# Jobs

## Generated by Talend Open Studio for ESB

| Project Name | Local_Project | GENERATION DATE | 18-Mar-2021 21:55:32 |
|---|---|---|---|
| AUTHOR | user@talend.com | Talend Open Studio VERSION | 7.3.1.20200219_1130 |

## Summary

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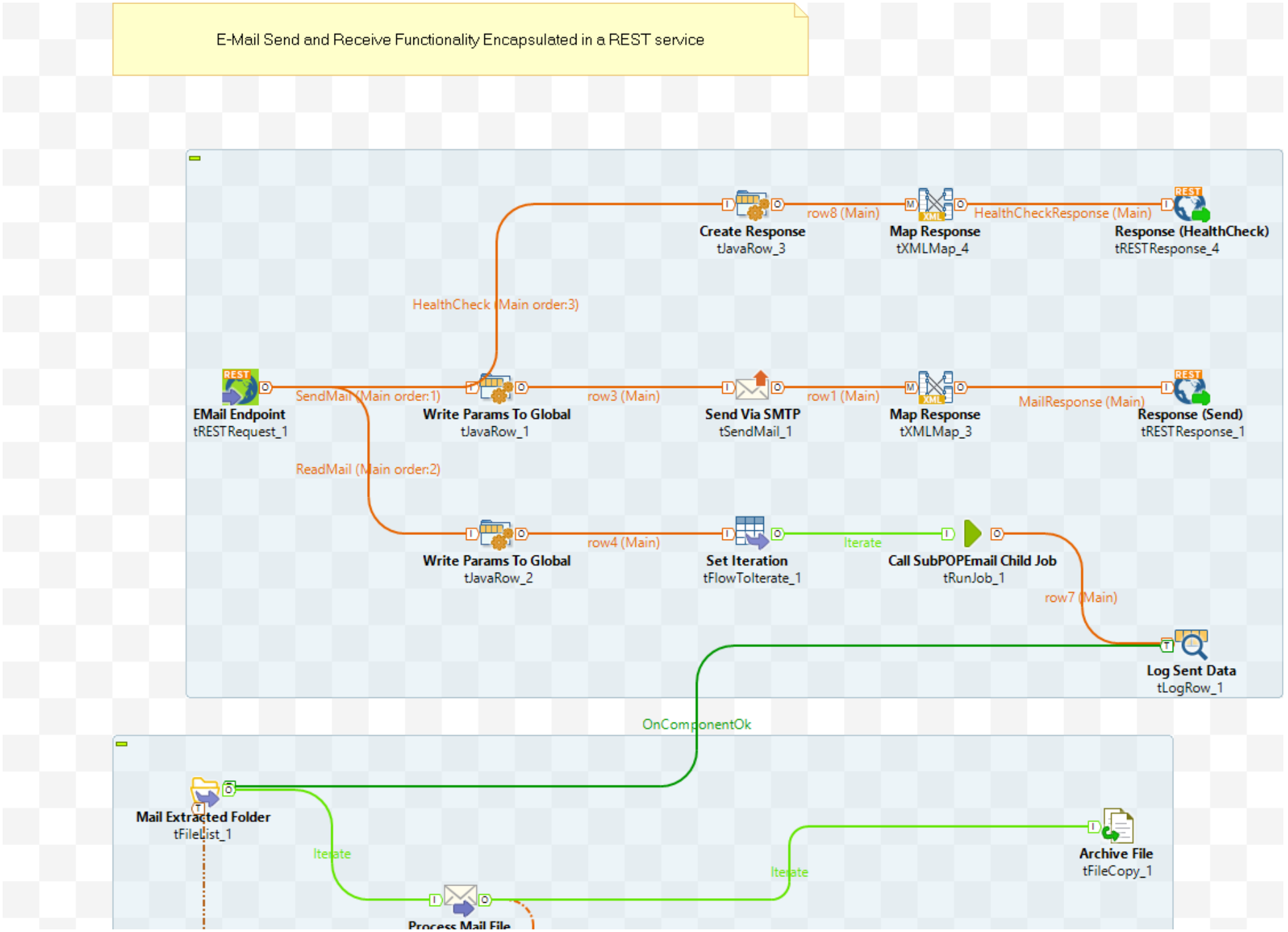
## Project Description

