

Multicurrency in Salesforce QuickBooks Integration

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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, Opportunit
y.AVSFQB__Primary_Contact__r.LastName, Opportunity.Owner.QB_SalesRep_ID__c,
Opportunity.AVSFQB__Primary_Contact__r.Email, Opportunity.AVSFQB__QuickBook
s_Id__c, Opportunity.AccountId, LastModifiedDate, Opportunity.Account.Id,
Opportunity.Account.CurrencyIsoCode, Opportunity.Account.Name, Opportunity.A
ccount.BillingStreet, Opportunity.Account.BillingCity,
Opportunity.Account.BillingState, Opportunity.Account.BillingPostalCode, Opp
portunity.Account.BillingCountry, Opportunity.Account.ShippingStreet,
Opportunity.Account.ShippingCity, Opportunity.Account.ShippingState, Oppor
tunity.Account.ShippingPostalCode, Opportunity.Account.ShippingCountry,
Opportunity.Account.Fax, Opportunity.Account.Phone, Name, Description, CloseDa
te , (SELECT Quantity, UnitPrice, Description, Opportunity.owner.FirstName,
Opportunity.owner.LastName, Opportunity.Id, Opportunity.CloseDate, PricebookE
ntry.Name, PricebookEntry.Product2.ProductCode, PricebookEntry.Product2.Name,
PricebookEntry.Product2.Description, PricebookEntry.Product2.Id, PricebookEn
try.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(VALU
E("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.