# Jobs

Generated by Talend Cloud Data Management Platform

| Project Name | talendcloud | GENERATION DATE | 31 Jan, 2019 3:00:29 PM |
|---|---|---|---|
| AUTHOR | Joshi, Nishad | Talend Cloud VERSION | 7.1.1.20181026_1147 |

## Summary

**Project Description**
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## Project Description

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

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

# Description

| Properties | Values |
|---|---|
| Name | Assignment1 |
| Author | Joshi, Nishad |
| Version | 1.0 |
| Purpose | |
| Status | DEV |
| Description | |
| Creation | 21 Jun, 2017 3:56:58 PM |
| Modification | 7 Aug, 2018 12:12:56 PM |

# Preview Picture
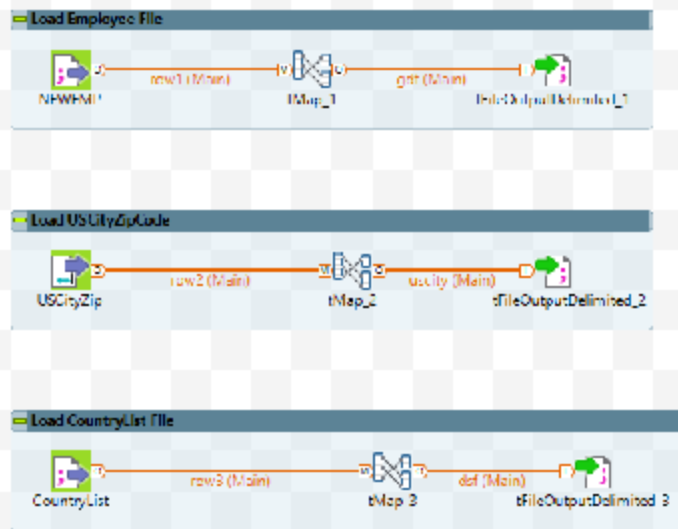
# Settings

## 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 |

# Context List

**ContextDefault**

| Name | Prompt | Need Prompt? | Type | Value | Source |
|---|---|---|---|---|---|
| | | | | | |

# Component List

| Component Name | Component Type |
|---|---|
| tFileInputDelimited_1 | tFileInputDelimited |
| tFileInputDelimited_2 | tFileInputDelimited |
| tFileInputPositional_1 | tFileInputPositional |

| | |
|---|---|
| tFileOutputDelimited_1 | tFileOutputDelimited |
| tFileOutputDelimited_2 | tFileOutputDelimited |
| tFileOutputDelimited_3 | tFileOutputDelimited |
| tMap_1 | tMap |
| tMap_2 | tMap |
| tMap_3 | tMap |

# Components Description

### Component   tFileInputDelimited

| | UNIQUE NAME | tFileInputDelimited_1 | INPUT(S) | none |
|---|---|---|---|---|
| | LABEL | NEWEMP | OUTPUT(S) | tMap_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-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: DELIM:EMP |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: DELIM:EMP - metadata |
| File name/Stream | "F:/Trainings/CITI/Assignments/Day1/Assignment1/Employee.txt" |
| CSV options | false |
| Row Separator | "\n" |
| CSV Row Separator | "\n" |
| Field Separator | "\|" |
| Escape char | """ |

| | |
|---|---|
| Text enclosure | """ |
| Header | 1 |
| Footer | 0 |
| Limit | |
| Skip empty rows | false |
| Uncompress as zip file | false |
| Die on error | false |
| Schema | repository: DELIM:EMP - metadata |
| !!!TEMP_DIR.NAME!!! | "D:/Talend-Tools-Studio-20161216_1026-V6.3.1/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=ID, TRIM=false}, {SCHEMA_COLUMN=FirstName, TRIM=false}, {SCHEMA_COLUMN=LastName, 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 | "US-ASCII" |
| Split row before field | false |
| Permit hexadecimal (0xNNN) or octal (0NNNN) for numeric types | false |

| Decode table | [{SCHEMA_COLUMN=ID, DECODE=false}, {SCHEMA_COLUMN=FirstName, DECODE=false}, {SCHEMA_COLUMN=LastName, 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 | NEWEMP |
| 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 |
|---|---|---|---|---|---|---|
| ID | false | Integer | 2 | | true | |
| FirstName | false | String | 10 | | true | |
| LastName | false | String | 10 | | true | |
| Street | false | String | 21 | | true | |
| City | false | String | 14 | | true | |
| State | false | String | 13 | | true | |

