

Batch Processing from COBOL

This document describes the steps required to create a set of Digital Capabilities to manage the addition, deletion, updating and retrieval of Data Objects based on an original COBOL structure. This is contained in the following attached file:



Employees.cpy

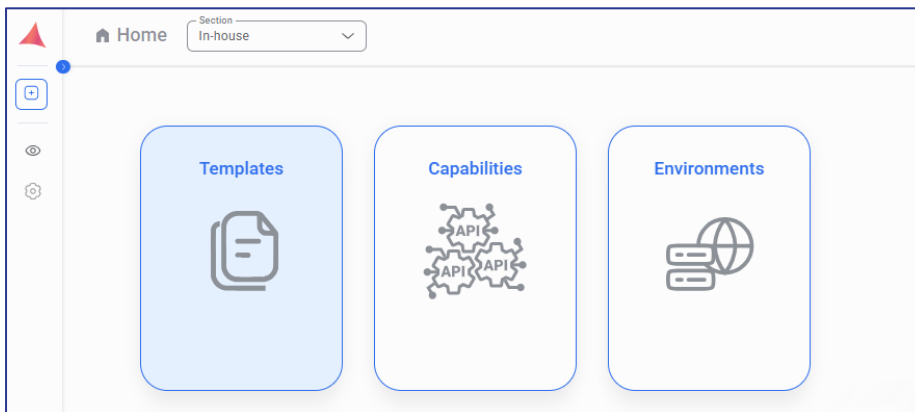
Batch Process the COBOL Structure

This is the process that will create a new Section and populate that with the basic Field Templates based on the COBOL Metadata while also creating a proposed Data Object structure to manage the service data.

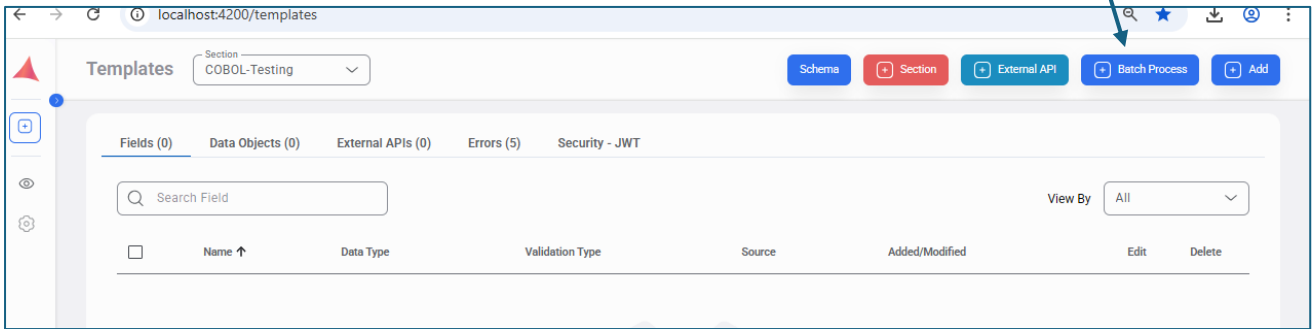
Batch Process the COBOL Structure

This will require the availability of the COBOL copybook Employee.cpy containing the COBOL structure for the Employee, which is provided at the beginning of this document:

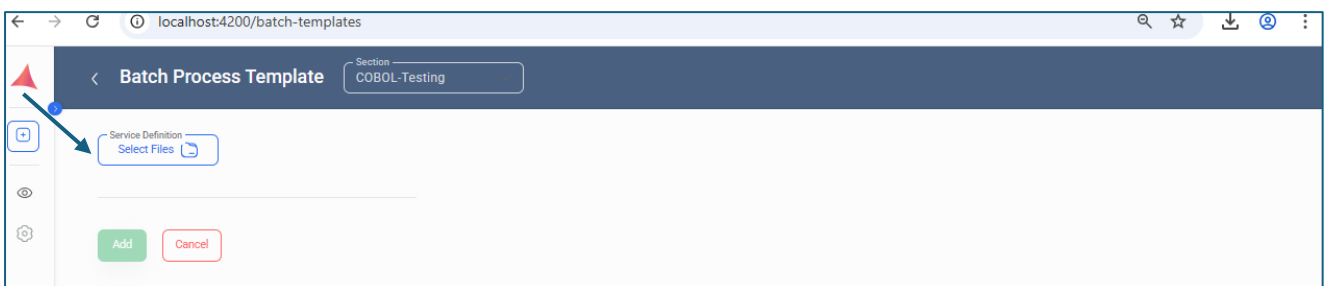
1. Select templates window from the main menu :



