false | String | 28     |           | true     |         |
| JOB_TITLE | false | String | 36     |           | true     |         |
| COMPANY   | false | String | 12     |           | true     |         |
| CITY      | false | String | 13     |           | true     |         |

| STATE            | false | String | 5  | true |  |
|------------------|-------|--------|----|------|--|
| DATE             | false | String | 14 | true |  |
| CAMPAIGN_ID      | false | String | 18 | true |  |
| LEAD_SCORE       | false | String | 3  | true |  |
| CREDITCARDNUMBER | false | String |    | true |  |

## **Original Function Parameters:**