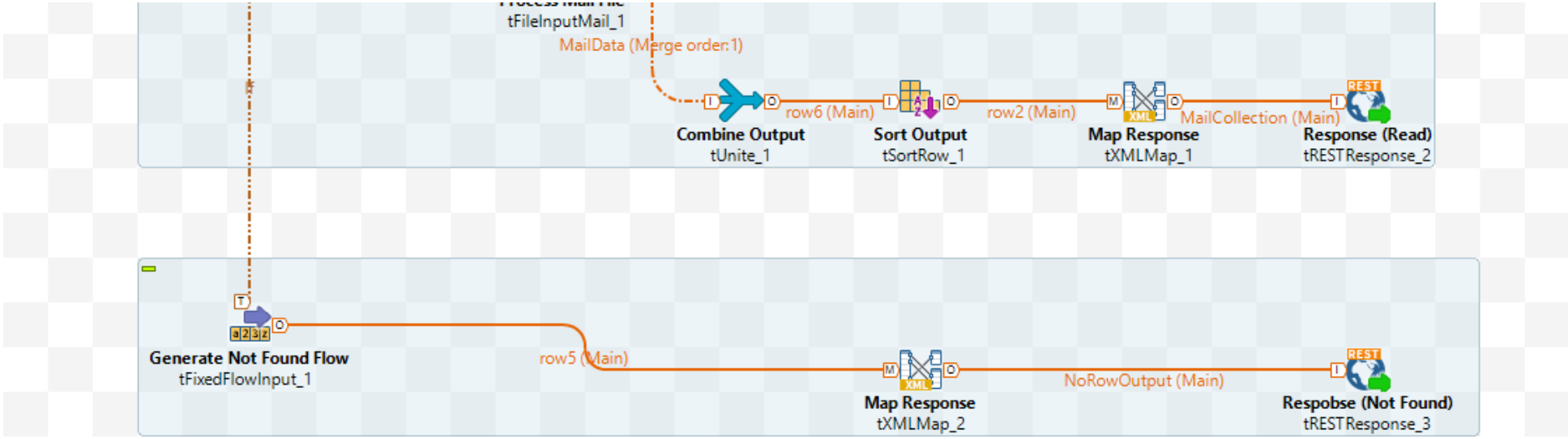
| Properties | Values |
|---|---|
| Name | Local_Project |
| Language | java |
| Description | |

## Description

| Properties | Values |
|---|---|
| Name | j011_RESTMailService |
| Author | user@talend.com |
| Version | 0.1 |
| Purpose | Rest service encapsulating e mail functionality |
| Status | |
| Description | |
| Creation | 29-Jan-2021 01:09:07 |
| Modification | 05-Mar-2021 18:57:37 |

# 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 |
|---|---|---|---|---|---|
| Password | Password? | false | id_String | Lilecahani1 | |
| PasswordRead | PasswordRead? | false | id_String | Lilecahani1 | |

# Component List

| Component Name | Component Type |
|---|---|
| tFileCopy_1 | tFileCopy |
| tFileInputMail_1 | tFileInputMail |
| tFileList_1 | tFileList |
| tFixedFlowInput_1 | tFixedFlowInput |
| tFlowToIterate_1 | tFlowToIterate |
| tJavaRow_1 | tJavaRow |
| tJavaRow_2 | tJavaRow |
| tJavaRow_3 | tJavaRow |
| tLogRow_1 | tLogRow |
| tRESTRequest_1 | tRESTRequest |
| tRESTResponse_1 | tRESTResponse |
| tRESTResponse_2 | tRESTResponse |
| tRESTResponse_3 | tRESTResponse |
| tRESTResponse_4 | tRESTResponse |
| tRunJob_1 | tRunJob |
| tSendMail_1 | tSendMail |
| tSortRow_1 | tSortRow |
| tUnite_1 | tUnite |
| tXMLMap_1 | tXMLMap |
| tXMLMap_2 | tXMLMap |
| tXMLMap_3 | tXMLMap |
| tXMLMap_4 | tXMLMap |

