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How to Use the PLD Variables File

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How to Use the PLD Variables File

Introduction

PLD users and layout designers are often at a loss when preparing a new layout or trying to modify an existing layout. This is because until now no information was provided as to the type of variables, their restrictions, and usage in a specific layout.

This How to Guide provides a simple scenario to help you understand the function of variables you may want to add. Use the information here instead of performing a trial-and-error process in layout customization.




This document is written with PLD_Vars.xls file version 2007 A, March 2007.

Getting the Layout Template Code

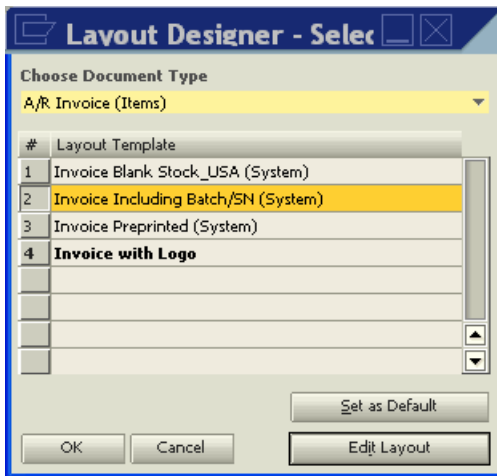
Use

The layout template code (Document ID) is your starting point for getting more information on this layout template.

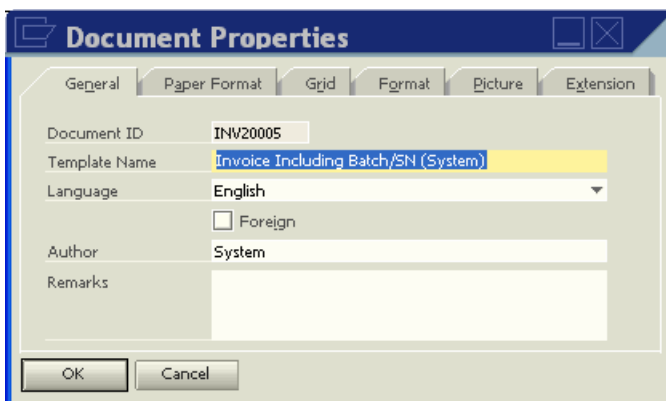
Procedure

1. Open the required document or report, for example, *Invoice*.
2. Choose the  icon on the tool bar.

The *Layout Designer* window opens displaying both the SAP Business One default print templates and the user-created templates.



3. Select the template you want to edit and double-click it to open the *Print Layout Designer*.
4. To get the template code, from the *Print Layout Designer* menu, select *Display Document Properties*.



5. Write down the *Template Name* and the first four characters that appear in the *Document ID* field on the *General Tab*.

The four characters stand for document type code and combine two elements:

- Document type
For example, *INV* stands for Invoice.
- Item type (2) or Service type (1)

