



Jobs

First Trust
Portfolios

Generated by Talend Cloud API
Services Platform

| | | | |
|--------------|------------------|-------------------------|---------------------------|
| Project Name | TalendFTP | GENERATION DATE | Apr 18, 2022, 1:58:12 PM |
| AUTHOR | Thompson, Andrew | Talend Cloud VERSION | 8.0.1.20220412_1227-patch |

Summary

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Project Description

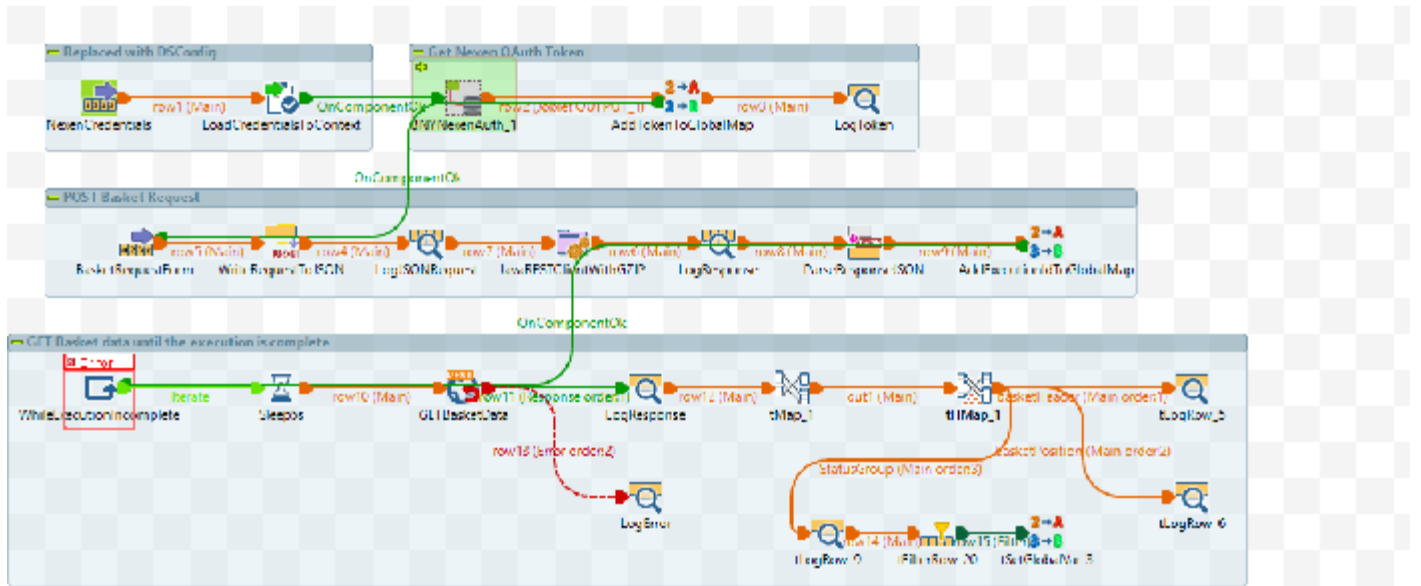
| Properties | Values |
|------------|-----------|
| Name | TalendFTP |
| Language | java |

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

Description

| Properties | Values |
|--------------|----------------------------|
| Name | BNYNexenBasket_JavaForGZIP |
| Author | Thompson, Andrew |
| Version | 0.1 |
| Purpose | |
| Status | |
| Description | |
| Creation | Apr 5, 2022, 11:03:52 AM |
| Modification | Apr 18, 2022, 1:58:12 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 |
|---------------|----------------|--------------|-------------|--------------------------------|--------|
| nexenUser | nexenUser? | false | id_String | | |
| nexenPassword | nexenPassword? | false | id_String | | |
| truststore | truststore? | false | id_Resource | _3awokLZ8Eeyfl-jwQVZPQQ Latest | |
| keystore | keystore? | false | id_Resource | _7T9uwLZ8Eeyfl-jwQVZPQQ Latest | |
| keystorePKCS | keystorePKCS? | false | id_Resource | _C31hILaDEeynWvBWR9-tFw Latest | |
| truststoreJKS | truststoreJKS? | false | id_Resource | _MIJHgLaGEeynWvBWR9-tFw Latest | |