# Components Description

## Component tFileCopy

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tFileCopy_1 | INPUT(S) | tFileInputMail_1 |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | LABEL | Archive File <br> __UNIQUE_NAME__ | OUTPUT(S) | none |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFileCopy_1 |
| Component Name | tFileCopy |
| Version | 0.102 (ALPHA) |
| Family | File/Management |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFileCopy |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| File Name | ((String)globalMap.get("tFileList_1_CURRENT_FILEPATH")) |
| Copy a directory | false |
| Source directory | "C:/TalendESB/Studio/workspace" |
| Destination directory | "C:/talend_files/POC/Email/Done/" + TalendDate.getDate("yyyyMMdd") +"/" |
| Rename | false |
| Destination filename | "NewName.temp" |
| Remove source file | true |
| Replace existing file | true |
| Create the directory if it doesn't exist | true |
| Fail on error | false |
| Schema | Built-In |
| Label format | Archive File <br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

## Schema for tFileCopy_1 :

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

## Original Function Parameters:

### Component tFileInputMail

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tFileInputMail_1 | INPUT(S) | tFileList_1 |
| | LABEL | Process Mail File<br> | OUTPUT(S) | tUnite_1, tFileCopy_1 |

| | | | | |
|---|---|---|---|---|
| | | __UNIQUE_NAME__ | | |

Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFileInputMail_1 |
| Component Name | tFileInputMail |
| Version | 0.102 (ALPHA) |
| Family | File/Input |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFileInputMail |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| File Name | ((String)globalMap.get("tFileList_1_CURRENT_FILEPATH")) |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Mail type | MIME |
| Attachment export directory | "C:/TalendESB/Studio/workspace/" |
| Mail parts | [{SCHEMA_COLUMN=Date, MAIL_PART="Date", MULTI_VALUE=false, PART_SEPARATOR=""}, {SCHEMA_COLUMN=Subject, MAIL_PART="Subject", MULTI_VALUE=false, PART_SEPARATOR=""}, {SCHEMA_COLUMN=Message, MAIL_PART="Body", MULTI_VALUE=false, PART_SEPARATOR=""}] |
| MSG Mail parts | [{SCHEMA_COLUMN=Date, MAIL_PART=From}, {SCHEMA_COLUMN=Subject, MAIL_PART=From}, {SCHEMA_COLUMN=Message, MAIL_PART=From}] |
| Die on error | true |
| Label format | Process Mail File<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tFileInputMail_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Date | false | String | | | true | |
| Subject | false | String | | | true | |
| Message | false | String | | | true | |

Original Function Parameters:

Component tFileList

| | | | | |
|---|---|---|---|---|
| UNIQUE NAME | tFileList_1 | INPUT(S) | tLogRow_1 | |
| | Mail Extracted | | | |

| | | | | |
|---|---|---|---|---|
| | LABEL | Folder<br> __UNIQUE_NAME__ | OUTPUT(S) | tFileInputMail_1, tFixedFlowInput_1 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFileList_1 |
| Component Name | tFileList |
| Version | 0.102 (ALPHA) |
| Family | File/Management\|Orchestration |
| Start | false |
| Startable | true |
| SUBTREE_START | true |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFileList |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Directory | (String)globalMap.get("FolderName") |
| FileList Type | FILES |
| Includes subdirectories | false |
| Case Sensitive | YES |
| Generate Error if no file found | false |
| Use Glob Expressions as Filemask (Unchecked means Perl5 Regex Expressions) | true |
| Files | [{FILEMASK="*.mail"}] |
| By default | false |
| By file name | false |
| By file size | false |
| By modified date | true |
| ASC | false |
| DESC | true |
| Use Exclude Filemask | false |
| Exclude Filemask | "*.txt" |
| Format file path to slash(/) style (useful on Windows) | false |
| Label format | Mail Extracted Folder<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