Working with the PLD_Vars.xls File

Prerequisites

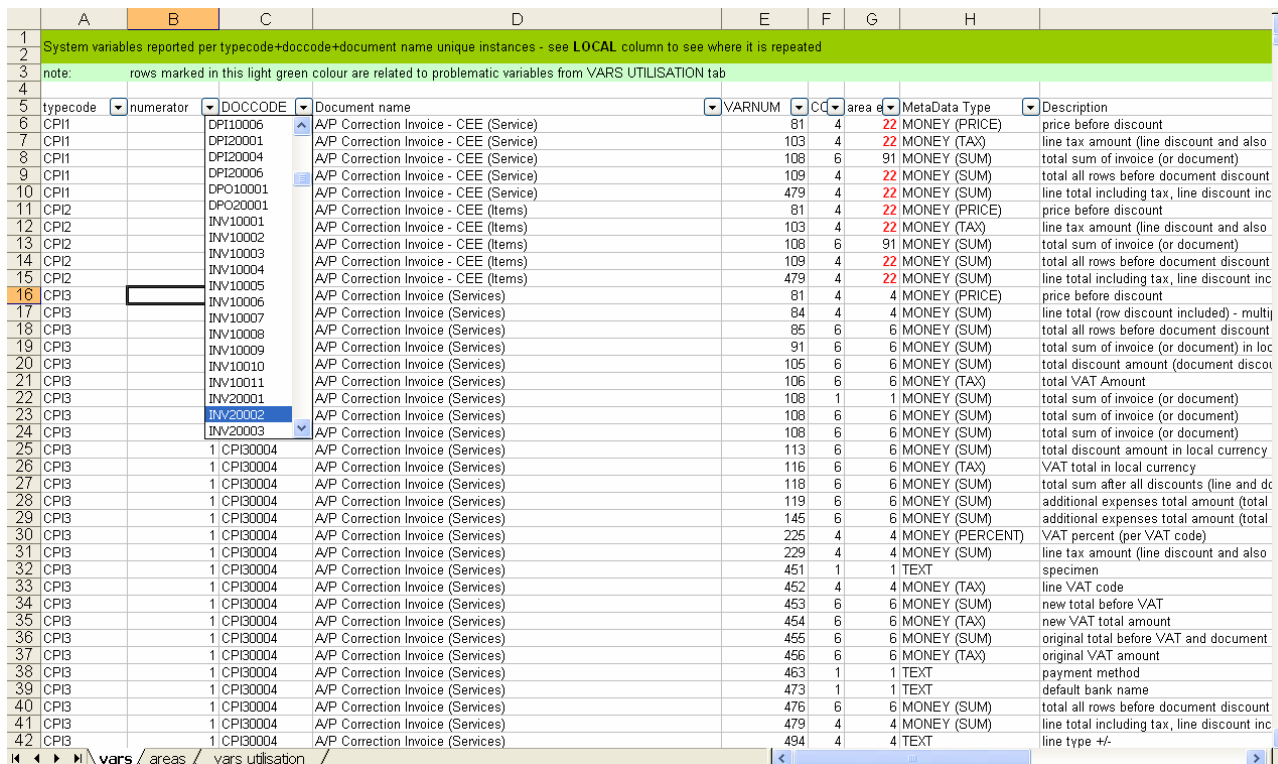
You have a copy of the PLD_Vars.xls file.

Use

The PLD_Vars.xls file contains detailed information on all the variables in all the system layout templates. You use this file to learn which variables are available for a specific layout and the restrictions on a specific variable.

Procedure

1. Open the *PLD_Vars.xls* file and choose the *Vars* sheet.
2. Do the following:
 - a. Filter the *TypeCode* column by the document type code.
 - b. Filter the *Document Name* column by the *Template Name*.
 - c. In the *Local* column, filter out your country code.