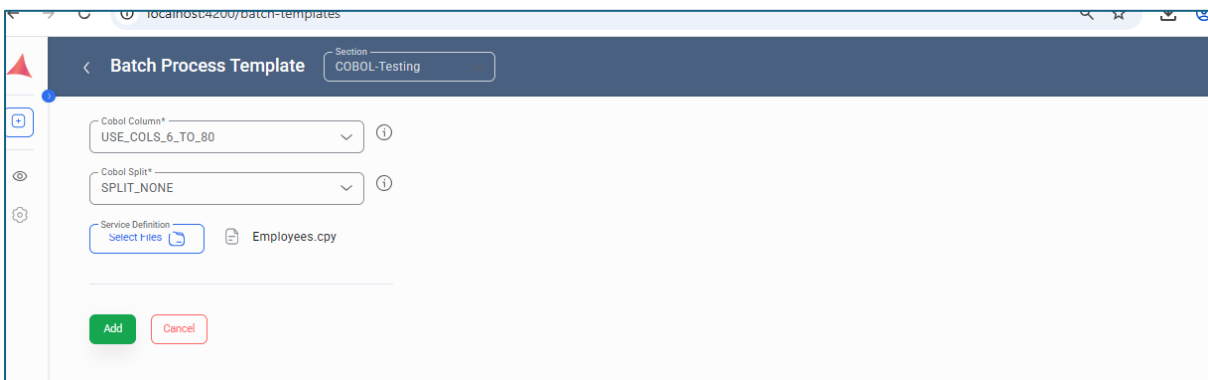
2. From the templates window, select the "Batch Process" button:



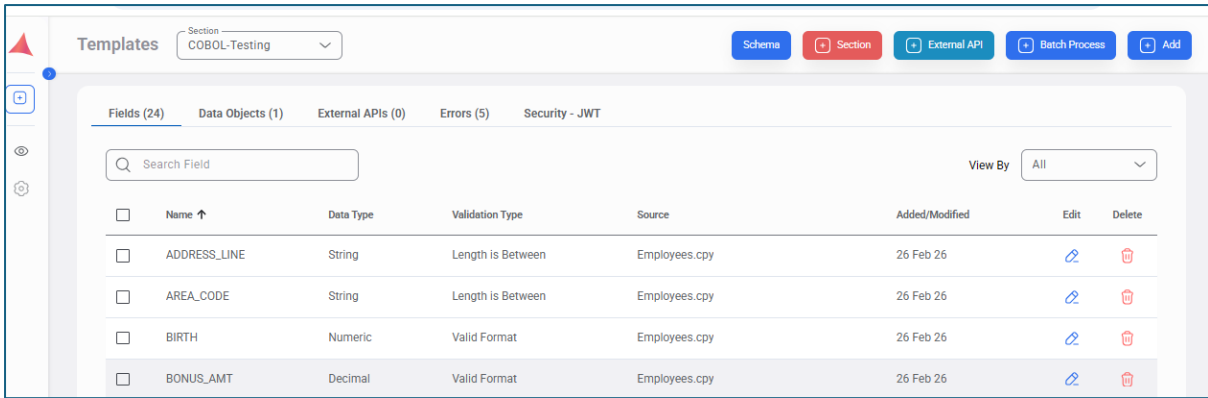
3. Hit the 'Select Files' button and add the Employees COBOL Copybook file:



