Lab 3 - IDoc Outbound Endpoint

Ver. 1.0.0

Overview

This next lab will focus on using the SAP Connector as an IDoc Outbound Endpoint. The flow that you create will send an IDoc to SAP to create a customer record.

Reminder: This lab requires the use of your own SAP instance. If you don't have one, you can leverage a hosted SAP service. For the purposes of this lab, we utilized <u>Sandbox SAP</u>.

Overview

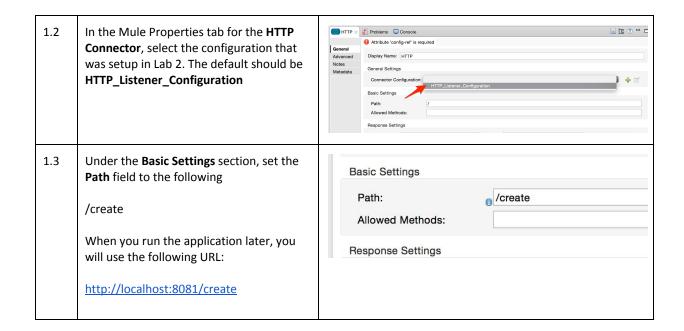
<u>Steps</u>

- 1. Setup HTTP Connector
- 2. Configure SAP Connector
- 3. Use DataWeave to Create an IDoc
- 4. Transform XML to SAP IDoc
- 5. Test Project