## Original Function Parameters:

### Component tFixedFlowInput

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tFixedFlowInput_1 | INPUT(S) | tFileList_1 |
| | LABEL | Generate Not Found Flow<br> __UNIQUE_NAME__ | OUTPUT(S) | tXMLMap_2 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFixedFlowInput_1 |
| Component Name | tFixedFlowInput |
| Version | 0.102 (ALPHA) |
| Family | Misc |
| Start | false |
| Startable | true |
| SUBTREE_START | true |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFixedFlowInput |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Number of rows | 1 |
| Use Single Table | true |
| Values | [{SCHEMA_COLUMN=NotFound, VALUE="No EMails Found"}] |
| Use Inline Table | false |
| Inline Table | [] |
| Use Inline Content(delimited file) | false |
| Row Separator | "\n" |
| Field Separator | ";" |
| Content | |
| Label format | Generate Not Found Flow<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

## Schema for tFixedFlowInput_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| NotFound | false | String | | | true | |

## Original Function Parameters:

### Component tFlowToIterate

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tFlowToIterate_1 | INPUT(S) | tJavaRow_2 |
| | LABEL |  Set Iteration<br>__UNIQUE_NAME__ | OUTPUT(S) | tRunJob_1 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tFlowToIterate_1 |
| Component Name | tFlowToIterate |
| Version | 0.101 (ALPHA) |
| Family | Orchestration |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tFlowToIterate |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Use the default (key, value) in global variables. | true |
| Customize | [] |
| Schema | Built-In |
| Label format |  Set Iteration<br>__UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

## Schema for tFlowToIterate_1 :

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

## Original Function Parameters:

### Component tJavaRow

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tJavaRow_1 | INPUT(S) | tRESTRequest_1 |
| | LABEL | Write Params To Global<br>__UNIQUE_NAME__ | OUTPUT(S) | tSendMail_1 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tJavaRow_1 |
| Component Name | tJavaRow |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |

| | |
|---|---|
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tJavaRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Code | //Code generated according to input schema and output schema output_row.SendTo = input_row.SendTo; output_row.Subject = input_row.Subject; output_row.BodyText = input_row.BodyText; globalMap.put("SendTo", input_row.SendTo); globalMap.put("Subject",input_row.Subject); globalMap.put("BodyText",input_row.BodyText); |
| Import | //import java.util.List; |
| Label format | Write Params To Global<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for SendMail :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| SendTo | false | String | | | true | query |
| Subject | false | String | | | true | query |
| BodyText | false | String | | | true | query |

### Original Function Parameters:

### Component tJavaRow

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tJavaRow_2 | INPUT(S) | tRESTRequest_1 |
| | LABEL | Write Params To Global<br> __UNIQUE_NAME__ | OUTPUT(S) | tFlowToIterate_1 |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tJavaRow_2 |
| Component Name | tJavaRow |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| | |

| | |
|---|---|
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tJavaRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Code | globalMap.put("FolderName",input_row.FolderName); globalMap.put("Subject",input_row.Subject); |
| Import | //import java.util.List; |
| Label format | Write Params To Global<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for ReadMail :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| FolderName | false | String | | | true | |
| Subject | false | String | | | true | |

### Original Function Parameters:

### Component tJavaRow

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tJavaRow_3 | INPUT(S) | tRESTRequest_1 |
| | LABEL | Create Response<br> __UNIQUE_NAME__ | OUTPUT(S) | tXMLMap_4 |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tJavaRow_3 |
| Component Name | tJavaRow |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tJavaRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |

| | |
|---|---|
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Code | output_row.Heartbeat="OK"; |
| Import | //import java.util.List; |
| Label format | Create Response<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for tJavaRow_3 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Heartbeat | false | String | | | true | |

### Original Function Parameters:

### Component tLogRow

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tLogRow_1 | INPUT(S) | tRunJob_1 |
| | LABEL | Log Sent Data<br> __UNIQUE_NAME__ | OUTPUT(S) | tFileList_1 |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tLogRow_1 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLogRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Basic | true |
| Table (print values in cells of a table) | false |
| Vertical (each row is a key/value list) | false |
| Print unique name | true |
| Print label | false |
| Print unique name and label | false |
| Field Separator | "\|" |

| | |
|---|---|
| Print header | false |
| Print component unique name in front of each output row | false |
| Print schema column name in front of each value | false |
| Use fixed length for values | false |
| Lengths | [{SCHEMA_COLUMN=Folder, LENGTH=10}, {SCHEMA_COLUMN=Password, LENGTH=10}, {SCHEMA_COLUMN=Subject, LENGTH=10}, {SCHEMA_COLUMN=LoopCount, LENGTH=10}, {SCHEMA_COLUMN=NoOfMails, LENGTH=10}, {SCHEMA_COLUMN=MailError, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | Log Sent Data<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for tLogRow_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Folder | false | String | | | true | |
| Password | false | String | | | true | |
| Subject | false | String | | | true | |
| LoopCount | false | Integer | | | true | |
| NoOfMails | false | Integer | | | true | |
| MailError | false | String | | | true | |

