Multicurrency in Salesforce QuickBooks Integration

Integration from Salesforce to QuickBooks

- If multicurrency is enabled in Salesforce and QuickBooks then, we need to make some changes in DBSync settings and mappings to achieve seamless integration with MultiCurrency.
- Go to www.mydbsync.com and select ***Customer Login***. Enter your ***Username*** and ***Password*** and click on ***Sign in***. Click on ***Launch,*** to launch the DBSync Project page.
- Ensure that Salesforce and QuickBooks connectors are validated. You should have process template **SalesforceQuickBooksBiDirectional.**
- Click on Projects then, select and open the relevant Project. You will see the available processes. Select and open the relevant Process. You will see a list of available Workflows.
- Open workflow **OpportunityToInvoice.** Replace the reader query in the Advanced Query Builder with the following query and then, click on the **Save & Close** button.

```
SELECT
Opportunity.Id,Opportunity.AVSFQB__Primary_Contact__r.FirstName,Opportunity.AVSFQB__Primary_Contact__r.LastName,Opportunity.Owner.QB_SalesRep_ID__c,
Opportunity.AVSFQB__Primary_Contact__r.Email,Opportunity.AVSFQB__QuickBooks_Id__c,Opportunity.AccountId,LastModifiedDate,Opportunity.Account.Id,
Opportunity.Account.CurrencyIsoCode,Opportunity.Account.Name,Opportunity.Account.BillingStreet,Opportunity.Account.BillingCity,
Opportunity.Account.BillingState,Opportunity.Account.BillingPostalCode,Opportunity.Account.BillingCountry,Opportunity.Account.ShippingStreet,
Opportunity.Account.ShippingCity,Opportunity.Account.ShippingState,Opportunity.Account.ShippingPostalCode,Opportunity.Account.ShippingCountry,
Opportunity.Account.Fax,Opportunity.Account.Phone,Name,Description,CloseDate ,(SELECT Quantity,UnitPrice,Description,Opportunity.owner.FirstName,
Opportunity.owner.LastName,Opportunity.Id,Opportunity.CloseDate,PricebookEntry.Name,PricebookEntry.Product2.ProductCode,PricebookEntry.Product2.Name,
PricebookEntry.Product2.Description,PricebookEntry.Product2.Id,PricebookEntry.UnitPrice,PricebookEntry.Product2.AVSFQB__QuickBooks_ItemType__c FROM
OpportunityLineItems)
,Opportunity.Account.AVSFQB__QuickBooks_Id__c,Opportunity.AVSFQB__Generate_Object__c FROM Opportunity where
Opportunity.AVSFQB__Generate_Object__c = 'Invoice'
```

- In the Rules section, you will see a list of 9 Rules. Open the map of the sequence no.1 Rule.
- Add the following mapping in the mapping window and click on the **Save & Close** button.

```
CustomerAddRq/CustomerAdd/CurrencyRef/FullName =
IF(VALUE("Account/CurrencyIsoCode").equals("USD"),"US
Dollar",IF(VALUE("Account/CurrencyIsoCode").equals("GBP"),"British Pound
Sterling",IF(VALUE("Account/CurrencyIsoCode").equals("EUR"),"Euro",IF(VALUE("Account/CurrencyIsoCode").equals("CAD"),"Canadian Dollar",""))))
```

Add the same mapping to following workflows as well if, you are using these workflows in Integration:

- OpportunityToSalesOrder
- OpportunityToSalesReceipt
- OpportunityToEstimate
- OpportunityToCreditMemo

Integration from QuickBooks to Salesforce

- If QuickBooks is enabled with Multi-Currency then, the following changes need to be made to the mappings in DBSync.
- Go to www.mydbsync.com and select ***Customer Login***. Enter your ***Username*** and ***Password*** and click on ***Sign in***. Click on ***Launch*** to launch the DBSync Project page.
- Ensure that the Salesforce and QuickBooks connectors are validated. You should have process template **SalesforceQuickBooksBiDirectional.**
- Click on Projects, select and open the relevant Project. You will see the available processes. Select and open the relevant Process. You will see a list of available Workflows.
- Open workflow **CustomerToAccount**. In Rules Section, Open the Mapping for "**Sequence No 1"**
- Open workflow **InvoiceToOpportunity.** In the Rules section, open the mapping for **"Sequence No 1 and 2"**.
- Add the mapping where target field = **"CurrencyIsoCode"** and add the following code under source field:

```
IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").equals("
US Dollar"),
"USD",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("British Pound Sterling"),
"GBP",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("Euro"),
"EUR",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("Canadian Dollar"),"CAD",""))))
```

- Similarly, open the mapping for **"Sequence No 5"** in the new window/tab.
- Add the mapping where target field = **"CurrencyIsoCode".** Then, add the following code under source field:

```
IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").equals("
US Dollar"),
"USD",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("British Pound Sterling"),
"GBP",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("Euro"),
"EUR",IF(VALUE("CustomerRef/FullName/CustomerRet/CurrencyRef/FullName").eq
uals("Canadian Dollar"),"CAD",""))))
```

- Double-click on the process flow, "**BiDirectionalSync".** Then, open the **"InvoiceToInvoice"** state. Open the mapping **"Sequence No 1"** and add the same mapping as shown in the example above.
- This completes the Multicurrency customizations.