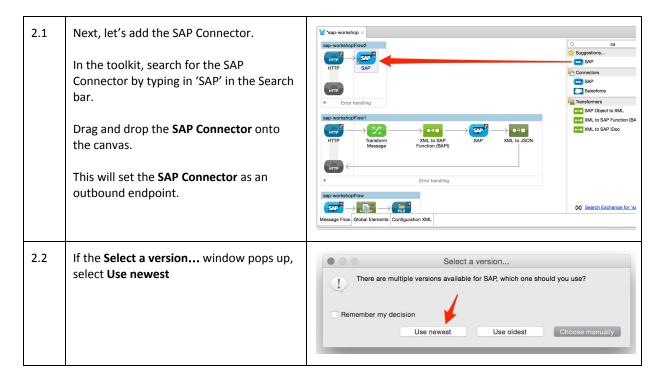
Summary

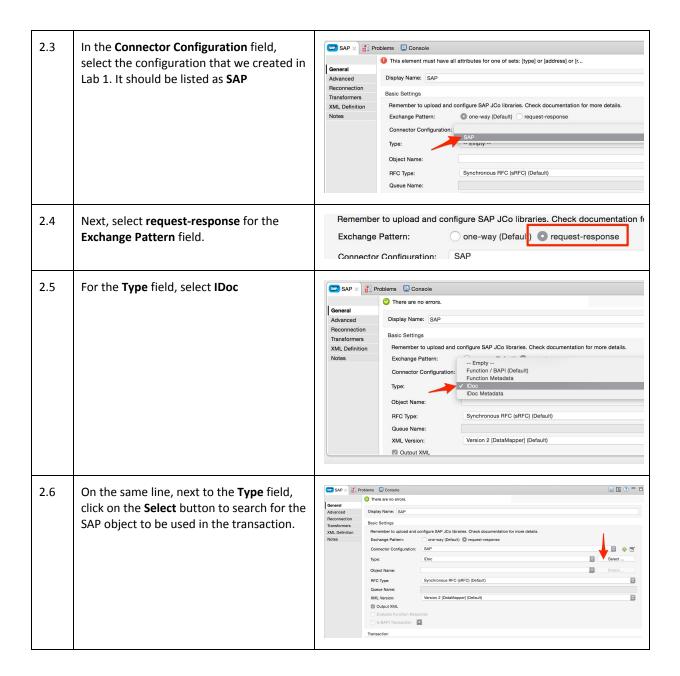
Steps

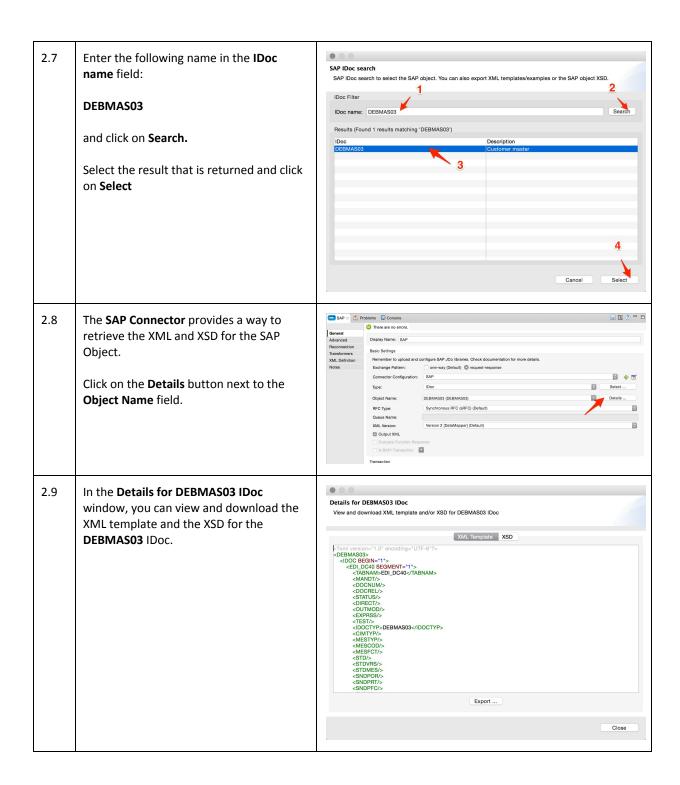
1. Setup HTTP Connector



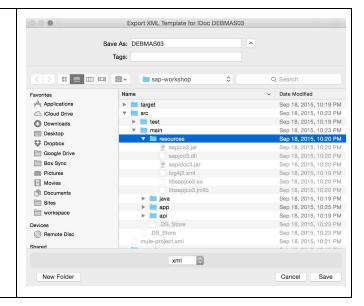
2. Configure SAP Connector



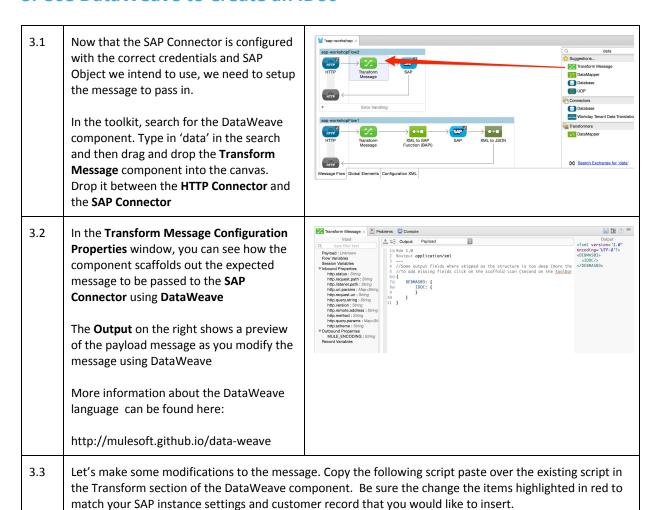




2.10 Click on **Export** and save the XML Template to the **src/main/resources** folder.



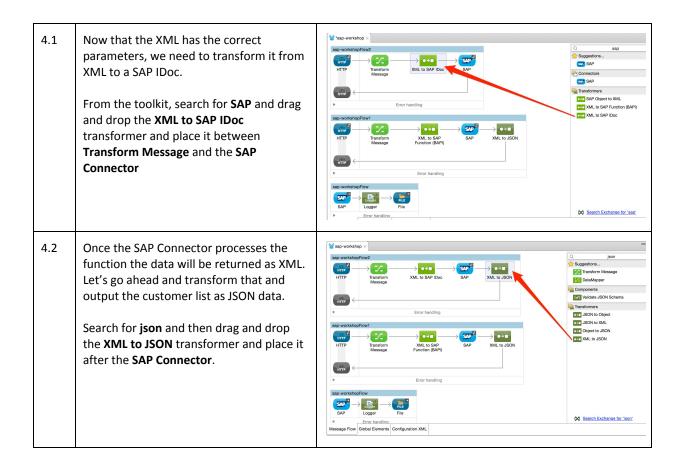
3. Use DataWeave to Create an IDoc



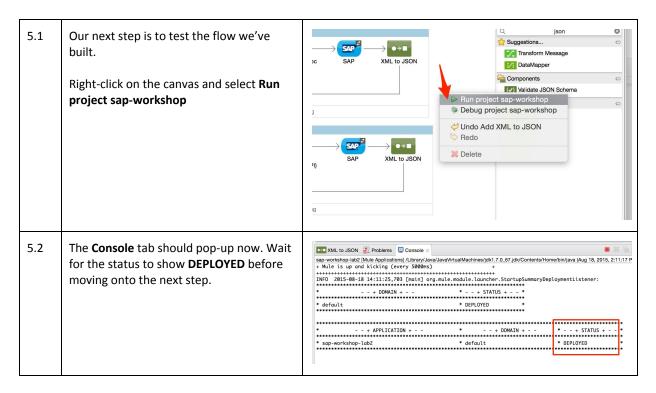
```
%dw 1.0
                                                                               %output application/xml
                                                                               {
                                                                                                                                                        "DEBMAS03":{
                                                                                                                                                                                                                                "IDOC" @(BEGIN: "1"): {
                                                                                                                                                                                                                                                                                                            "EDI_DC40" @(SEGMENT: "1"):{
                                                                                                                                                                                                                                                                                                                                                                                    "TABNAM": "EDI_DC40",
                                                                                                                                                                                                                                                                                                                                                                                       "STATUS": "03",
                                                                                                                                                                                                                                                                                                                                                                                     "DIRECT": "2",
                                                                                                                                                                                                                                                                                                                                                                                       "OUTMOD": "2",
                                                                                                                                                                                                                                                                                                                                                                                       "IDOCTYP": "DEBMAS03",
                                                                                                                                                                                                                                                                                                                                                                                       "MESTYP": "DEBMAS",
                                                                                                                                                                                                                                                                                                                                                                                        "SNDPRT": "LS",
                                                                                                                                                                                                                                                                                                                                                                                        "SNDPRN": "APOCLNT810",
                                                                                                                                                                                                                                                                                                                                                                                        "RCVPRT": "LS",
                                                                                                                                                                                                                                                                                                                                                                                        "RCVPRN": "T90CLNT090"
