

Addition of Fields in Line Item Display Report Output for TCode FBL1N/FBL5N



Applies to:

Any business user who uses the transactions FBL1N and FBL5N to display line item reports for vendors and customers.

Summary

This article provides the step by step configuration details for addition of additional fields for user selection in the line item report display in the transaction FBL1N (Vendors) and FBL5N (Customers). The additional fields are those fields which are generally not available for user selection in the report outputs and are required to be added through configuration.

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Author Bio

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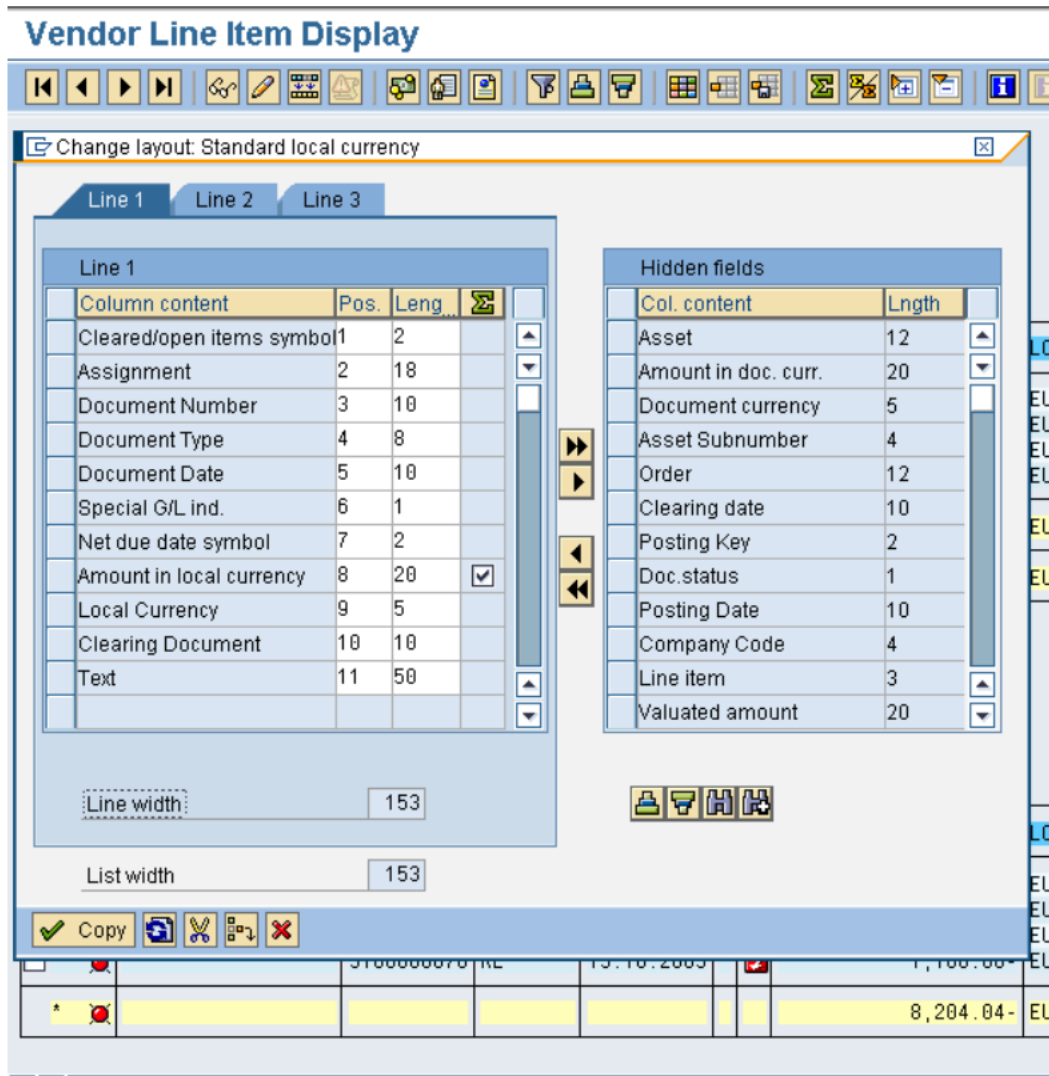
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Introduction

The transactions FBL1N and FBL5N are used to display reports on line item details for vendor or customer respectively. Once the report is run there are few fields which are automatically displayed in the report output.