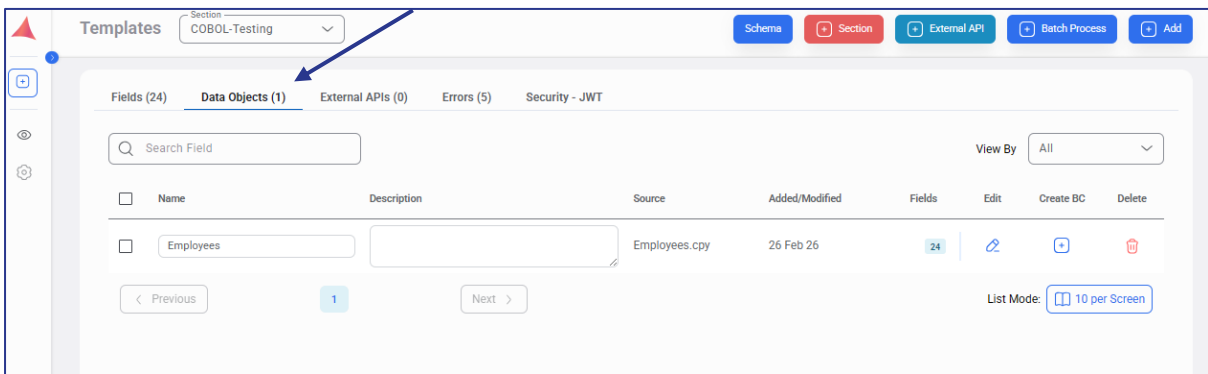
4. You will then be presented with the options for this file, keep the defaults for this exercise:



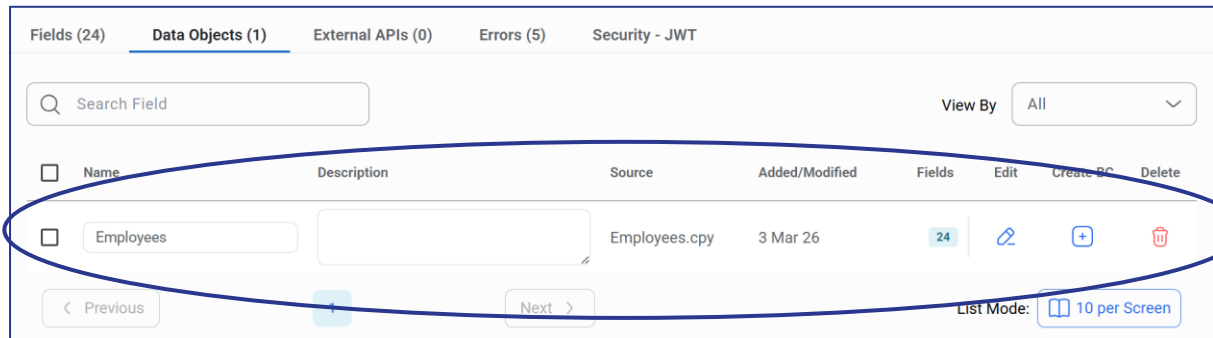
5. The result will be the list of Field Templates created from the COBOL Structure. These should be reviewed and any additional validation rules added to each field.



6. Hit the "Data Objects" tab to show all available data objects:



7. You will see the Data Object Schema that has been created.



8. Hit the "Edit" button for the Data Object Schema

Name	Type	Unique		
Employees	Structure (1)		<input type="checkbox"/>	<input type="checkbox"/>
PERSONNEL_ID	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
FIRST_NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
MIDDLE_NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
MAR_STAT	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
SEX	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
BIRTH	Numeric (2)		<input type="checkbox"/>	<input type="checkbox"/>
CITY	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
ZIP	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
COUNTRY	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
AREA_CODE	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
PHONE	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
DEPT	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
JOB_TITLE	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
ADDRESS_LINE *	Array (2)		<input type="checkbox"/>	<input type="checkbox"/>
INCOME *	Array (2)		<input type="checkbox"/>	<input type="checkbox"/>
BONUS *	Array (2)		<input type="checkbox"/>	<input type="checkbox"/>
LEAVE	Structure (2)		<input type="checkbox"/>	<input type="checkbox"/>
LEAVE_BOOKED *	Array (2)		<input type="checkbox"/>	<input type="checkbox"/>
LANG *	Array (2)		<input type="checkbox"/>	<input type="checkbox"/>

9. This will display the content and structure of the Employee Data Object Schema. Mark the PERSONNEL_ID field, as "Unique" as a Unique "key" field is required to correctly create the base Digital Capabilities and hit the "Save" button.

Name	Type	Unique		
Employees	Structure (1)		<input type="checkbox"/>	<input type="checkbox"/>
PERSONNEL_ID	String (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIRST_NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
MIDDLE_NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>
NAME	String (2)		<input type="checkbox"/>	<input type="checkbox"/>

Next Steps

Once completed, you can proceed to the next guide to create the Business Capabilities for this section. See the related document: 04-B-Business Capability Creation from XSD V2 for the next steps.