### Original Function Parameters:

### Component tRESTRequest

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRESTRequest_1 | INPUT(S) | none |
| | LABEL | EMail Endpoint<br>__UNIQUE_NAME__ | OUTPUT(S) | tJavaRow_1, tJavaRow_2, tJavaRow_3 |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRESTRequest_1 |
| Component Name | tRESTRequest |
| Version | 0.101 (ALPHA) |
| Family | ESB/REST |
| Start | true |
| Startable | true |
| SUBTREE_START | true |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTRequest |
| Update components | true |
| IREPORT_PATH | |

| | |
|---|---|
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Definition | Built-In |
| !!!API_ID.NAME!!! | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| REST Endpoint | "http://localhost:8051/EMail" |
| REST API Mapping | [{SCHEMA=SendMail, HTTP_VERB=GET, URI_PATTERN="/Send", CONSUMES=NONE, PRODUCES=XML-JSON, STREAMING=false}, {SCHEMA=ReadMail, HTTP_VERB=GET, URI_PATTERN="/Read", CONSUMES=NONE, PRODUCES=XML-JSON, STREAMING=false}, {SCHEMA=HealthCheck, HTTP_VERB=GET, URI_PATTERN="/HealthCheck", CONSUMES=NONE, PRODUCES=XML-JSON, STREAMING=false}] |
| Use Service Locator | false |
| Service Namespace | "http://www.talend.org/rest/" |
| Service Name | "RESTGetStores" |
| Use Service Activity Monitor | false |
| Use Authentication (ESB runtime only) | false |
| AUTH_TYPE | BASIC |
| Use Authorization | false |
| Use Business Correlation | false |
| Log messages | false |
| Wrap JSON Request | false |
| Service Locator Custom Properties | [] |
| Service Activity Custom Properties | [] |
| Convert JSON values to String in response | false |
| Expose Swagger specification | false |
| Include Documentation into Swagger Spec | true |
| Label format | EMail Endpoint<br>__UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for WRONG_CALLS :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| uri | false | String | 255 | | true | |
| method | false | String | 255 | | true | |
| status | false | Integer | | | true | |
| error | false | String | 1024 | | true | |

Schema for SendMail :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| SendTo | false | String | | | true | query |
| Subject | false | String | | | true | query |
| BodyText | false | String | | | true | query |

Schema for ReadMail :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| FolderName | false | String | | | true | query |
| Subject | false | String | | | true | query |

## Schema for HealthCheck :

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

## Original Function Parameters:

### Component tRESTResponse

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRESTResponse_1 | INPUT(S) | tXMLMap_3 |
| | LABEL | Response (Send)<br> __UNIQUE_NAME__ | OUTPUT(S) | none |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRESTResponse_1 |
| Component Name | tRESTResponse |
| Version | 0.101 (ALPHA) |
| Family | ESB/REST |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTResponse |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Return Body Type | id_Document |
| Return status code | 200 |
| CUSTOM_STATUS_CODE | 200 |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Response Headers | [] |
| Drop JSON Response Root | false |
| JSON Array Keys | |
| Label format | Response (Send)<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

## Schema for tRESTResponse_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| body | false | Document | | | true | |

## Original Function Parameters:

## Component tRESTResponse

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRESTResponse_2 | INPUT(S) | tXMLMap_1 |
| | LABEL | Response (Read)<br>__UNIQUE_NAME__ | OUTPUT(S) | none |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRESTResponse_2 |
| Component Name | tRESTResponse |
| Version | 0.101 (ALPHA) |
| Family | ESB/REST |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTResponse |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Return Body Type | id_Document |
| Return status code | 200 |
| CUSTOM_STATUS_CODE | 200 |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Response Headers | [] |
| Drop JSON Response Root | false |
| JSON Array Keys | |
| Label format | Response (Read)<br>__UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for tRESTResponse_2 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| body | false | Document | | | true | |