Component List

| Component Name | Component Type |
|----------------------|--------------------|
| BNYNexenAuth_1 | BNYNexenAuth |
| tContextLoad_1 | tContextLoad |
| tExtractJSONFields_1 | tExtractJSONFields |
| tFilterRow_20 | tFilterRow |
| tFixedFlowInput_1 | tFixedFlowInput |
| tFixedFlowInput_2 | tFixedFlowInput |
| tHMap_1 | tHMap |
| tJavaFlex_1 | tJavaFlex |
| tLogRow_1 | tLogRow |
| tLogRow_2 | tLogRow |
| tLogRow_3 | tLogRow |
| tLogRow_4 | tLogRow |
| tLogRow_5 | tLogRow |
| tLogRow_6 | tLogRow |

| | |
|-------------------|-----------------|
| tLogRow_7 | tLogRow |
| tLogRow_9 | tLogRow |
| tLoop_1 | tLoop |
| tMap_1 | tMap |
| tRESTClient_1 | tRESTClient |
| tSetGlobalVar_1 | tSetGlobalVar |
| tSetGlobalVar_2 | tSetGlobalVar |
| tSetGlobalVar_3 | tSetGlobalVar |
| tSleep_1 | tSleep |
| tWriteJSONField_1 | tWriteJSONField |

Components Description

Component tContextLoad

| | | | | |
|---|-------------|--------------------------|-----------|-------------------|
|  | UNIQUE NAME | tContextLoad_1 | INPUT(S) | tFixedFlowInput_1 |
| | LABEL | LoadCredentialsToContext | OUTPUT(S) | BNYNexenAuth_1 |

Component Parameters:

| Properties | Values |
|-------------|----------------|
| Unique Name | tContextLoad_1 |


| | |
|--|---|
| Component Name | tContextLoad |
| Version | 0.101 (ALPHA) |
| Family | Misc |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tContextLoad |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| If a variable loaded, but not in the context | Warning |
| If a variable in the context, but not loaded | Warning |

| | |
|---------------------------------|---------------------------------------|
| Print operations | false |
| Disable errors | false |
| Disable warnings | true |
| Disable info | true |
| Die on error | false |
| Label format | LoadCredentialsToContext |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tContextLoad_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------|-------|--------|--------|-----------|----------|---------|
| key | false | String | 255 | | true | |
| value | false | String | 255 | | true | |

Original Function Parameters:
Component tExtractJSONFields

| | | | | |
|---|-------------|----------------------|-----------|-----------------|
|  | UNIQUE NAME | tExtractJSONFields_1 | INPUT(S) | tLogRow_2 |
| | LABEL | ParseResponseJSON | OUTPUT(S) | tSetGlobalVar_2 |

Component Parameters:

| Properties | Values |
|-------------------------------|---|
| Unique Name | tExtractJSONFields_1 |
| Component Name | tExtractJSONFields |
| Version | 0.102 (ALPHA) |
| Family | Processing/Fields |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tExtractJSONFields |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-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 | WITH |


| | |
|---------------------------|---|
| Schema | Built-In |
| Read By | JSONPATH |
| API version | 2_1_0 |
| JSON field | content |
| Loop XPath query | "\$.data[*]" |
| Loop Jsonpath query | "\$.data[*]" |
| Mapping | [[{SCHEMA_COLUMN=status, QUERY="\$.metadata.status", NODECHECK=, ISARRAY=}, {SCHEMA_COLUMN=responseld, QUERY="\$.metadata.responseld", NODECHECK=, ISARRAY=}, {SCHEMA_COLUMN=description, QUERY="\$.metadata.description", NODECHECK=, ISARRAY=}, {SCHEMA_COLUMN=executionId, QUERY="executionId", NODECHECK=, ISARRAY=}] |
| Mapping | [[{SCHEMA_COLUMN=status, QUERY="\$.metadata.status"}, {SCHEMA_COLUMN=responseld, QUERY="\$.metadata.responseld"}, {SCHEMA_COLUMN=description, QUERY="\$.metadata.description"}, {SCHEMA_COLUMN=executionId, QUERY="executionId"}] |
| Die on error | false |
| Schema | Built-In |
| !!!SCHEMA_OPT_NUM.NAME!!! | 100 |
| !!!DESTINATION.NAME!!! | tExtractJSONFields_1 |
| Encoding | "UTF-8" |
| Use the loop node as root | false |
| !!!SPLIT_LIST.NAME!!! | true |
| Label format | ParseResponseJSON |
| Hint format | __UNIQUE_NAME__ __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 |
|-------------|-------|--------|--------|-----------|----------|---------|
| status | false | String | | | true | |
| responseld | false | String | | | true | |
| description | false | String | | | true | |
| executionId | false | String | | | true | |

