



# Jobs

Generated by Talend Data Fabric

|              |                    |                            |                         |
|--------------|--------------------|----------------------------|-------------------------|
| Project Name | Talend_TAC         | GENERATION DATE            | Jan 11, 2019 2:21:12 PM |
| AUTHOR       | security, security | Talend Data Fabric VERSION | 7.1.1.20181026_1147     |

## Summary

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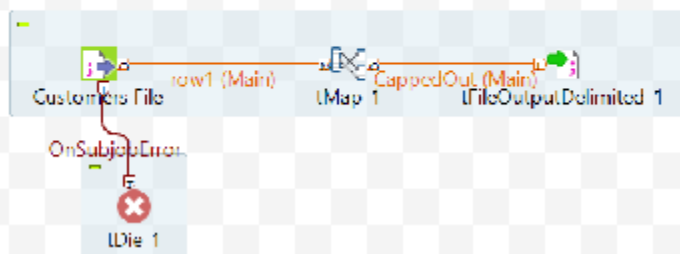
## Project Description

| Properties  | Values     |
|-------------|------------|
| Name        | Talend_TAC |
| Language    | java       |
| Description | Talend_TAC |

## Description

| Properties   | Values                   |
|--------------|--------------------------|
| Name         | UpperCase                |
| Author       | security, security       |
| Version      | 0.2                      |
| Purpose      | UpperCase                |
| Status       |                          |
| Description  |                          |
| Creation     | Jan 11, 2019 11:28:28 AM |
| Modification | Jan 11, 2019 2:16:59 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)       | true       |
| Use logs (tLogCatcher)              | true       |
| Use volumetrics (tFlowMeterCatcher) | true       |
| On Console                          | false      |
| On Files                            | false      |
| On Databases                        | true       |
| Property Type                       |            |
| Property                            | REPOSITORY |
| Property:source                     | Talend     |

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|                             |                                 |
|-----------------------------|---------------------------------|
| Db Type                     | tMSSqlOutput                    |
| Host                        | context.Talend_Server           |
| Port                        | context.Talend_Port             |
| Db Name                     | context.Talend_Database         |
| Additional parameters       | context.Talend_AdditionalParams |
| Schema                      | context.Talend_Schema           |
| User                        | context.Talend_Login            |
| Password                    | *****                           |
| Datasource                  | ""                              |
| Logs Table                  | "Logs"                          |
| Meter Table                 | "FlowMeter"                     |
| Stats Table                 | "Stats"                         |
| Catch components statistics | true                            |
| Catch runtime errors        | true                            |
| Catch user errors           | true                            |
| Catch user warnings         | true                            |

# Context List

## ContextDefault


| Name                    | Prompt                   | Need Prompt? | Type        | Value                  | Source |
|-------------------------|--------------------------|--------------|-------------|------------------------|--------|
| Talend_Server           | Talend_Server?           | false        | id_String   | LAPTOP-3CL7RSNF        | Talend |
| Talend_Port             | Talend_Port?             | false        | id_String   | 1433                   | Talend |
| Talend_Schema           | Talend_Schema?           | false        | id_String   |                        | Talend |
| Talend_Login            | Talend_Login?            | false        | id_String   |                        | Talend |
| Talend_Database         | Talend_Database?         | false        | id_String   | Talend                 | Talend |
| Talend_AdditionalParams | Talend_AdditionalParams? | false        | id_String   | internet_security=true | Talend |
| Talend_Password         | Talend_Password?         | false        | id_Password | ****                   | Talend |

# Component List

| Component Name         | Component Type       |
|------------------------|----------------------|
| tDie_1                 | tDie                 |
| tFileInputDelimited_1  | tFileInputDelimited  |
| tFileOutputDelimited_1 | tFileOutputDelimited |
| tMap_1                 | tMap                 |

# Components Description

## Component tDie

|   |             |                 |           |                       |
|---|-------------|-----------------|-----------|-----------------------|
|  | UNIQUE NAME | tDie_1          | INPUT(S)  | tFileInputDelimited_1 |
|   | LABEL       | __UNIQUE_NAME__ | OUTPUT(S) | none                  |