## Original Function Parameters:
## Component   tFileInputDelimited

| | UNIQUE NAME | tFileInputDelimited_2 | INPUT(S) | none |
|---|---|---|---|---|
| | LABEL | CountryList | OUTPUT(S) | tMap_3 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFileInputDelimited_2 |
| 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-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: DELIM:CountryList |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: DELIM:CountryList - metadata |
| File name/Stream | "F:/Trainings/CITI/Assignments/Day1/Assignment1/CountryList.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 | false |
| Uncompress as zip file | false |
| Die on error | false |
| Schema | repository: DELIM:CountryList - metadata |
| !!!TEMP_DIR.NAME!!! | "D:/Talend-Tools-Studio-20161216_1026-V6.3.1/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=Code, TRIM=false}, {SCHEMA_COLUMN=Name, TRIM=false}, {SCHEMA_COLUMN=Continent, TRIM=false}, {SCHEMA_COLUMN=Region, TRIM=false}, {SCHEMA_COLUMN=SurfaceArea, TRIM=false}, {SCHEMA_COLUMN=IndepYear, TRIM=false}, {SCHEMA_COLUMN=Population, TRIM=false}, {SCHEMA_COLUMN=LifeExpectancy, TRIM=false}, {SCHEMA_COLUMN=GNP, TRIM=false}, {SCHEMA_COLUMN=GNPOld, TRIM=false}, {SCHEMA_COLUMN=LocalName, TRIM=false}, {SCHEMA_COLUMN=GovernmentForm, TRIM=false}, {SCHEMA_COLUMN=HeadOfState, TRIM=false}, {SCHEMA_COLUMN=Capital, TRIM=false}, {SCHEMA_COLUMN=Code2, TRIM=false}, {SCHEMA_COLUMN=Column15, 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 | false |
| Decode table | [{SCHEMA_COLUMN=Code, DECODE=false}, {SCHEMA_COLUMN=Name, DECODE=false}, {SCHEMA_COLUMN=Continent, DECODE=false}, {SCHEMA_COLUMN=Region, DECODE=false}, {SCHEMA_COLUMN=SurfaceArea, DECODE=false}, {SCHEMA_COLUMN=IndepYear, DECODE=false}, {SCHEMA_COLUMN=Population, DECODE=false}, {SCHEMA_COLUMN=LifeExpectancy, DECODE=false}, {SCHEMA_COLUMN=GNP, DECODE=false}, {SCHEMA_COLUMN=GNPOld, DECODE=false}, {SCHEMA_COLUMN=LocalName, DECODE=false}, {SCHEMA_COLUMN=GovernmentForm, DECODE=false}, {SCHEMA_COLUMN=HeadOfState, DECODE=false}, {SCHEMA_COLUMN=Capital, DECODE=false}, {SCHEMA_COLUMN=Code2, DECODE=false}, {SCHEMA_COLUMN=Column15, DECODE=false}] |
| !!!DESTINATION.NAME!!! | |
| Min column number of optimize code | 100 |

| | |
|---|---|
| Label format | CountryList |
| 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 |
|---|---|---|---|---|---|---|
| Code | false | String | 3 | | true | |
| Name | false | String | 27 | | true | |
| Continent | false | String | 31 | | true | |
| Region | false | String | 25 | | true | |
| SurfaceArea | false | String | 14 | | true | |
| IndepYear | false | String | 9 | | true | |
| Population | false | Integer | 10 | | true | |
| LifeExpectancy | false | String | 8 | | true | |
| GNP | false | Float | 8 | 4 | true | |
| GNPOld | false | String | 8 | | true | |

| | | | | | | |
|---|---|---|---|---|---|---|
| LocalName | false | String | 35 | | true | |
| GovernmentForm | false | String | 44 | | true | |
| HeadOfState | false | String | 27 | | true | |
| Capital | false | String | 13 | | true | |
| Code2 | false | String | 4 | | true | |
| Column15 | false | String | 2 | | true | |

**Original Function Parameters:**
**Component   tFileInputPositional**

| | UNIQUE NAME | tFileInputPositional_1 | INPUT(S) | none |
|---|---|---|---|---|
| | LABEL | USCityZip | OUTPUT(S) | tMap_2 |