Also in case users require additional fields to be displayed the same can be added in the report output for display and sorting using the change layout mode and by adding the hidden fields to the displayed fields list.



However in certain cases user requests for additional fields which are not present in the hidden fields list to be made available for user selection in the report output. The article gives details on the configuration steps involved for achieving the user requirement.

The configuration steps will help consultants to satisfy the user requirements of the additional fields being added to both FBL1N and FBL5N transaction report outputs.

Solution

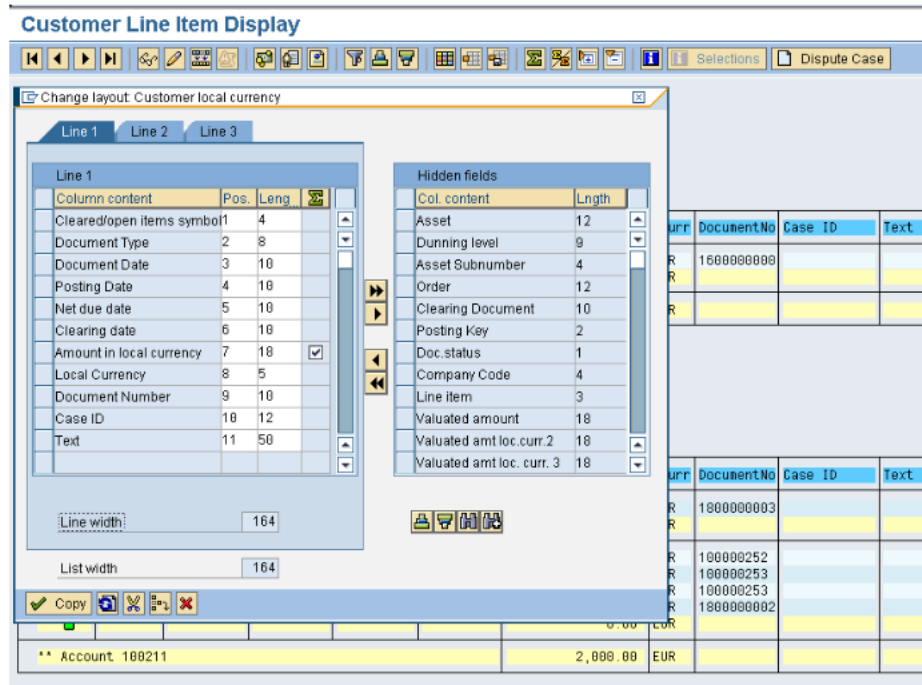
As per the requirements given earlier the user required additional fields would not be available in the standard additional fields list, the same need to be added in Configuration (SPRO) level. An important point to note is that the table to which the entries are added is a cross client table.

Requirements

The fields we will configure to achieve the configuration as examples are the following fields:

- Quantity (BSEG - MENGE)
- Payment Amount (BSEG - NEBTR)

As per user requirement when the user runs the reports in FBL1N and FBL5N the above two fields are not available for user selection in the change display mode list.



(Report Output of Customer Line Item Display – FBL5N)

Vendor Line Item Display

Change layout: Standard local currency

Line 1 Line 2 Line 3

Column content	Pos.	Leng
Cleared/open items symbol	1	2
Assignment	2	18
Document Number	3	18
Document Type	4	8
Document Date	5	18
Special G/L ind.	6	1
Net due date symbol	7	2
Amount in local currency	8	28
Local Currency	9	5
Clearing Document	10	18
Text	11	50

Line width: 153

List width: 153

Copy

Col. content	Length
Asset	12
Amount in doc. curr.	20
Document currency	5
Asset Subnumber	4
Order	12
Clearing date	10
Posting Key	2
Doc. status	1
Posting Date	10
Company Code	4
Line item	3
Valuated amount	20