Original Function Parameters:
Component tFilterRow

| | | | | |
|---|-------------|-----------------|-----------|-----------------|
|  | UNIQUE NAME | tFilterRow_20 | INPUT(S) | tLogRow_9 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tSetGlobalVar_3 |

Component Parameters:

| Properties | Values |
|----------------|---------------|
| Unique Name | tFilterRow_20 |
| Component Name | tFilterRow |
| 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.tFilterRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | TRUE |
| Schema | Built-In |
| Schema | Built-In |
| Schema | Built-In |
| Logical operator used to combine conditions | && |
| Conditions | [{INPUT_COLUMN=Status, FUNCTION=, OPERATOR==, RVALUE="Success"}] |
| Use advanced mode | false |
| Advanced | // code sample : use input_row to define the condition. // input_row.columnName1.equals("foo") !(input_row.columnName2.equals("bar")) // replace the following expression by your own filter condition input_row.columnName1.equals(input_row.columnName2) |

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

Schema for tFilterRow_20 :

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

Original Function Parameters:
Component tFixedFlowInput

| | | | | |
|---|-------------|-------------------|-----------|--------------------------------|
|  | UNIQUE NAME | tFixedFlowInput_1 | INPUT(S) | none |
| | LABEL | NexenCredentials | OUTPUT(S) | tContextLoad_1 |

Component Parameters:

| Properties | Values |
|----------------|-------------------|
| Unique Name | tFixedFlowInput_1 |
| Component Name | tFixedFlowInput |
| Version | 0.102 (ALPHA) |
| Family | Misc |
| Start | true |


| | |
|-------------------------------|---|
| 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 | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Number of rows | 1 |
| Use Single Table | false |
| Values | [{SCHEMA_COLUMN=key, VALUE=}, {SCHEMA_COLUMN=value, VALUE=}] |
| Use Inline Table | true |
| Inline Table | [{value="q2QpHCYtna9NURmajqaSGfEZMkMa", key="nexenUser"}, {value="r44jdkQqK619MFobVZlb8XeLyrUa", key="nexenPassword"}] |

| | |
|------------------------------------|---------------------------------------|
| Use Inline Content(delimited file) | false |
| Row Separator | "\n" |
| Field Separator | "." , |
| Content | |
| Label format | NexenCredentials |
| Hint format | __UNIQUE_NAME__ __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 |
|--------|-------|--------|--------|-----------|----------|---------|
| key | false | String | | | true | |
| value | false | String | | | true | |

Original Function Parameters:
Component tFixedFlowInput

| | | | | |
|---|-------------|-------------------|-----------|-------------------|
|  | UNIQUE NAME | tFixedFlowInput_2 | INPUT(S) | tSetGlobalVar_1 |
| | LABEL | BasketRequestForm | OUTPUT(S) | tWriteJSONField_1 |

Component Parameters:

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

| | |
|-------------------------------|---|
| Unique Name | tFixedFlowInput_2 |
| 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 | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |


| | |
|------------------------------------|--|
| Number of rows | 1 |
| Use Single Table | true |
| Values | [[{SCHEMA_COLUMN=view, VALUE="combined"}, {SCHEMA_COLUMN=fromDate, VALUE="2022-03-21"}, {SCHEMA_COLUMN=toDate, VALUE="2022-03-23"}, {SCHEMA_COLUMN=etfIssuerIdentifier, VALUE="11"}, {SCHEMA_COLUMN=etfIssuerIdentifierType, VALUE="uniqueEpicIssuerId"}, {SCHEMA_COLUMN=fundIdentifier, VALUE="GRID"}, {SCHEMA_COLUMN=fundIdentifierType, VALUE="etfTradingTicker"}]] |
| Use Inline Table | false |
| Inline Table | [] |
| Use Inline Content(delimited file) | false |
| Row Separator | "\n" |
| Field Separator | "." , |
| Content | |
| Label format | BasketRequestForm |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tFixedFlowInput_2 :

