Create Folder In CMIS

Version 1.0

Date: 21st Jun 2024

RICEFW ID:	
TD Created By:	Yogesh Wadakar
TD Reviewed By:	Krishna Kumar
TD Status:	Approved
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Current TD Version:	1.0

Usage guidelines and Specific Instructions:

- **Document Flow-** The flow of the document is generic. Specific changes to the flow will be required to be made by the client team to suit the client context.

- **Document Content-**The content explains the technical specification in a generic manner. Specific changes are required to be made to meet client requirements.

- **Section 1 -** The overall requirement summary, General technical Information, assumptions, dependencies, and messages volume details need to be documented as a part of this section.

- **Section 2 –** This section caters to the detailed functional requirement. The technical flow diagram and description are to be compulsorily designed and documented here. This should also include each processing step details, Exception handling, Message transformation and value mapping details.

- **Section 3 –** Finer details like Tenant Database area requirement like Data Store, variables and JMS queues requirement and specify the transport details.

- **Section 4 -** The section needs to cover all the key business test conditions and assembly test conditions that the enhancement must satisfy.

- **Section 5 –** All issues that have cropped up so far and their present status are to be highlighted in this section.

Revision History

Version No.	Change Date	Author	Revision Short Description	ITSM Ticket No
1.0	21ST Jun 2024	Yogesh Wadakar	Document prepared	

Other Related Documents

Related Document	Comment

Document Approvals for all changes

Version No.	Author Name	Approver Name	Approver Role	Approve Date
1.0	Yogesh Wadakar	Krishna Kumar	Delivery Lead	21st May 2024

Contents

1. Development Overview

1.1 Requirements Summary with Process flow diagram

Using this integration, we create a folder in CMIS, HANA will post a JSON body that contains the folder path and folder name. Need to create a folder on the respective folder path on CMIS. SAP CPI in Groovy prepares the body in the form 'form' data & this body is posted to CMIS which creates the respective folder in the CMIS repository.

1.2 Cloud Integration – General Technical Details

Parameter	Description
Integration Scenario Technical Description	This integration used to create folder into CMIS.
Business Benefits	We manage document organized way.
Process Owner	Krishna Kumar
Technical Owner	Krishna Kumar
Systems/Applications Involved	HANA 2.0
Integration Package Technical Name	ThirdpartyintegrationwithSAPDocumentManagementService
Integration Package Name	Third party integration with SAP Document Management Service
Integration Flow Technical name	CreateFolderInCMIS
Integration Flow Name	Create Folder In CMIS

1.3 Assumptions

HANA System will send JSON body which contains folder path and folder name.

1.4 Messages Volume

Parameter	Description
Total Number of Messages per day	Dynamic
No of Messages per single Iflow/Process model execution	Single
Per message size in Bytes	1KB

1.5 Messages Archival requirement

1. Messages Archival required? ☐ YES ☒ No

2 If YES to question 1:

a. How long messages to be save in Archived area? _____ days

b. Please specify reason / explain the need for these data required? Please check all that applies.

☐ Legal requirement:
Explain: _____

☐ Business
Explain: _____

☐ Tax
Explain: _____

☐ Audit
Explain: _____

☐ Others: Specify _____
Explain: _____

1.6 Integration Flow /process model Execution Details

Data Source/sender System:	SAP HANA 2.0
Data Target /Receiver System:	CMIS
Reference system for Direction below	Either sender or Receiver system mentioned above
Direction (With respect to Source/sender system)	☐ Inbound — Interface data flows inbound to Reference system ☒ Outbound — Interface data flows outbound from Reference system ☐ Other — Specify:
Interface Type	☐ Batch ☐ Near Real-Time ☒ Real-Time ☐ File Upload ☐ Other
Interface Frequency	☐ Hourly — Details: ☐ Daily — Details: ☐ Weekly — Details: ☐ Monthly — Details: ☐ Quarterly — Details: ☐ Yearly — Details: ☒ On-Demand — How often: Get execute when new object needs to create. ☐ Other — Specify:
Type of Records Sent	☐ Full record load — Send all records every time interface is executed ☐ Delta full records — Only send records where one or more fields have changed since previous execution ☐ Delta records — Only send fields (and keys) that changed since previous interface execution ☒ Other — Specify: Single record at a time
Quality of Legacy Data	☒ Good

