

## Line Loop – Samples – Transfer lines

Summary	
<b>Module</b>	Universal functions
<b>Level</b>	Advanced
<b>Requirements</b>	B1UP 3.6.0.0 or higher

### Description

This sample will show you how to transfer multiple lines from one window to another, using complex rules for the lines.

### Function Button

Buttons - Configuration

Code: FB-007      Users (Empty = All) [Users list]

Formtype: 139       Include users     Exclude users

Description: Sales Order

Formwidth: 600      (Use only on sizeable forms)

Formheight: 560      (Use only on sizeable forms)

Buttonwidth:      (If nothing entered: 100 pixel)

Buttons (Buttons without name is not shown)

	Item	Col.	Iden.	Arguments	Universal Function
1:	Transfer Lines	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Function → UF-198
2:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
3:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
4:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
5:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
6:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
7:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
8:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
9:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search
10:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Formatted Search

Active

OK    Cancel    Import    Export

We set up a simple button that launch the functionality.

## Universal Function

The screenshot shows the 'Universal Function Configuration' window. The 'Code' is 'UF-198' and the 'Name' is 'Transfer Lines'. The 'Type' is 'Line Loop'. The 'Line item UID' is '38'. There are checkboxes for 'Ignore last line' and 'Ignore text-lines/sub-totals (Docs only)'. The 'Direction' is 'First to last'. The 'SQL Condition' is:
 

```
IF(SELECT ${38.1.0}) <> 'Freight'
BEGIN
SELECT 'Transfer' FOR BROWSE
END
```

 Below the SQL condition is a table for 'Result' with columns: Result, First pass UF, Line UF, Final result value, Final result type, Break loop. The first row shows 'Transfer' with 'UF-199' as the first pass UF and 'UF-200' as the line UF. The final result type is 'Append'. There are 'Add' and 'Remove' buttons for this table. Below that is a table for 'Final result' with columns: Condition, Value type, Compare type, Compare value, Universal Function. The first row shows 'Do not execute' as the condition and 'Result as string' as the value type. There are 'Add' and 'Remove' buttons for this table. At the bottom are 'OK', 'Cancel', 'Import', and 'Export' buttons.

Here we set up the validation. The Line item Uid is set to **38** because this is the Matrix Item uid of the Sales order.

If the sample we do not simply want to transfer all lines, but only the lines passing the following criteria:

1. If the item we hit is not a Freight item

We do this by applying the following SQL condition (still simple here but you can make it as complex as you like using the SQL).

**IF(SELECT \${38.1.0}) <> 'Freight'**

**BEGIN**

**SELECT 'Transfer' FOR BROWSE**

**END**

If the condition is met we use the first Pass/Line UF system to transfer the lines, The very first time a line is found UF-0108 are executed (A simple macro opening the Purchase order window and transfer some header data). Afterward and for additional lines in the loop the Line UF is executed (In this cas a macro that takes care of the transfer between the two windows)

Universal Function Configuration			
Code	UF-199	Remarks	
Name	First Pass		
Type	Macro		
<pre>Activate(2305); //Open purchase order SET(\$[4.0.0] V10000); //Set fixed supplier Transfer(SQL:SELECT 'Based on SO '+\$[8.0.0] \$[16.0.0]); //Transfer SO number to PO</pre>			

Universal Function Configuration			
Code	UF-200	Remarks	
Name	Line Pass		
Type	Macro		
<pre>Transfer(\$[38.1.0] \$[38.1.0]); //Transfer item Transfer(\$[38.11.0] \$[38.11.0]); //Transfer Qty</pre>			

If this case we do not wish to have a final result...

### Result

Here we have a Salesorder with some random lines

Sales Order

Customer: C20000, Name: Norm Thompson, Contact Person: Norm Thompson, Customer Ref. No.: , Local Currency: , No.: Primary 72, Status: Open, Posting Date: 01/05/11, Delivery Date: 01/05/11, Document Date: 01/05/11

Transfer Lines

Contents | Logistics | Accounting

#	Type	Item No.	Item Description	Quantity	Unit Price	D...	
1		A00001	IBM Inforprint 1318XXZ	2	USD 700.00	5.0	
2		A00002	IBM Infoprint 1222	1	USD 400.00	5.0	
3	T	Some Text					
4		A00003	IBM Infoprint 1226	1	USD 450.00	5.0	
5		A00004	HP Color LaserJet 5	1	USD 500.00	5.0	
6	Σ	Subtotal					
7		A00005	HP Color Laser Jet 4	1	USD 480.00	5.0	
8		freight	Freight	1	USD 10.00	5.0	
9						0.0	

Sales Employee: Bill Levine, Owner: Levine, Bill

Remarks:

Total Before Discount: USD 3078.00  
 Discount: %  
 Freight: USD 5.00  
 Rounding  
 Tax: USD 292.41  
 Total: USD 3375.41

OK Cancel Copy From Copy To

Since we are not transferring textlines and sub-total (not supported) nor do we transfer lines with itemcode freight we should expect to transfer line 1, 2, 4, 5, and 7. Pressing the button transfer lines will do exactly that

Purchase Order - Blanket

Vendor: V10000  
 Name: Acme Associates  
 Contact Person: Mark Killingsworth  
 Vendor Ref. No.:  
 BP Currency: USD

No. Primary 13 - 0  
 Status: Open  
 Posting Date: 01/05/11  
 Delivery Date: 01/05/11  
 Document Date: 01/05/11

Contents | Logistics | Accounting

Item/Service Type: Item Summary Type: No Summary

#	Item No.	Item Description	Quantity	Price after Discount	Tax ...	Total (LC)	TEST
1	A00001	IBM Infoprint 1318XXXZ	2	USD 700.00		USD 1400.00	
2	A00002	IBM Infoprint 1222	1	USD 400.00		USD 400.00	
3	A00003	IBM Infoprint 1226	1	USD 450.00		USD 450.00	
4	A00004	HP Color LaserJet 5	1	USD 500.00		USD 500.00	
5	A00005	HP Color Laser Jet 4	1.000	USD 480.00		USD 480.00	
6							

Buyer: Sales Manager  
 Owner: Manager, Sales

Remarks: Based on SO 72

Total Before Discount: USD 3230.00  
 Discount: %  
 Freight: →  
 Rounding: USD 0.00  
 Tax:  
 Total Payment Due: USD 3230.00

Add Cancel Copy To