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

| | | | | | | |
|-------------------------|-------|--------|--|--|------|--|
| toDate | false | String | | | true | |
| etfIssuerIdentifier | false | String | | | true | |
| etfIssuerIdentifierType | false | String | | | true | |
| fundIdentifier | false | String | | | true | |
| fundIdentifierType | false | String | | | true | |

Original Function Parameters:
Component tJavaFlex

| | | | | |
|---|-------------|------------------------|-----------|---------------------------|
|  | UNIQUE NAME | tJavaFlex_1 | INPUT(S) | tLogRow_3 |
| | LABEL | JavaRESTClientWithGZIP | OUTPUT(S) | tLogRow_2 |

Component Parameters:

| Properties | Values |
|----------------|---------------|
| Unique Name | tJavaFlex_1 |
| Component Name | tJavaFlex |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |


| | |
|-------------------------------|---|
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tJavaFlex |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | TRUE |
| Schema | Built-In |
| Data Auto Propagate | true |
| Start code | <pre>URL url = new URL("https://apigateway.bnymellon.com/etfdataservices/v1/baskets"); URLConnection con = (URLConnection) url.openConnection(); System.out.println("Opened connection"); con.setRequestMethod("POST"); con.setRequestProperty("Authorization", "Bearer " + (String)globalMap.get("token")); con.setRequestProperty("Content-Type", "application/json; utf-8"); con.setRequestProperty("Accept", "application/json"); con.setDoOutput(true); System.out.println("configured");</pre> |
| Main code | <pre>// here is the main part of the component, // a piece of code executed in the row // loop try(OutputStream os = con.getOutputStream()) { byte[] input = row7.jsonString.getBytes("utf-8"); os.write(input, 0, input.length); } System.out.println("POSTed request content"); // Store ResponseCode int status = con.getResponseCode(); System.out.println("Content-Encoding: " + con.getHeaderField("Content-Encoding")); // Inflat gzip stream (the API response content is gzipped) GZIPInputStream gzis = new GZIPInputStream(con.getInputStream()); InputStreamReader reader = new InputStreamReader(gzis); BufferedReader in = new BufferedReader(reader); // Send the output to next component, line by line String readed; while ((readed = in.readLine()) != null) { readed = in.readLine(); if (readed != null) { row6.content += readed; } } row6.responseCode = status;</pre> |
| End code | // end of the component, outside/closing the loop |

| | |
|---------------------------------|--|
| TOS2.0 | false |
| TOS3.2 | false |
| TOS4.0 | true |
| Import | import java.util.zip.GZIPIInputStream; import java.io.InputStreamReader; import java.io.BufferedReader; import java.net.HttpURLConnection; import java.net.URL; import java.io.OutputStream; |
| Label format | JavaRESTClientWithGZIP |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tJavaFlex_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------------|-------|---------|--------|-----------|----------|---------|
| responseCode | false | Integer | | | true | |
| content | false | String | | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------|-----------|-----------------|
|  | UNIQUE NAME | tLogRow_1 | INPUT(S) | tSetGlobalVar_1 |
| | LABEL | LogToken | OUTPUT(S) | none |

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 | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |


| | |
|---|--|
| Basic | 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=access_token, LENGTH=10}, {SCHEMA_COLUMN=scope, LENGTH=10}, {SCHEMA_COLUMN=token_type, LENGTH=10}, {SCHEMA_COLUMN=expires_in, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | LogToken |
| Hint format | __UNIQUE_NAME__ __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 |
|--------------|-------|---------|--------|-----------|----------|---------|
| access_token | false | String | 40 | | true | |
| scope | false | String | 3 | | true | |
| token_type | false | String | 6 | | true | |
| expires_in | false | Integer | 4 | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|--|-------------|-------------|-----------|----------------------|
|  | UNIQUE NAME | tLogRow_2 | INPUT(S) | tJavaFlex_1 |
| | LABEL | LogResponse | OUTPUT(S) | tExtractJSONFields_1 |