	☐ Average ☐ Poor
Complexity of Legacy Data	☒ Good ☐ Average ☐ Poor
Attachments	☐ YES Specify: type and number of attachments ☒ NO ☐ Other Specify:

1.7 Naming Convention Guidelines Details

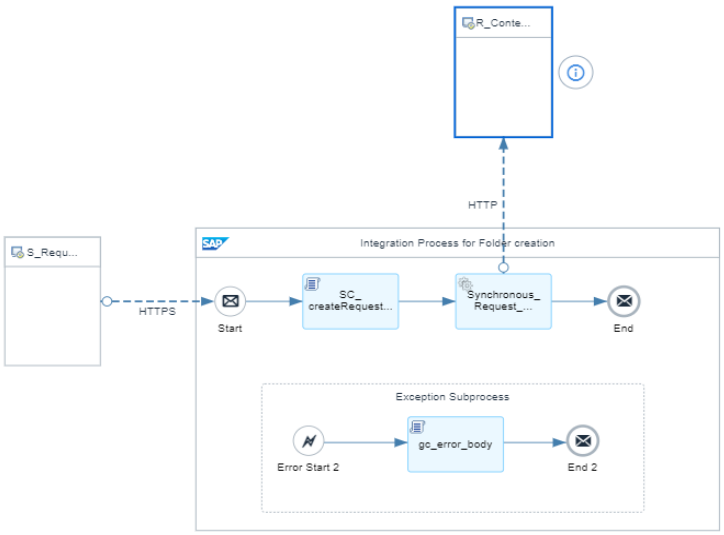
a. Name of the package – 120 characters (Flexible based the involved product names)
b. Short text of the package – 120 characters
c. Description of the package – 1-3 paragraphs
d. Name of the Artifact – 80 characters
e. Integration Flow (Artifact) Description (Short Text): 120 Characters

1.8 Security, Integrity, and Controls (systems Authentication details)

System	Authentication Method	Cloud Integration (Security Artifact)	Type of Security Artifact	Version No	Created By	Status
CMIS	Basic Auth	<CMIS Credential>	User Credentials	1.0	-	Deployed

2 Detailed Technical Specifications

2.1 Integration Flow/Process Model Flow Diagram including all sub processes and dependent Integration Flows



2.2 Technical Flow Description for each Integration Process model wise

The source will send a JSON body that contains the folder path and folder name. In the Groovy script control, we extract these payload properties which we used to create our payload in the form of FORM which we then post to our CMIS repository with dynamic URL update base on the folder path.

2.3 Channels Configurations

Step ID	Target system	Adapter Type	Security Artifact/Authnticati on	Trigger details (End points, HTTP method, file name, etc..)
Sender	HANA 2.0	HTTP	Bearer Token	POST <Endpoint URL>
Receiver	CMIS	HTTP	Basic Auth	POST <CMIS base URL>

2.4 Externalization (Configuration)

Parameter	Value
Authorization Type	Select client authentication type.
CMIS base URL	Enter CMIS base URL where we want crate folder.
CMIS Credentials	Enter the Security Material name which has CMIS access.
Endpoint URL	Enter endpoint URL as per naming convention.
Role	Select the role which we want to give access.

3 Testing Requirements

3.1 Test Body

JSON Body –

```
{

    "foldername": "GRV-0023",
    "folderpath": "2024"
}
```

3.2 Key Unit/Assembly Test Conditions

Unit Test Log						
Test Objective						
Step No.	**Date**	**Description**	**Expected Output/Results**	**Actual Output/Results**	**Requirement ID**	**Sign-off**
1	21st Jun 2024	We post one JSON payload which contains folder path and folder name and return CMIS created folder JSON response.	Created folder response in JSON format.	Created folder response in JSON format.		Tested successfully.
Notes	1					