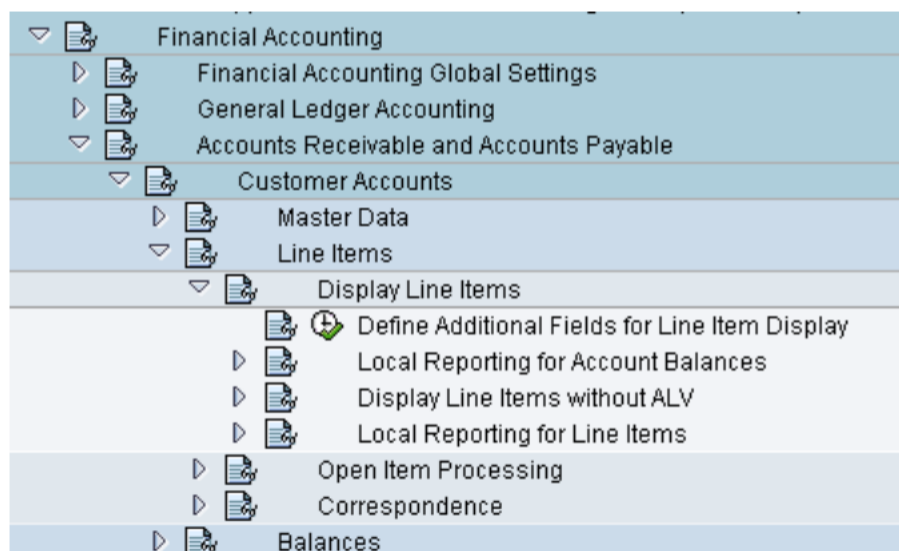
Document Number	Date	Amount
8000000000	13.10.2003	1,100.00
		8,204.84

(Report Output of Vendor Line Item Display – FBL1N)

Steps Involved

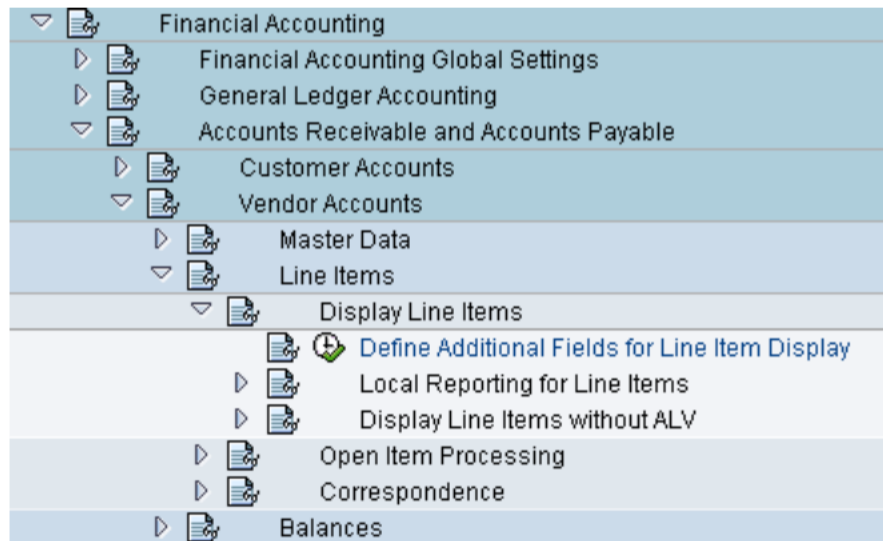
Step 1 – We would need to add the two required fields from the table BSEG in the table for additional fields display. The table is cross client and as per requirement can be added in the table available in the following path in SPRO settings.

For Customer - Path - Financial Accounting > Accounts Receivable and Accounts Payable > Customer Accounts > Line Items > Display Line Items > Define Additional Fields for Line Item Display



OR

For Vendor - Path - Financial Accounting > Accounts Receivable and Accounts Payable > Vendor Accounts > Line Items > Display Line Items > Define Additional Fields for Line Item Display



Step 2 – In the above path there needs to be additional new entries created for the required additional fields in the table Change View “Line Layout Variant Special Fields”.

Change View "Line Layout Variant Special Fields": Overview

New Entries			
BC Set: Change Field Values			
Table	Field name	Field Label	
BSEG	BEWAR	Transaction Type	
BSEG	EBELN	Purchasing Document	
BSEG	EBELP	Item	
BSEG	EMPFB	Payee	
BSEG	KUNNR	Customer	
BSEG	LANDL	Supplying Cntry	
BSEG	LIFNR	Vendor	
BSEG	LZBKZ	SCB Indicator	
BSEG	PERNR	Personnel Number	
BSEG	AMT	Pmnt curr. amnt	
BSEG	PYCUR	Pmnt currency	
BSEG	QSSKZ	Withholding Tax Code	
BSEG	REBZG	Invoice reference	
BSEG	SKNT2	LC2 cash disc.amnt	
BSEG	SKNT0	Cash discount amount	
BSEG	XREF1	Reference key 1	
BSEG	XREF2	Reference key 2	

Position... Entry 13 of 31

Step 3 - After saving the data we would need to rerun the TCode FBL1N for vendor line item display and FBL5N for customer line item display. The two fields would now be available for user selection in the change layout mode and can be added to the report output list from the hidden fields list.