**Component Parameters:**

| Properties | Values |
|---|---|
| Unique Name | tFileInputPositional_1 |
| Component Name | tFileInputPositional |
| 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.tFileInputPositional |
| 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 | repository: POS:USCityZip |
| Use existing dynamic | false |
| Component List | |
| File name/Stream | "F:/Trainings/CITI/SampleFiles/USCityZipCode.txt" |
| Row Separator | "\n" |
| Customize | false |
| Pattern | "40,25,25,25,25,*" |
| Pattern units | SYMBOLS |
| Formats | [{SCHEMA_COLUMN=USStreet, SIZE=40, PADDING_CHAR=' ', ALIGN='L'}, {SCHEMA_COLUMN=USCity, SIZE=25, PADDING_CHAR=' ', ALIGN='L'}, {SCHEMA_COLUMN=USState, SIZE=25, PADDING_CHAR=' ', ALIGN='L'}, {SCHEMA_COLUMN=USStateID, SIZE=25, PADDING_CHAR=' ', ALIGN='L'}, {SCHEMA_COLUMN=Date, SIZE=25, PADDING_CHAR=' ', ALIGN='L'}] |

| | |
|---|---|
| Skip empty rows | false |
| Uncompress as zip file | false |
| Die on error | false |
| Header | 1 |
| Footer | 0 |
| Limit | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: POS:USCityZip - metadata |
| Schema | repository: POS:USCityZip - metadata |
| Needed to process rows longer than 100 000 characters | false |
| Advanced separator (for numbers) | false |
| Thousands separator | "," |
| Decimal separator | "." |
| Trim all columns | true |
| Validate date | false |
| Check column to trim | [{SCHEMA_COLUMN=USStreet, TRIM=false}, {SCHEMA_COLUMN=USCity, TRIM=false}, {SCHEMA_COLUMN=USState, TRIM=false}, {SCHEMA_COLUMN=USStateID, TRIM=false}, {SCHEMA_COLUMN=Date, TRIM=false}] |
| Encoding | "UTF-8" |
| Label format | USCityZip |
| 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 |
|---|---|---|---|---|---|---|
| USStreet | false | String | 40 | | true | |
| USCity | false | String | 25 | | true | |
| USState | false | String | 25 | | true | |
| USStateID | false | String | 25 | | true | |
| Date | false | java.util.Date | 25 | | 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-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 |
| Use Output Stream | false |
| Output Stream | outputStream |
| File Name | "F:\\Trainings\\CITI\\SampleFiles\\Assignment\\D1A1_Employee.txt" |
| 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 gdf :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| ID | false | Integer | 2 | | true | |
| FirstName | false | String | 10 | | true | |
| LastName | false | String | 10 | | true | |
| Street | false | String | 21 | | true | |
| City | false | String | 14 | | true | |
| State | false | String | 13 | | true | |

## Original Function Parameters:
## Component   tFileOutputDelimited

| | UNIQUE NAME | tFileOutputDelimited_2 | INPUT(S) | tMap_2 |
|---|---|---|---|---|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

## Component Parameters:

| Properties | Values |
| --- | --- |
| Unique Name | tFileOutputDelimited_2 |
| 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-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 |
| Use Output Stream | false |

| | |
|---|---|
| Output Stream | outputStream |
| File Name | "F:/Trainings/CITI/SampleFiles/Assignment/D1A1_UStateZip.txt" |
| 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 uscity :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| USStreet | false | String | 40 | | true | |
| USCity | false | String | 25 | | true | |
| USState | false | String | 25 | | true | |
| USStateID | false | String | 25 | | true | |
| Date | false | java.util.Date | 25 | | true | |

## Original Function Parameters:
## Component   tFileOutputDelimited

| | UNIQUE NAME | tFileOutputDelimited_3 | INPUT(S) | tMap_3 |
|---|---|---|---|---|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFileOutputDelimited_3 |
| 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-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 |
| Use Output Stream | false |
| Output Stream | outputStream |
| File Name | "D:/Talend-Tools-Studio-20161216_1026-V6.3.1/workspace/out.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 dsf :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Code | false | String | 3 | | true | |
| Name | false | String | 27 | | true | |
| Continent | false | String | 31 | | true | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Region | false | String | 25 | | true | |
| SurfaceArea | false | String | 14 | | true | |
| IndepYear | false | String | 9 | | true | |
| Population | false | Integer | 10 | | true | |
| LifeExpectancy | false | String | 8 | | true | |
| GNP | false | Float | 8 | 4 | true | |
| GNPOld | false | String | 8 | | true | |
| LocalName | false | String | 35 | | true | |
| GovernmentForm | false | String | 44 | | true | |
| HeadOfState | false | String | 27 | | true | |
| Capital | false | String | 13 | | true | |
| Code2 | false | String | 4 | | true | |
| Column15 | false | String | 2 | | true | |