### Original Function Parameters:

## Component tRESTResponse

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRESTResponse_3 | INPUT(S) | tXMLMap_2 |
| | LABEL | Respobse (Not Found)<br> | OUTPUT(S) | none |

| | | __UNIQUE_NAME__ | | |
|---|---|---|---|---|

Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRESTResponse_3 |
| Component Name | tRESTResponse |
| Version | 0.101 (ALPHA) |
| Family | ESB/REST |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTResponse |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Return Body Type | id_Document |
| Return status code | 200 |
| CUSTOM_STATUS_CODE | 200 |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Response Headers | [] |
| Drop JSON Response Root | false |
| JSON Array Keys | |
| Label format | Respobse (Not Found)<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tRESTResponse_3 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| body | false | Document | | | true | |

Original Function Parameters:

Component tRESTResponse

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRESTResponse_4 | INPUT(S) | tXMLMap_4 |
| | LABEL | Response (HealthCheck)<br>__UNIQUE_NAME__ | OUTPUT(S) | none |

Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRESTResponse_4 |
| | |

| | |
|---|---|
| Component Name | tRESTResponse |
| Version | 0.101 (ALPHA) |
| Family | ESB/REST |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTResponse |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Return Body Type | id_Document |
| Return status code | 200 |
| CUSTOM_STATUS_CODE | 200 |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Response Headers | [] |
| Drop JSON Response Root | false |
| JSON Array Keys | |
| Label format | Response (HealthCheck)<br>__UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for tRESTResponse_4 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| body | false | Document | | | true | |

### Original Function Parameters:

### Component tRunJob

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tRunJob_1 | INPUT(S) | tFlowToIterate_1 |
| | LABEL | Call SubPOPEmail Child Job<br>__UNIQUE_NAME__ | OUTPUT(S) | tLogRow_1 |

### Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tRunJob_1 |
| Component Name | tRunJob |
| Version | 0.101 (ALPHA) |
| Family | System\|Orchestration |
| Start | false |

| | |
|---|---|
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRunJob |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Use dynamic job | false |
| Context job | |
| Job | j015_SubPOPMail |
| Context | Default |
| Use an independent process to run subjob | false |
| Die on child error | false |
| Transmit whole context | false |
| Context Param | [{PARAM_NAME_COLUMN=Folder, PARAM_VALUE_COLUMN=(String)globalMap.get("FolderName")}, {PARAM_NAME_COLUMN=Password, PARAM_VALUE_COLUMN=context.PasswordRead}, {PARAM_NAME_COLUMN=Subject, PARAM_VALUE_COLUMN=(String)globalMap.get("Subject")}] |
| Propagate the child result to the output schema | false |
| Print Parameters | false |
| Transmit original context value(if uncheck, there will convert context value to string type before transmiting.) | true |
| Use child job JVM arguments | true |
| Overwrite child job JVM arguments | false |
| JVM | [] |
| Label format | Call SubPOPEmail Child Job<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

### Schema for tRunJob_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Folder | false | String | | | true | |
| Password | false | String | | | true | |
| Subject | false | String | | | true | |
| LoopCount | false | Integer | | | true | |
| NoOfMails | false | Integer | | | true | |
| MailError | false | String | | | true | |

### Original Function Parameters:

Component tSendMail

| UNIQUE NAME | tSendMail_1 | INPUT(S) | tJavaRow_1 |
|---|---|---|---|
| LABEL | Send Via SMTP<br> __UNIQUE_NAME__ | OUTPUT(S) | tXMLMap_3 |

## Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tSendMail_1 |
| Component Name | tSendMail |
| Version | 0.101 (ALPHA) |
| Family | Internet |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tSendMail |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| To | (String)globalMap.get("SendTo") |
| From | "blastrocker@googlemail.com" |
| Show sender's name? | true |
| Sendername | "JohnT" |
| Cc | "" |
| Bcc | "" |
| Subject | (String)globalMap.get("Subject") |
| Message | (String)globalMap.get("BodyText") |
| Die if the attachment file doesn't exist. | false |
| Attachments | [] |
| Other headers | [] |
| SMTP host | "smtp.gmail.com" |
| SMTP port | 587 |
| SSL Support | false |
| STARTTLS Support | true |
| Importance | Normal |
| Need authentication? | true |
| Username | "blastrocker@googlemail.com" |
| Password | context.Password |
| Die on error | false |
| MIME subtype from the 'text' MIME type | plain |
| charset used for encoding message | "UTF-8" |
| Set localhost | true |
| Localhost | "localhost" |
| Schema | Built-In |
| Label format | Send Via SMTP<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |

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

Schema for SendMail :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| SendTo | false | String | | | true | query |
| Subject | false | String | | | true | query |
| BodyText | false | String | | | true | query |

Original Function Parameters:

Component tSortRow

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tSortRow_1 | INPUT(S) | tUnite_1 |
| | LABEL | Sort Output<br> __UNIQUE_NAME__ | OUTPUT(S) | tXMLMap_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:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Criteria | [{COLNAME=Date, SORT=alpha, ORDER=asc}] |
| Sort on disk | false |
| Temp data directory path | "C:/TalendESB/Studio/workspace/temp" |
| Create temp data directory if does not exist | true |
| Buffer size of external sort | 1000000 |
| Label format | Sort Output<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| | |

| | |
|---|---|
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tSortRow_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Date | false | String | | | true | |
| Subject | false | String | | | true | |
| Message | false | String | | | true | |

Original Function Parameters:

Component tUnite

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tUnite_1 | INPUT(S) | tFileInputMail_1 |
| | LABEL | Combine Output<br> __UNIQUE_NAME__ | OUTPUT(S) | tSortRow_1 |

Component Parameters:

| Properties | Values |
|---|---|
| Unique Name | tUnite_1 |
| Component Name | tUnite |
| Version | 0.101 (ALPHA) |
| Family | Orchestration |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.Unite |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | C:\TalendESB\Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Label format | Combine Output<br> __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__<br>__COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tUnite_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|---|---|---|---|---|---|---|
| Date | false | String | | | true | |
| Subject | false | String | | | true | |
| Message | false | String | | | true | |

## Original Function Parameters:

### Component tXMLMap

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tXMLMap_1 | INPUT(S) | tSortRow_1 |
| | LABEL | Map Response<br>__UNIQUE_NAME__ | OUTPUT(S) | tRESTResponse_2 |

### Component Parameters:

| Properties | Values |
|---|---|
| tStatCatcher Statistics | false |
| Keep order for document | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

### Mapper table for tXMLMap_1 ( input ):

#### Mapper table Properties( row2 ):

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

#### Metadata Table Entries( row2 ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| row2/ Date | String | | true |
| row2/ Subject | String | | true |
| row2/ Message | String | | true |

### Mapper table for tXMLMap_1 ( output ):

#### Mapper table Properties( MailCollection ):

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

Metadata Table Entries( MailCollection ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| MailCollection/ body | Document | | true |
| MailCollection.body:/ EMails | String | | true |
| MailCollection.body:/ EMails/ Email | String | | true |
| MailCollection.body:/ EMails/ Email/ Date | String | row2.Date | true |
| MailCollection.body:/ EMails/ Email/ Subject | String | row2.Subject | true |
| MailCollection.body:/ EMails/ Email/ Message | String | row2.Message | true |

Mapper table for tXMLMap_1 ( var ):

Mapper table Properties( Var ):

| Properties | Values |
|---|---|
| Name | Var |
| Matching-mode | |
| isMinimized | true |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | |

Metadata Table Entries( Var ):

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

## Component tXMLMap

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tXMLMap_2 | INPUT(S) | tFixedFlowInput_1 |
| | LABEL | Map Response<br>__UNIQUE_NAME__ | OUTPUT(S) | tRESTResponse_3 |

Component Parameters:

| Properties | Values |
|---|---|
| tStatCatcher Statistics | false |
| Keep order for document | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

Mapper table for tXMLMap_2 ( input ):