## Component Parameters:


| Properties              | Values  |
|-------------------------|---|
| Unique Name             | tDie_1  |
| Component Name          | tDie  |
| Version                 | 0.102 (ALPHA)                                 |
| Family                  | Logs_Errors                                   |
| Start                   | false   |
| Startable               | true  |
| SUBTREE_START           | true  |
| END_OF_FLOW             | true  |
| Activate                | true  |
| DUMMY                   | false   |
| tStatCatcher Statistics | false   |
| Help                    | org.talend.help.tDie                          |
| Update components       | true  |
| IREPORT_PATH            |   |
| JAVA_LIBRARY_PATH       | C:\Talend\7.1.1\studio\configuration\lib\java |

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Subjob color                    |                                       |
| Title color                     |                                       |
| Enable parallel execution       | false                                 |
| Number of parallel executions   | 2                                     |
| PARALLELIZE_KEEP_EMPTY          | false                                 |
| Die message                     | "the end is near"                     |
| Error code                      | 4                                     |
| Priority                        | 5                                     |
| Exit the JVM immediately        | false                                 |
| Schema                          | Built-In                              |
| 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 tDie\_1 :

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

Original Function Parameters:  
Component tFileInputDelimited

|   |             |                       |          |      |
|---|-------------|-----------------------|----------|------|
|  | UNIQUE NAME | tFileInputDelimited_1 | INPUT(S) | none |
|   |             |                       |          |      |

|  |       |                |           |                    |
|--|-------|----------------|-----------|--------------------|
|  | LABEL | Customers File | OUTPUT(S) | tMap_1<br>, tDie_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\7.1.1\studio\configuration\lib\java |
| Subjob color                  |   |
| Title color                   |   |
| Enable parallel execution     | false   |
| Number of parallel executions | 2   |




|                                  |   |
|----------------------------------|---|
| PARALLELIZE_KEEP_EMPTY           | false   |
| Property Type                    | Built-In  |
| REPOSITORY_ALLOW_AUTO_SWITCH     | true  |
| Schema                           | Built-In  |
| File name/Stream                 | "C:/StudentFiles/StudentFiles/DIBasics/Custs.csv" |
| CSV options                      | false   |
| Row Separator                    | "\n"  |
| CSV Row Separator                | "\n"  |
| Field Separator                  | " "   |
| Escape char                      | ""  |
| Text enclosure                   | ""  |
| Header                           | 1   |
| Footer                           | 0   |
| Limit                            |   |
| Skip empty rows                  | true  |
| Uncompress as zip file           | false   |
| Die on error                     | false   |
| Schema                           | Built-In  |
| !!!TEMP_DIR.NAME!!!              | "C:/Users/michael.quach/workspace"                |
| Advanced separator (for numbers) | false   |
| Thousands separator              | " "   |
| Decimal separator                | "."   |

|   |  |
|---|--|
| Extract lines at random                                       | false  |
| Number of lines   | 10   |
| Trim all columns  | false  |
| Check column to trim  | [[{SCHEMA_COLUMN=First, TRIM=false}, {SCHEMA_COLUMN=Last, TRIM=false}, {SCHEMA_COLUMN=Number, TRIM=false}, {SCHEMA_COLUMN=Street, TRIM=false}, {SCHEMA_COLUMN=City, TRIM=false}, {SCHEMA_COLUMN=State, TRIM=false}]]             |
| Check each row structure against schema                       | false  |
| Check date  | false  |
| Encoding  | "ISO-8859-15"  |
| Split row before field  | false  |
| Permit hexadecimal (0xNNN) or octal (0NNNN) for numeric types | false  |
| Decode table  | [[{SCHEMA_COLUMN=First, DECODE=false}, {SCHEMA_COLUMN=Last, DECODE=false}, {SCHEMA_COLUMN=Number, DECODE=false}, {SCHEMA_COLUMN=Street, DECODE=false}, {SCHEMA_COLUMN=City, DECODE=false}, {SCHEMA_COLUMN=State, DECODE=false}]] |
| !!!DESTINATION.NAME!!!  |  |
| Min column number of optimize code                            | 100  |
| Label format  | Customers File   |
| 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 tFileInputDelimited\_1 :

| Column | Key   | Type   | Length | Precision | Nullable | Comment |
|--------|-------|--------|--------|-----------|----------|---------|
| First  | false | String | 15     |           | true     |         |
| Last   | false | String | 15     |           | true     |         |
| Number | false | String | 10     |           | true     |         |
| Street | false | String | 20     |           | true     |         |
| City   | false | String | 20     |           | true     |         |
| State  | false | String | 2      |           | true     |         |

