# 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.

1	Cor	ntent	s	Logistics	Ac	counting	iF	ayment	Attack	hment	s
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4		•	A00004	HP Color Laser	1	500.00 \$	0.000	🔿 PA	500.00 \$	; 🔿 (	01
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## **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

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		•••						
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		Value	Type   Execute function		String (0)	•	L	
Use ; to target multiple Forms/Items/Menus		) <u>sq</u> l	Condition	Common SQL struct	ures			
Add/Update				Code is not blank				~
Item Pressed [Click on buttons, ect.]								
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## 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.

Code	UF	-250		Re	emarks						
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	-	Result	First pas	IS UF	Line UF	Final result value			type 🔻	Break loop	
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Final result	-	Result	First pas	ss UF Value Ty			Сотра		type Universal Fur		
inal result	-			Value Ty	pe	Compare type	Compa	Overwrite	▼ 		4
Final result	-	Condition		Value Ty	pe	Compare type	Compa	Overwrite	▼ 		

The Line UF is a Macro as follows:

Universal Function Co	onfiguration (v.2016.0.9.0) [920	110]	
Code	UF-249	Remarks	0
Name	Update tax code		
Туре	Macro 🔻	Category	*
		Command Activate();	Wizard
	Set(\$[\$38.160.0] \$[\$BO	<pre>YX_3.0.0]); //update Tax code = UDF Tax Code value</pre>	
	I		
OK Cance	el Tip: You can hover mouse o	over the macro samples to see more info + double-click to insert Debug ? Import	Export

## 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.

JUSIO	mer		C20000	-		No. Prim	ary	383		Add Frt Charge
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Custor	mer Ref.					Delivery Date		07/10/2016		Rental Order
ocal (	Currenc	y i	*			Document Da		07/10/2016		
						Rental Docum	ent	No	•	zero price lines
										SQL Report 1
_						9	Search line		Search	SQL Report 2
	Con	tents	Logistics	Ac	counting	i	Payment	Attachr	nents	SQL Report 3
Item	/Servic	е Туре	Item			Summary Ty	/pe	No Summary	•	Simple Chart
#	Type	Item No.	Item Descr	i Quantity	Unit P	Discount %	VAT	Total (LC)	Whse 🔼	
1		⇒ A0000	1 IBM Infopr	int1 1	400.00 \$	\$ 0.000	📫 PA	400.00 \$	01	
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