Component Parameters:

| Properties | Values |
|----------------|---------------|
| Unique Name | tLogRow_2 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |


| | |
|--|---|
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLogRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | TRUE |
| Schema | Built-In |
| Basic | 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=responseCode, LENGTH=10}, {SCHEMA_COLUMN=content, LENGTH=10}]] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | LogResponse |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tLogRow_2 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------------|-------|---------|--------|-----------|----------|---------|
| responseCode | false | Integer | | | true | |
| content | false | String | | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------|----------|-------------------|
|  | UNIQUE NAME | tLogRow_3 | INPUT(S) | tWriteJSONField_1 |
| | | | | |

| | | | | |
|--|-------|----------------|-----------|-----------------------------|
| | LABEL | LogJSONRequest | OUTPUT(S) | tJavaFlex_1 |
|--|-------|----------------|-----------|-----------------------------|

Component Parameters:

| Properties | Values |
|-------------------------------|---|
| Unique Name | tLogRow_3 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLogRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |


| | |
|---|---|
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Basic | 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=jsonString, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | LogJSONRequest |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |

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

Schema for tLogRow_3 :

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

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-------------|-----------|---------------|
|  | UNIQUE NAME | tLogRow_4 | INPUT(S) | tRESTClient_1 |
| | LABEL | LogResponse | OUTPUT(S) | tMap_1 |

Component Parameters:

| Properties | Values |
|-------------------------|---------------|
| Unique Name | tLogRow_4 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |


| | |
|---|---|
| Help | org.talend.help.tLogRow |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Basic | 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=statusCode, LENGTH=10}, {SCHEMA_COLUMN=body, LENGTH=10}, {SCHEMA_COLUMN=string, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | LogResponse |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tLogRow_4 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|------------|-------|----------|--------|-----------|----------|---------|
| statusCode | false | Integer | | | true | |
| body | false | Document | | | true | |
| string | false | String | 4048 | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------------|-----------|---------|
|  | UNIQUE NAME | tLogRow_5 | INPUT(S) | tHMap_1 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

Component Parameters:


| Properties | Values |
|-------------------------------|---|
| Unique Name | tLogRow_5 |
| 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 | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: GENERIC:BasketHeader - metadata |

| | |
|---|--|
| Basic | false |
| Table (print values in cells of a table) | true |
| Vertical (each row is a key/value list) | false |
| Print unique name | true |
| Print label | false |
| Print unique name and label | false |
| Field Separator | " " |
| Print header | false |
| Print component unique name in front of each output row | false |
| Print schema column name in front of each value | false |
| Use fixed length for values | false |
| Lengths | [[{SCHEMA_COLUMN=BasketCUSIP, LENGTH=10}, {SCHEMA_COLUMN=FundTicker, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__ __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 |
|-------------|-------|--------|--------|-----------|----------|---------|
| BasketCUSIP | false | String | | | true | |
| FundTicker | false | String | | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------------|-----------|---------|
|  | UNIQUE NAME | tLogRow_6 | INPUT(S) | tHMap_1 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

Component Parameters:

| Properties | Values |
|-------------------------|-------------------------|
| Unique Name | tLogRow_6 |
| 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 |
| REPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | repository: GENERIC:BasketPosition - metadata |
| Basic | false |
| Table (print values in cells of a table) | true |
| Vertical (each row is a key/value list) | false |
| Print unique name | true |
| Print label | false |
| Print unique name and label | false |
| Field Separator | " " |
| Print header | false |
| Print component unique name in front of each output row | false |
| Print schema column name in front of each value | false |
| Use fixed length for values | false |

| | |
|------------------------------------|---|
| Lengths | [{SCHEMA_COLUMN=BasketCUSIP, LENGTH=10}, {SCHEMA_COLUMN=FIGI, LENGTH=10}, {SCHEMA_COLUMN=Price, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__ __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 |
|-------------|-------|--------|--------|-----------|----------|---------|
| BasketCUSIP | false | String | | | true | |
| FIGI | false | String | | | true | |
| Price | false | Double | | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------|-----------|---------------|
|  | UNIQUE NAME | tLogRow_7 | INPUT(S) | tRESTClient_1 |
| | LABEL | LogError | OUTPUT(S) | none |

Component Parameters:


| Properties | Values |
|-------------------------------|---|
| Unique Name | tLogRow_7 |
| 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 | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |

| | |
|---|--|
| Basic | 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=errorCode, LENGTH=10}, {SCHEMA_COLUMN=errorMessage, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | LogError |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tLogRow_7 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------------|-------|---------|--------|-----------|----------|---------|
| errorCode | false | Integer | | | true | |
| errorMessage | false | String | 1024 | | true | |

