Line Loop – Example – Automatically update line Item based on a value in User Defined Field

Summary	
Module	Universal functions
Level	Advanced
Requirements	B1UP 2015.08 or higher

Description

This example show how we can let the system automatically update all line item's tax when adding or updating a marketing document based on a value in a UDF entered by user.

Pre-Requisite

A User Defined Field is to be set up in the marketing document Title. You can choose either to leave it in the side panel or move it to the main window. In this example, we chose to move it to the main window at the footer.

B1 Validation Configuration

We will first create a Validation that checks if the UDF is blank when user presses Add or Update. It's because if it is blank then there is no need to run the Update and it will save processing time. (Hint: this step can be eliminated if you force the user to put in the tax code value every time by using our Mandatory Field function to make this UDF mandatory)

B1 Usability Package Sample

SQL Condition query is as follows:

IF($[$BOYX_3.0.0] <> '') --If the UDF Tax Code is not blank
BEGIN
SELECT 'UPDATE' FOR BROWSE
END

Universal Functions

Then in the Function to execute, we will use a Line Loop and a macro to update the tax code as the UDF value. In this case only a Line UF is required.

The Line UF is a Macro as follows:
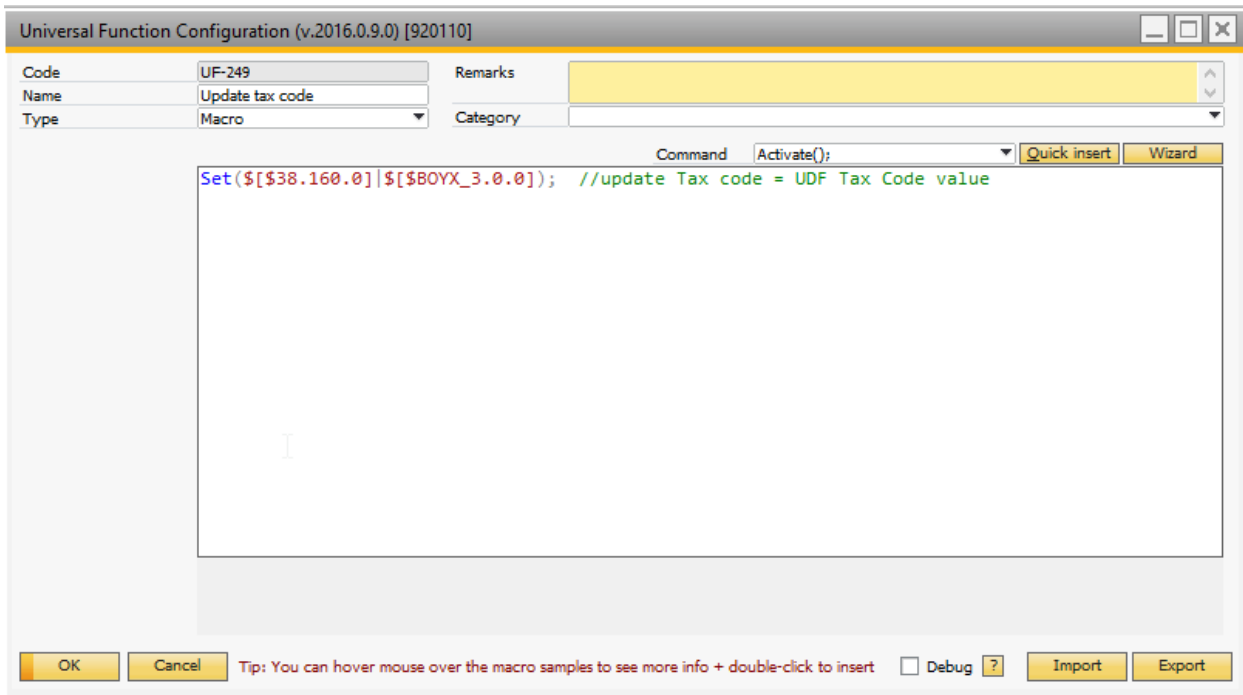
The Macro syntax is as follows:

Set($[$38.160.0]|$[$BOYX_3.0.0]); //update Tax code = UDF Tax Code value

Result

After the Tax Code UDF has a value, when user is Adding a document or Updating a document, system will execute the line loop function and update every line in the document.