**Original Function Parameters:**
**Component   tMap**

| | UNIQUE NAME | tMap_1 | INPUT(S) | tFileInputDelimited_1 |
|---|---|---|---|---|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tFileOutputDelimited_1 |

**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 | false |
| 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 |
|---|---|---|---|
| ID | Integer | | true |
| FirstName | String | | true |
| LastName | 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( gdf ):**

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

**Metadata Table Entries( gdf ):**

| Name | Type | Expression | isNullable |
|---|---|---|---|
| ID | Integer | row1.ID | true |
| FirstName | String | row1.FirstName | true |
| LastName | String | row1.LastName | true |
| Street | String | row1.Street | true |
| City | String | row1.City | true |
| State | String | row1.State | true |

**Constraint Table Entries( gdf ):**

| 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 |
|---|---|---|---|

**Component  tMap**

| | UNIQUE NAME | tMap_2 | INPUT(S) | tFileInputPositional_1 |
|---|---|---|---|---|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tFileOutputDelimited_2 |

**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 | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

**Mapper table for tMap_2 ( input ):**

**Mapper table Properties( row2 ):**

| Properties | Values |
|---|---|
| Name | row2 |
| Matching-mode | UNIQUE_MATCH |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

**Metadata Table Entries( row2 ):**

| Name | Type | Expression | isNullable |
|---|---|---|---|
| USStreet | String | | true |
| USCity | String | | true |
| USState | String | | true |
| USStateID | String | | true |
| Date | java.util.Date | | true |

**Constraint Table Entries( row2 ):**

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

**Mapper table for tMap_2 ( output ):**

**Mapper table Properties( uscity ):**

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

**Metadata Table Entries( uscity ):**

| Name | Type | Expression | isNullable |
|---|---|---|---|
| USStreet | String | row2.USStreet | true |
| USCity | String | row2.USCity | true |
| USState | String | row2.USState | true |
| USStateID | String | row2.USStateID | true |
| Date | java.util.Date | row2.Date | true |

**Constraint Table Entries( uscity ):**

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

**Mapper table for tMap_2 ( 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 |
|---|---|---|---|

## Component   tMap

| | UNIQUE NAME | tMap_3 | INPUT(S) | tFileInputDelimited_2 |
|---|---|---|---|---|
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tFileOutputDelimited_3 |

## 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 | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

**Mapper table for tMap_3 ( input ):**
  **Mapper table Properties( row3 ):**

| Properties | Values |
| --- | --- |
| Name | row3 |
| Matching-mode | UNIQUE_MATCH |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

**Metadata Table Entries( row3 ):**

| Name | Type | Expression | isNullable |
|---|---|---|---|
| Code | String | | true |
| Name | String | | true |
| Continent | String | | true |
| Region | String | | true |
| SurfaceArea | String | | true |
| IndepYear | String | | true |
| Population | Integer | | true |
| LifeExpectancy | String | | true |
| GNP | Float | | true |
| GNPOld | String | | true |
| LocalName | String | | true |
| GovernmentForm | String | | true |
| HeadOfState | String | | true |
| Capital | String | | true |
| Code2 | String | | true |
| Column15 | String | | true |

**Constraint Table Entries( row3 ):**

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

**Mapper table for tMap_3 ( output ):**
**Mapper table Properties( dsf ):**

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

**Metadata Table Entries( dsf ):**

| Name | Type | Expression | isNullable |
|---|---|---|---|
| Code | String | row3.Code | true |
| Name | String | row3.Name | true |
| Continent | String | row3.Continent | true |
| Region | String | row3.Region | true |
| SurfaceArea | String | row3.SurfaceArea | true |
| IndepYear | String | row3.IndepYear | true |
| Population | Integer | row3.Population | true |
| LifeExpectancy | String | row3.LifeExpectancy | true |
| GNP | Float | row3.GNP | true |
| GNPOld | String | row3.GNPOld | true |
| LocalName | String | row3.LocalName | true |
| GovernmentForm | String | row3.GovernmentForm | true |
| HeadOfState | String | row3.HeadOfState | true |
| Capital | String | row3.Capital | true |
| Code2 | String | row3.Code2 | true |
| Column15 | String | row3.Column15 | true |

**Constraint Table Entries( dsf ):**

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

**Mapper table for tMap_3 ( 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 |
|------|------|------------|------------|
|      |      |            |            |