Original Function Parameters:
Component tLogRow

| | | | | |
|---|-------------|-----------------|-----------|-------------------------------|
|  | UNIQUE NAME | tLogRow_9 | INPUT(S) | tHMap_1 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tFilterRow_20 |

Component Parameters:

| Properties | Values |
|-------------------------|-------------------------|
| Unique Name | tLogRow_9 |
| Component Name | tLogRow |
| Version | 0.101 (ALPHA) |
| Family | Logs_Errors |
| Startable | false |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLogRow |


| | |
|---|---|
| Update components | true |
| REPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Schema | Built-In |
| Basic | 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=Status, LENGTH=10}] |
| Print content with log4j | true |
| Min column number of optimize code | 100 |
| Label format | __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tLogRow_9 :

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

Original Function Parameters:
Component tLoop

| | | | | |
|---|-------------|--------------------------|-----------|-----------------|
|  | UNIQUE NAME | tLoop_1 | INPUT(S) | tSetGlobalVar_2 |
| | LABEL | WhileExecutionIncomplete | OUTPUT(S) | tSleep_1 |


Component Parameters:

| Properties | Values |
|----------------|---------|
| Unique Name | tLoop_1 |
| Component Name | tLoop |

| | |
|-------------------------------|---|
| Version | 0.102 (ALPHA) |
| Family | Orchestration |
| Start | false |
| Startable | true |
| SUBTREE_START | true |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tLoop |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| For | false |
| While | true |
| From | 1 |
| To | 10 |

| | |
|---------------------------------|--|
| Step | 1 |
| Values are increasing | true |
| Declaration | |
| Condition | !(boolean)globalMap.get("executionComplete") |
| Iteration | |
| Label format | WhileExecutionIncomplete |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Original Function Parameters: Component tRESTClient

| | | | | |
|---|-------------|---------------|-----------|--------------------------|
|  | UNIQUE NAME | tRESTClient_1 | INPUT(S) | tSleep_1 |
| | LABEL | GETBasketData | OUTPUT(S) | tLogRow_4 , tLogRow_7 |

Component Parameters:

| Properties | Values |
|----------------|---------------|
| Unique Name | tRESTClient_1 |
| Component Name | tRESTClient |
| Version | 0.102 (ALPHA) |

| | |
|-------------------------------|--|
| Family | ESB/REST |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tRESTClient |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| URL | "https://apigateway.bnymellon.com/etfdataservices/v1/baskets-data" |
| Relative Path | "" |
| HTTP Method | GET |
| Content Type | application/xml |
| Accept Type | */* |

| | |
|------------------------------|--|
| Query parameters | [{NAME="executionId", VALUE=(String)globalMap.get("executionId")}] |
| REPOSITORY_ALLOW_AUTO_SWITCH | true |
| Input Schema | Built-In |
| Response Schema | Built-In |
| Error Schema | Built-In |
| Use Service Locator | false |
| Service namespace | "http://www.talend.org/rest/" |
| Service name | "" |
| Use Service Activity Monitor | false |
| Use Authentication | true |
| Authentication Type | OAUTH2_BEARER |
| Username | "username" |
| Password | ***** |
| Bearer Token | (String)globalMap.get("token") |
| Use Authorization | false |
| Role | "" |
| Use Business Correlation | false |
| Correlation Value | "" |
| Check Server Identity | true |
| Die on error | true |
| Log messages | false |
| Follow redirects | false |

| | |
|--|---------------------------------------|
| Allow non-same host redirects | false |
| Enable WebClient Operation Reporting | true |
| Convert Response To DOM Document | true |
| Drop JSON Request Root | false |
| Wrap JSON Response | true |
| Convert Types To Strings | false |
| HTTP Headers | [] |
| Service Locator | [] |
| Service Activity Monitor | [] |
| Disable chunked encoding | false |
| Connection timeout (seconds) | 30 |
| Receive timeout (seconds) | 60 |
| Use HTTP proxy | false |
| Host | "127.0.0.1" |
| Port | 8080 |
| Username | "" |
| Password | ** |
| Transfer these JSON elements as arrays | "" |
| Label format | GETBasketData |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |

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

Schema for tRESTClient_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------|-------|----------|--------|-----------|----------|---------|
| body | false | Document | | | true | |
| string | false | String | 4048 | | true | |