typecode	numerator	DOCCODE	Document name	VARNUM	CC	area	MetaData Type	Description
CPI1		DP110006	A/P Correction Invoice - CEE (Service)	81	4	22	MONEY (PRICE)	price before discount
CPI1		DP120001	A/P Correction Invoice - CEE (Service)	103	4	22	MONEY (TAX)	line tax amount (line discount and also
CPI1		DP120004	A/P Correction Invoice - CEE (Service)	108	6	91	MONEY (SUM)	total sum of invoice (or document)
CPI1		DP120006	A/P Correction Invoice - CEE (Service)	109	4	22	MONEY (SUM)	total all rows before document discount
CPI1		DPO10001	A/P Correction Invoice - CEE (Service)	479	4	22	MONEY (SUM)	line total including tax, line discount inc
CPI2		DPO20001	A/P Correction Invoice - CEE (Items)	81	4	22	MONEY (PRICE)	price before discount
CPI2		INV10001	A/P Correction Invoice - CEE (Items)	103	4	22	MONEY (TAX)	line tax amount (line discount and also
CPI2		INV10002	A/P Correction Invoice - CEE (Items)	108	6	91	MONEY (SUM)	total sum of invoice (or document)
CPI2		INV10003	A/P Correction Invoice - CEE (Items)	109	4	22	MONEY (SUM)	total all rows before document discount
CPI2		INV10004	A/P Correction Invoice - CEE (Items)	479	4	22	MONEY (SUM)	line total including tax, line discount inc
CPI3		INV10005	A/P Correction Invoice (Services)	81	4	4	MONEY (PRICE)	price before discount
CPI3		INV10006	A/P Correction Invoice (Services)	84	4	4	MONEY (SUM)	line total (row discount included) - multi
CPI3		INV10007	A/P Correction Invoice (Services)	85	6	6	MONEY (SUM)	total all rows before document discount
CPI3		INV10008	A/P Correction Invoice (Services)	91	6	6	MONEY (SUM)	total sum of invoice (or document) in loc
CPI3		INV10009	A/P Correction Invoice (Services)	105	6	6	MONEY (SUM)	total discount amount (document discou
CPI3		INV10010	A/P Correction Invoice (Services)	106	6	6	MONEY (TAX)	total VAT Amount
CPI3		INV20001	A/P Correction Invoice (Services)	108	1	1	MONEY (SUM)	total sum of invoice (or document)
CPI3		INV20002	A/P Correction Invoice (Services)	108	6	6	MONEY (SUM)	total sum of invoice (or document)
CPI3		INV20003	A/P Correction Invoice (Services)	108	6	6	MONEY (SUM)	total sum of invoice (or document)
CPI3	1	CPI30004	A/P Correction Invoice (Services)	113	6	6	MONEY (SUM)	total discount amount in local currency
CPI3	1	CPI30004	A/P Correction Invoice (Services)	116	6	6	MONEY (TAX)	VAT total in local currency
CPI3	1	CPI30004	A/P Correction Invoice (Services)	118	6	6	MONEY (SUM)	total sum after all discounts (line and dc
CPI3	1	CPI30004	A/P Correction Invoice (Services)	119	6	6	MONEY (SUM)	additional expenses total amount (total
CPI3	1	CPI30004	A/P Correction Invoice (Services)	145	6	6	MONEY (SUM)	additional expenses total amount (total
CPI3	1	CPI30004	A/P Correction Invoice (Services)	225	4	4	MONEY (PERCENT)	VAT percent (per VAT code)
CPI3	1	CPI30004	A/P Correction Invoice (Services)	229	4	4	MONEY (SUM)	line tax amount (line discount and also
CPI3	1	CPI30004	A/P Correction Invoice (Services)	451	1	1	TEXT	specimen
CPI3	1	CPI30004	A/P Correction Invoice (Services)	452	4	4	MONEY (TAX)	line VAT code
CPI3	1	CPI30004	A/P Correction Invoice (Services)	453	6	6	MONEY (SUM)	new total before VAT
CPI3	1	CPI30004	A/P Correction Invoice (Services)	454	6	6	MONEY (TAX)	new VAT total amount
CPI3	1	CPI30004	A/P Correction Invoice (Services)	455	6	6	MONEY (SUM)	original total before VAT and document
CPI3	1	CPI30004	A/P Correction Invoice (Services)	456	6	6	MONEY (TAX)	original VAT amount
CPI3	1	CPI30004	A/P Correction Invoice (Services)	463	1	1	TEXT	payment method
CPI3	1	CPI30004	A/P Correction Invoice (Services)	473	1	1	TEXT	default bank name
CPI3	1	CPI30004	A/P Correction Invoice (Services)	476	6	6	MONEY (SUM)	total all rows before document discount
CPI3	1	CPI30004	A/P Correction Invoice (Services)	479	4	4	MONEY (SUM)	line total including tax, line discount inc
CPI3	1	CPI30004	A/P Correction Invoice (Services)	494	4	4	TEXT	line type +/-

A list of variables relevant to this layout appears.

Column	Description
VARNUM	Displays the variable code.
Area Exclusive	If the area code is marked red, the area has special behavior described on the <i>Areas</i> tab. Some variables work properly only if they are nested within this particular area. You can check restrictions on this area on the <i>Vars Utilization</i> tab.
Metadata Type	Displays the variable type.