                                                                                                                                                                                                                                                                                                              "E1KNA1M" @(SEGMENT: "1"): {
                                                                                                                                                                                                                                                                                                                                                                                     "KUNNR": "",
                                                                                                                                                                                                                                                                                                                                                                                       "KTOKD": "0001",
                                                                                                                                                                                                                                                                                                                                                                                        "NAME1": "MULE10",
                                                                                                                                                                                                                                                                                                                                                                                        "STRAS": "123 Main St",
                                                                                                                                                                                                                                                                                                                                                                                       "ORT01": "Chicago",
                                                                                                                                                                                                                                                                                                                                                                                       "PSTLZ": "60605",
                                                                                                                                                                                                                                                                                                                                                                                     "LAND1": "US",
                                                                                                                                                                                                                                                                                                                                                                                     "SPRAS": "E",
                                                                                                                                                                                                                                                                                                                                                                                       "LZONE": "000000001"
                                                                                                                                                                                                                                                                                                         }
                                                                                                                                                       }
                                                                            }
                                                                 Notice how the preview on the right under Output updates the XML message that will be passed to SAP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER TO COMPUTE CONTROL OF COMPUTER CONTROL OF CONT
3.4
                                                                 The script and output should look like the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1⊖%dw 1.0
2 %output application/xml
                                                                 following screenshot.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "DEBMASS": { EGCH: "1"), {
  "IDC" *GCGGERT: "1"), {
  "IDC *GCGGERT: "1"); {
  "IDCGGERT *GCGGGERT: "1"); {
  "IDCGGERT *GCGGGERT: "1"); {
  "IDCGGERT: "2",
  "IDCCTP": "DEBMAS",
  "MESTYP: "DEBMAS",
  "MESTYP: "APGCLITESE",
  "SWDPRIT: "APGCLITESE",
  "KCYPERI: "IDGLITESE",
  "KCYPERI: "KCYPERI: "IDGLITESE",
  "KCYPER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -REVPRINT PROCENT PROC

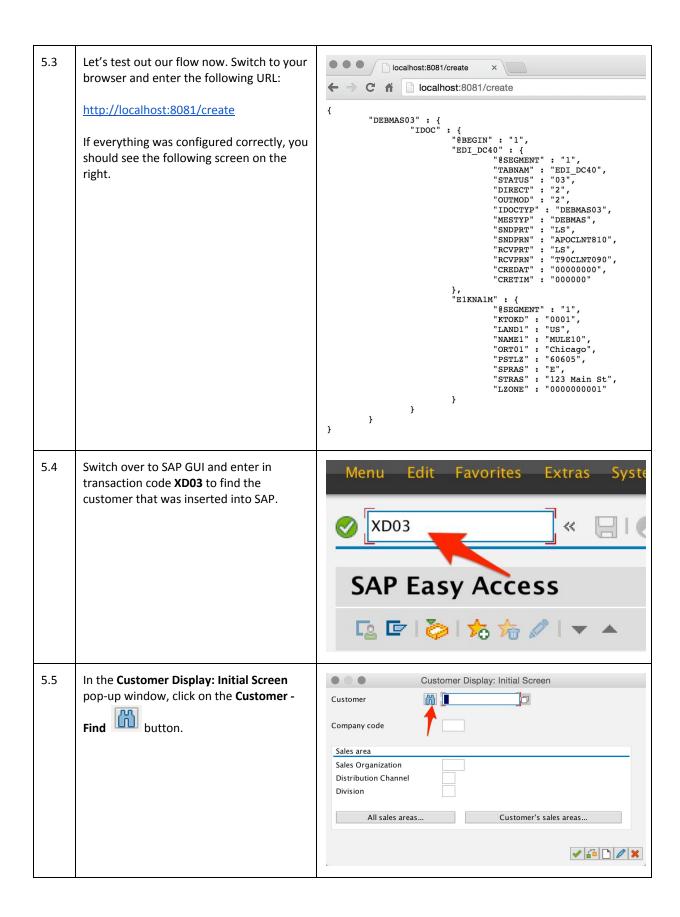
    Preview Structure
```