Vendor Line Item Report

- FBL1N – Executed:

Vendor Line Item Display

Vendor: 2
Company Code: 1000
Name: Electronic Components Distributor
City: FOSTER CITY

St	Assignment	DocumentNo	Type	Doc. Date	S	DD	Amount in local cur.	LCurr	Clrng doc.	Text
	01000000822010	100000082	KR	09/15/2010			10,000.00-	EUR		TEST -1
	01000000832010	100000083	KR	09/15/2010			10,000.00-	EUR		TEST -2
	01000000842010	100000084	KR	09/15/2010			10,000.00-	EUR		TEST -3
	01000000852010	100000085	KR	09/15/2010			10,000.00-	EUR		TEST -4
*							40,000.00-	EUR		
**	Account 2						40,000.00-	EUR		

Vendor: 15
Company Code: 1000
Name: Tiedemeier Entsorgung GmbH
City: Berlin

St	Assignment	DocumentNo	Type	Doc. Date	S	DD	Amount in local cur.	LCurr	Clrng doc.	Text
		100000076	KR	08/11/2010			5,000.00-	EUR		
		190000002	KR	05/17/2010			1,500.00-	EUR		
		510000000	RE	02/08/2005			544.04-	EUR		
		510000078	RE	10/13/2005			1,160.00-	EUR		Testing
*							8,204.04-	EUR		

- FBL1N – Change Mode activated by clicking on change layout button(Ctrl + F8), the two new fields are selected from hidden fields list and the copy button clicked:

Vendor Line Item Display

Change layout: Standard local currency

Line 1 Line 2 Line 3

Line 1

Column content	Pos.	Leng.
Cleared/open items symbol	1	2
Assignment	2	18
Document Number	3	10
Document Type	4	8
Document Date	5	10
Special G/L ind.	6	1
Net due date symbol	7	2
Amount in local currency	8	20
Local Currency	9	5
Clearing Document	10	10
Text	11	50

Line width: 153

List width: 153

Hidden fields

Col. content	Length
Quantity	17
Payment amount	16
Personnel Number	8
Withholding Tax Code	2
LC2 cash disc.amnt	16
Check encashment date	10
Check number from	13
Produktionsmonat	9

Copy

St	Assignment	DocumentNo	Type	Doc. Date	S	DD	Amount in local cur.	LCurr	Clrng doc.	Text
		510000076	RE	10/13/2005			1,160.00-	EUR		
*							8,204.04-	EUR		

- FBL1N – the two new fields are added to the report output:

Vendor Line Item Display									
<div> </div>									
Vendor		2							
Company Code		1000							
Name		Electronic Components Distributor							
City		FOSTER CITY							
Date	S	DD	Amount in local cur.	LCurr	Clrng doc.	Text	Quantity	Payment amount	
5/2010			10,000.00-	EUR		TEST -1	0.000	0.00	
5/2010			10,000.00-	EUR		TEST -2	0.000	0.00	
5/2010			10,000.00-	EUR		TEST -3	0.000	0.00	
5/2010			10,000.00-	EUR		TEST -4	0.000	0.00	
*			40,000.00-	EUR					
**			40,000.00-	EUR					
Vendor		15							
Company Code		1000							
Name		Tiedemeier Entsorgung GmbH							
City		Berlin							
Date	S	DD	Amount in local cur.	LCurr	Clrng doc.	Text	Quantity	Payment amount	
1/2010			5,000.00-	EUR			0.000	0.00	
7/2010			1,500.00-	EUR			0.000	0.00	
8/2006			544.04-	EUR			0.000	0.00	
3/2005			1,160.00-	EUR		Testing	0.000	0.00	
*			8,204.04-	EUR					

Customer Line Item Report

- FBL5N – Executed:

Customer Line Item Display											
<div> </div>											
Customer		143									
Company Code		1000									
Name		harsh bansal									
City		fghdfggfh									
Stat	Type	Doc. Date	Pstng Date	Net due dt	Clearing	Amt in loc. cur.	LCurr	DocumentNo	Case ID	Text	
	DG	01/13/2011	01/13/2011	01/13/2011		100.00-	EUR	1600000000			
*						100.00-	EUR				
** Account 143						100.00-	EUR				
Customer		100211									
Company Code		1000									
Name		XYZ									
City		BANGALORE									
Stat	Type	Doc. Date	Pstng Date	Net due dt	Clearing	Amt in loc. cur.	LCurr	DocumentNo	Case ID	Text	
	DZ	12/26/2010	12/26/2010	12/26/2010	12/31/2010	1,000.00-	EUR	100000252			
	AB	12/31/2010	12/31/2010	12/31/2010	12/31/2010	1,000.00-	EUR	100000253			
	AB	12/31/2010	12/31/2010	12/31/2010	12/31/2010	1,000.00-	EUR	100000253			
	DR	12/01/2010	12/01/2010	12/01/2010	12/31/2010	1,000.00-	EUR	1800000002			
	DR	12/25/2010	12/25/2010	12/25/2010	02/02/2011	2,000.00-	EUR	1800000003			
	DZ	02/02/2011	02/02/2011	02/02/2011	02/02/2011	1,000.00-	EUR	1000000029			
	DZ	02/02/2011	02/02/2011	02/02/2011	02/02/2011	1,000.00-	EUR	1000000030			
*						0.00	EUR				
** Account 100211						0.00	EUR				

- FBL5N – Change Mode activated by clicking on change layout button(Ctrl + F8), the two new fields are selected from hidden fields list and the copy button clicked:

Customer Line Item Display

Change layout: Customer local currency

Line 1 Line 2 Line 3

Line 1

Column content	Pos.	Length
Cleared/open items symbol	1	4
Document Type	2	8
Document Date	3	10
Posting Date	4	10
Net due date	5	10
Clearing date	6	10
Amount in local currency	7	18
Local Currency	8	5
Document Number	9	10
Case ID	10	12
Text	11	50

Line width 164

List width 164

☒ Copy

Hidden fields

Col. content	Length
Supplying Cntry	7
Vendor	10
SCB Indicator	6
Quantity	17
Payment amount	16
Personnel Number	8
Withholding Tax Code	2
LC2 cash disc.amnt	16
Check encashment date	10
Check number from	13
Produktionsmonat	9

Company Code

Name *

City *

- FBL5N – the two new fields are added to the report output:

Customer	143
Company Code	1000
Name	harsh bansal
City	fghdfggfh

	Amt in loc.cur.	LCurr	DocumentNo	Case ID	Text	Quantity	Payment amount
	100.00-	EUR	1600000000			0.000	0.00
*	100.00-	EUR					
**	100.00-	EUR					

Customer	100211
Company Code	1000
Name	XYZ
City	BANGALORE

	Amt in loc.cur.	LCurr	DocumentNo	Case ID	Text	Quantity	Payment amount
	1,000.00-	EUR	100000029			0.000	1,000.00-
	1,000.00-	EUR	100000030			0.000	1,000.00-
	1,000.00-	EUR	100000252			0.000	1,000.00-
	1,000.00	EUR	100000253			0.000	0.00
	1,000.00-	EUR	100000253			0.000	0.00
	1,000.00	EUR	1800000002			0.000	0.00
	2,000.00	EUR	1800000003			0.000	0.00
*	0.00	EUR					
**	0.00	EUR					

Note: There might be occasions where even after adding the line items in the configuration the same might not be visible for selection, in that case execute the program BALVBUDEL (Tcode SE38), and then go back to the reports.

The above steps described would help the consultant to add the user requested fields in the line item report output display. However incase the user requires the additional fields to be added to the dynamic selection part in the TCode FBL1N / FBL5N, then further configurations are required.

Additional Information

There might be occasions where the user requires some fields to be added which are not available in the standard SAP SPRO configurations. In that case ABAP development would be required to add the requested fields in the line item display. This would need the following steps:

- Append structure RFPOS/RFPOSX with additional fields
- Run the report RFPOSXEXTEND in order to update the structure RFPOSXEXT from RFPOSX
- Fill the field value with BTE 00001650 and active the BTE

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