Mapper table Properties( row5 ):

| Properties | Values |
|---|---|
| Name | row5 |
| Matching-mode | ALL_ROWS |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

Metadata Table Entries( row5 ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| row5/ NotFound | String | | true |

Mapper table Properties( row2 ):

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

Metadata Table Entries( row2 ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| row2/ Date | String | | true |
| row2/ Subject | String | | true |
| row2/ Message | String | | true |

Mapper table for tXMLMap_2 ( output ):

Mapper table Properties( NoRowOutput ):

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

Metadata Table Entries( NoRowOutput ):

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

| | | | |
|---|---|---|---|
| NoRowOutput/ body | Document | | true |
| NoRowOutput.body:/ Emails | String | | true |
| NoRowOutput.body:/ Emails/ Not Found | String | row5.NotFound | true |

Mapper table for tXMLMap_2 ( var ):

Mapper table Properties( Var ):

| Properties | Values |
|---|---|
| Name | Var |
| Matching-mode | |
| isMinimized | true |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | |

Metadata Table Entries( Var ):

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

## Component tXMLMap

| | | | |
|---|---|---|---|
| UNIQUE NAME | tXMLMap_3 | INPUT(S) | tSendMail_1 |
| LABEL | Map Response<br>__UNIQUE_NAME__ | OUTPUT(S) | tRESTResponse_1 |

Component Parameters:

| Properties | Values |
|---|---|
| tStatCatcher Statistics | false |
| Keep order for document | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

Mapper table for tXMLMap_3 ( input ):

Mapper table Properties( row1 ):

| Properties | Values |
|---|---|
| Name | row1 |
| Matching-mode | ALL_ROWS |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |

| | |
|---|---|
| expressionFilter | null |

Metadata Table Entries( row1 ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| row1/ SendTo | String | | true |
| row1/ Subject | String | | true |
| row1/ BodyText | String | | true |

Mapper table for tXMLMap_3 ( output ):

Mapper table Properties( MailResponse ):

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

Metadata Table Entries( MailResponse ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| MailResponse/ body | Document | | true |
| MailResponse.body:/ SentMails | String | | true |
| MailResponse.body:/ SentMails/ SentMail | String | | true |
| MailResponse.body:/ SentMails/ SentMail/ SendTo | String | row1.SendTo | true |
| MailResponse.body:/ SentMails/ SentMail/ Subject | String | row1.Subject | true |
| MailResponse.body:/ SentMails/ SentMail/ BodyText | String | row1.BodyText | true |

Mapper table for tXMLMap_3 ( var ):

Mapper table Properties( Var ):

| Properties | Values |
|---|---|
| Name | Var |
| Matching-mode | |
| isMinimized | true |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | |

Metadata Table Entries( Var ):

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

## Component tXMLMap

| | | | | |
|---|---|---|---|---|
| | UNIQUE NAME | tXMLMap_4 | INPUT(S) | tJavaRow_3 |
| | LABEL | Map Response<br>__UNIQUE_NAME__ | OUTPUT(S) | tRESTResponse_4 |

### Component Parameters:

| Properties | Values |
|---|---|
| tStatCatcher Statistics | false |
| Keep order for document | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

### Mapper table for tXMLMap_4 ( input ):

#### Mapper table Properties( row8 ):

| Properties | Values |
|---|---|
| Name | row8 |
| Matching-mode | ALL_ROWS |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

#### Metadata Table Entries( row8 ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| row8/ Heartbeat | String | | true |

### Mapper table for tXMLMap_4 ( output ):

#### Mapper table Properties( HealthCheckResponse ):

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

Metadata Table Entries( HealthCheckResponse ):

| Name | Type | Expression | isNullable |
|---|---|---|---|
| HealthCheckResponse/ body | Document | | true |
| HealthCheckResponse.body:/ EMailCheck | String | | true |
| HealthCheckResponse.body:/ EMailCheck/ Heartbeat | String | row8.Heartbeat | true |

Mapper table for tXMLMap_4 ( var ):

Mapper table Properties( Var ):

| Properties | Values |
|---|---|
| Name | Var |
| Matching-mode | |
| isMinimized | true |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | |

Metadata Table Entries( Var ):

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