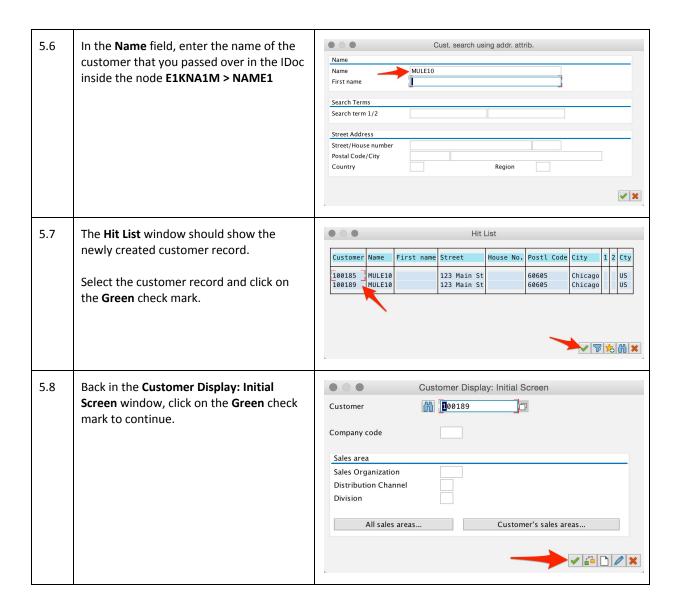
4. Transform XML to SAP IDoc



5. Test Project







5.9 The customer that you inserted using an IDoc will be displayed if everything was 0 configured successfully. Display Customer: General Data 🗂 Other Customer 💖 🔓 Additional Data, Empties Additional Data, DSD 100189 MULE10 Customer Address Control Data Payment Transactions Marketing Export Data Preview Title MULE10 Name Search Terms Street Address 60605 Chicago
US United States Postal Code/City Country 0000000001 Eastern Transportation zone PO Box Postal code

> Communication Language

Mobile Phone Fax E-Mail Data line Telebox Other communication...

Summary

This final lab demonstrated how to build an IDoc and insert a customer into SAP using the SAP Connector and Anypoint Studio.