Description	Displays a description of the variable.
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3. If you know the variable number beforehand, you can check its restrictions on the *Vars Utilization* sheet.
 - a. Choose the *Vars Utilization* sheet.
 - b. Filter the *VARNUM* column by the variable number.

	A	B	C	D
26	VARNUM	HANDLED ON	MetaData Type	Description
	(All)	22	MONEY (SUM)	total on row (row discount included)
	(Top 10...)	22	MONEY (SUM)	line total (row discount included)
	(Custom...)	22	TEXT	G/L Account
58		98	TEXT	line type
64		all	MONEY (PRICE)	line price including VAT (line discount inc
65		all	TEXT	notification of deduction at source
80		all	MONEY (PRICE)	line price (line discount included)
81		all	MONEY (PRICE)	price before discount
82		all	MONEY (SUM)	line total (row discount included) in local
84		all	MONEY (SUM)	line total (row discount included) - multipl
85		all	MONEY (SUM)	total all rows before document discount (
87		all	MONEY (SUM)	total all rows before document discount (
88		all	MONEY (SUM)	balance due (to be paid)
91		all	MONEY (SUM)	total sum of invoice (or document) in loca
93		all	MONEY (SUM)	total sum of invoice (or document) in fore
103		all	MONEY (SUM)	total sum of invoice (or document) in fore
105		all	MONEY (TAX)	line tax amount (line discount and also d
106		all	MONEY (SUM)	total discount amount (document discou
107		all	MONEY (TAX)	total VAT Amount
108		all	MONEY (SUM)	total applied sum (already paid)

The *HANDLED ON* column displays a restriction code on the specified variable.

	A	B	C	D
2	Documentation of system variables utilisation(according to souce code). In HANDLED ON column you can see where each varnabe is/could be used. For refere			
3	!!! Correction Invoice layouts are handled by different proc... Use only variables according to tab VAR... For PL exist special handling out of other CEE layouts.			
4	Example:			
5		variable 108 has in HANDLED ON column remark 'all' - it means that this variable can be used everywhere - area, report type, localization does not		
6		variable 477 has in HANDLED ON column remark 'cee, ci(PL)' - variable can be used only on all CEE reports except correction invoice and on PL c		
7		variable 230 has in HANDLED ON coumn remark 'vat' - it means that this variable can be used only under certain repetitive area exclusive numbers		
8	NOTE: On VARS tab you can check actual usage of each variable			
9				
10				
11		utilization group name (HANDLED ON)	handled on certain repetitive area exclusive numbers or locals or document types	
12		all	all - except correction invoice layouts	
13		cd	629, 630, 667, 668, 669	
14		cee	HU, CZ, PL, RU, SK	
15		ci	CSI, CPI, CSV, CPV - CZ, HU, SK, RU, GR	
16		ci(PL)	CSI, CPI, CSV, CPV - PL	
17		din	AT, AU, CH, DE, DK, ES, FI, FR, GB, IT, NL, NO, PT, SE, ZA	
18		frght	36, 521, 683	
19		inst	46, 574, 608	
20		vat	109, 126, 132, 135, 139, 148, 149, 309, 316, 427, 502, 509, 686	
21		s&b	DLN, RDN, INV, RIN, PDN, RPD, PCH, RPC	
22		dpm	31, 466, 600, 626, 633, 635, 637, 672, 678, 681, 722	
23				
24				
25		In general capital letters are for localizations or document types. Small letters are for group names explained in the legend above. Numbers are concrete area exclusive numbers.		
26	VARNUM	HANDLED ON	MetaData Type	Description
44	106	all	MONEY (TAX)	total VAT Amount

The restriction description appears in the table above the columns.

- Red area codes – the variable is exclusive to these areas.
- Green localization code – the variable is exclusive to these localizations.
- Gray document types – the variable is exclusive to these document types.

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