Original Function Parameters:
Component tSetGlobalVar

| | | | | |
|--|-------------|---------------------|-----------|------------------------------|
| <div> <div>2 → A</div> <div>3 → B</div> </div> | UNIQUE NAME | tSetGlobalVar_1 | INPUT(S) | BNYNexenAuth_1 |
| | LABEL | AddTokenToGlobalMap | OUTPUT(S) | tLogRow_1, tFixedFlowInput_2 |

Component Parameters:

| Properties | Values |
|----------------|-----------------|
| Unique Name | tSetGlobalVar_1 |
| Component Name | tSetGlobalVar |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Start | false |
| Startable | true |
| SUBTREE_START | false |

| | |
|---------------------------------|--|
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tSetGlobalVar |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| Variables | [{KEY="token", VALUE=row2.token_type + " " + row2.access_token}] |
| Schema | Built-In |
| Label format | AddTokenToGlobalMap |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tSetGlobalVar_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------------|-------|---------|--------|-----------|----------|---------|
| access_token | false | String | 40 | | true | |
| scope | false | String | 3 | | true | |
| token_type | false | String | 6 | | true | |
| expires_in | false | Integer | 4 | | true | |

Original Function Parameters:
Component tSetGlobalVar

| | | | | |
|---|-------------|---------------------------|-----------|----------------------|
|  | UNIQUE NAME | tSetGlobalVar_2 | INPUT(S) | tExtractJSONFields_1 |
| | LABEL | AddExecutionIdToGlobalMap | OUTPUT(S) | tLoop_1 |

Component Parameters:

| Properties | Values |
|----------------|-----------------|
| Unique Name | tSetGlobalVar_2 |
| Component Name | tSetGlobalVar |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |


| | |
|---------------------------------|---|
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tSetGlobalVar |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| Variables | [[KEY="executionId", VALUE=row9.executionId], {KEY="executionComplete", VALUE=false}] |
| Schema | Built-In |
| Label format | AddExecutionIdToGlobalMap |
| Hint format | __UNIQUE_NAME__ __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 |
|--------|-----|------|--------|-----------|----------|---------|
|--------|-----|------|--------|-----------|----------|---------|

| | | | | | | |
|-------------|-------|--------|--|--|------|--|
| status | false | String | | | true | |
| responseld | false | String | | | true | |
| description | false | String | | | true | |
| executionId | false | String | | | true | |

Original Function Parameters:
Component tSetGlobalVar

| | | | | |
|---|----------------|-----------------|-----------|---------------|
|  | UNIQUE NAME | tSetGlobalVar_3 | INPUT(S) | tFilterRow_20 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | none |

Component Parameters:


| Properties | Values |
|----------------|-----------------|
| Unique Name | tSetGlobalVar_3 |
| Component Name | tSetGlobalVar |
| Version | 0.101 (ALPHA) |
| Family | Custom_Code |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | true |
| Activate | true |
| DUMMY | false |

| | |
|---------------------------------|---|
| tStatCatcher Statistics | false |
| Help | org.talend.help.tSetGlobalVar |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| Variables | [{KEY="executionComplete", VALUE=true}] |
| Schema | Built-In |
| Label format | __UNIQUE_NAME__ |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tSetGlobalVar_3 :

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

Original Function Parameters:
Component tSleep

| | | | | |
|---|-------------|----------|-----------|---------------|
|  | UNIQUE NAME | tSleep_1 | INPUT(S) | tLoop_1 |
| | LABEL | Sleep5s | OUTPUT(S) | tRESTClient_1 |

Component Parameters:


| Properties | Values |
|-------------------------|---|
| Unique Name | tSleep_1 |
| Component Name | tSleep |
| Version | 0.102 (ALPHA) |
| Family | Orchestration |
| Start | false |
| Startable | true |
| SUBTREE_START | false |
| END_OF_FLOW | false |
| Activate | true |
| DUMMY | false |
| tStatCatcher Statistics | false |
| Help | org.talend.help.tSleep |
| Update components | true |
| IREPORT_PATH | |
| JAVA_LIBRARY_PATH | D:\Talend-Studio\configuration\lib\java |
| Subjob color | |

| | |
|---------------------------------|---------------------------------------|
| Title color | |
| Enable parallel execution | false |
| Number of parallel executions | 2 |
| PARALLELIZE_KEEP_EMPTY | false |
| Pause (in seconds) | 5 |
| Schema | Built-In |
| Label format | Sleep5s |
| Hint format | __UNIQUE_NAME__ __COMMENT__ |
| Connection format | row |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |
| Validation Rule Type | |