**Original Function Parameters:**  
**Component**   **tFileOutputDelimited**

|   |             |                        |           |        |
|---|-------------|------------------------|-----------|--------|
|  | UNIQUE NAME | tFileOutputDelimited_1 | INPUT(S)  | tMap_1 |
|   | LABEL       | __UNIQUE_NAME__        | OUTPUT(S) | none   |

**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\7.1.1\studio\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:/StudentFiles/StudentFiles/DIBasics/CappedOut.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  | ","   |
| Append   | false   |
| Include Header   | false   |


|  |                                       |
|--|---------------------------------------|
| Compress as zip file                     | false                                 |
| REPOSITORY_ALLOW_AUTO_SWITCH             | true                                  |
| Schema                                   | Built-In                              |
| Advanced separator (for numbers)         | false                                 |
| Thousands separator                      | " "                                   |
| Decimal separator                        | "."                                   |
| CSV options                              | false                                 |
| Escape char                              | ""                                    |
| Text enclosure                           | ""                                    |
| 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 | false                                 |
| Min column number of optimize code       | 90                                    |
| 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 CappedOut :

| Column   | Key   | Type    | Length | Precision | Nullable | Comment |
|----------|-------|---------|--------|-----------|----------|---------|
| First    | false | String  | 15     |           | true     |         |
| Last     | false | String  | 15     |           | true     |         |
| Address  | false | String  | 30     |           | true     |         |
| City     | false | String  | 20     |           | true     |         |
| State    | false | String  | 2      |           | true     |         |
| FullName | false | String  | 30     |           | true     |         |
| ZipCode  | false | Integer | 5      |           | true     |         |

Original Function Parameters:  
Component tMap

|   |             |                 |           |  |
|---|-------------|-----------------|-----------|--|
|  | UNIQUE NAME | tMap_1          | INPUT(S)  | <a href="#">tFileInputDelimited_1</a>  |
|   | LABEL       | __UNIQUE_NAME__ | OUTPUT(S) | <a href="#">tFileOutputDelimited_1</a> |

Component Parameters:

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

|                                      |         |
|--------------------------------------|---------|
| tStatCatcher Statistics              | false   |
| Enable parallel execution            | false   |
| Mapping links display as:            | AUTO    |
| Temp data directory path:            |         |
| Max buffer size (nb of rows):        | 2000000 |
| Ignore trailing zeros for BigDecimal | true    |
| Show Information                     | false   |
| Comment                              |         |
| Use an existing validation rule      | false   |

**Mapper table for tMap\_1 ( input ):**

**Mapper table Properties( row1 ):**

| Properties        | Values       |
|-------------------|--------------|
| Name              | row1         |
| Matching-mode     | UNIQUE_MATCH |
| isMinimized       | false        |
| isReject          | false        |
| isRejectInnerJoin | false        |
| isInnerJoin       | false        |
| expressionFilter  | null         |

**Metadata Table Entries( row1 ):**

| Name   | Type   | Expression | isNullable |
|--------|--------|------------|------------|
| First  | String |            | true       |
| Last   | String |            | true       |
| Number | String |            | true       |
| Street | String |            | true       |
| City   | String |            | true       |
| State  | String |            | true       |

**Constraint Table Entries( row1 ):**

| Name | Type | Expression | isNullable |
|------|------|------------|------------|
|------|------|------------|------------|



**Mapper table for tMap\_1 ( output ):**  
**Mapper table Properties( CappedOut ):**

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

**Metadata Table Entries( CappedOut ):**

| Name     | Type    | Expression                        | isNullable |
|----------|---------|-----------------------------------|------------|
| First    | String  | StringHandling.UPCASE(row1.First) | true       |
| Last     | String  | StringHandling.UPCASE(row1.Last)  | true       |
| Address  | String  | row1.Number + " " + row1.Street   | true       |
| City     | String  | row1.City                         | true       |
| State    | String  | row1.State                        | true       |
| FullName | String  | row1.First + " " + row1.Last      | true       |
| ZipCode  | Integer | Numeric.random(10000,99999)       | true       |

**Constraint Table Entries( CappedOut ):**

| Name | Type | Expression | isNullable |
|------|------|------------|------------|
|------|------|------------|------------|

**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 |
|------|------|------------|------------|
|------|------|------------|------------|

**Constraint Table Entries( Var ):**

| Name | Type | Expression | isNullable |
|------|------|------------|------------|
|------|------|------------|------------|