Schema for tSleep_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------|-------|----------|--------|-----------|----------|---------|
| body | false | Document | | | true | |
| string | false | String | 4048 | | true | |

Original Function Parameters:
Component BNYNexenAuth

| | | | | |
|---|-------------|-----------------|-----------|-----------------|
|  | UNIQUE NAME | BNYNexenAuth_1 | INPUT(S) | tContextLoad_1 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tSetGlobalVar_1 |


Component Parameters:

| Properties | Values |
|---------------------------|---|
| Version | Latest |
| Schema | OUTPUT_1:access_token scope token_type expires_in |
| Joblet TRIGGER_INPUT_1 | COMPONENT_OK |
| Show Information | false |
| Comment | |

Schema for OUTPUT_1 :

| Column | Key | Type | Length | Precision | Nullable | Comment |
|--------------|-------|---------|--------|-----------|----------|---------|
| access_token | false | String | 40 | | true | |
| scope | false | String | 3 | | true | |
| token_type | false | String | 6 | | true | |
| expires_in | false | Integer | 4 | | true | |


Component tHMap

| | | | | |
|---|-------------|-----------------|-----------|-------------------------------------|
|  | UNIQUE NAME | tHMap_1 | INPUT(S) | tMap_1 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tLogRow_5 , tLogRow_6, tLogRow_9 |

| | |
|--|---|
| tStatCatcher Statistics | false |
| To create a new map based on the input and output of tHMap, use Open Map Editor below. To use an existing map, select the Map Path below and then use Open Map Editor. | |
| Open Map Editor | |
| Synchronize map with schema connections | false |
| Map Path | "Jobs/BNYNexenBasket_JavaForGZIP/tHMap_1" |
| Single column | true |
| Data Integration columns | true |
| Map Variable | " " |
| Alternate contextual Map(s) | " " |
| Map each row (disable virtual component) | false |
| Emit empty payload | true |
| Exception Threshold | 64 |
| Show Information | false |
| Comment | |

| | |
|---------------------------------|-------|
| Use an existing validation rule | false |
|---------------------------------|-------|

Component tMap

| | | | | |
|---|-------------|-----------------|-----------|-----------|
|  | UNIQUE NAME | tMap_1 | INPUT(S) | tLogRow_4 |
| | LABEL | __UNIQUE_NAME__ | OUTPUT(S) | tHMap_1 |

Component Parameters:

| Properties | Values |
|--------------------------------------|---------|
| tStatCatcher Statistics | 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(row12):

| Properties | Values |
|-------------------|--------------|
| Name | row12 |
| Matching-mode | UNIQUE_MATCH |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

Metadata Table Entries(row12):

| Name | Type | Expression | isNullable |
|------------|----------|------------|------------|
| statusCode | Integer | | true |
| body | Document | | true |
| string | String | | true |

Constraint Table Entries(row12):

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

Mapper table for tMap_1 (output):

Mapper table Properties(out1):

| Properties | Values |
|-------------------|--------|
| Name | out1 |
| Matching-mode | |
| isMinimized | false |
| isReject | false |
| isRejectInnerJoin | false |
| isInnerJoin | false |
| expressionFilter | null |

Metadata Table Entries(out1):

| Name | Type | Expression | isNullable |
|--------|--------|--------------|------------|
| object | Object | row12.string | true |

Constraint Table Entries(out1):

| 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 tWriteJSONField

| | | | | |
|---|-------------|--------------------|-----------|-----------------------------------|
|  | UNIQUE NAME | tWriteJSONField_1 | INPUT(S) | tFixedFlowInput_2 |
| | LABEL | WriteRequestToJSON | OUTPUT(S) | tLogRow_3 |

Component Parameters:

| Properties | Values |
|------------|--------|
| Activate | true |

| | |
|---|------------|
| tStatCatcher Statistics | false |
| Output Column | jsonString |
| Configure JSON Tree | |
| Group by | [] |
| Remove root node. | true |
| Quote all non-null values | false |
| Pass null values and empty strings explicitly | false |
| Show Information | false |
| Comment | |
| Use an existing validation rule | false |

Schema for tWriteJSONField_1 :

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