

Guide - Understanding Panelevels

During work with the B1UP's Item Placement Tool and the Universal Function – Content creator you will encounter the term Panelevel and the FromPane and ToPane. This document will try to explain what this concept is and how to work with them.

What is a Panelevel?

Panelevels is an invention of SAP Business One on how to place items of a window on different tab-pages.

For each tab is a Panelevel tied to it represented by a simple numeric value.

If we look at a window in SAP Business One will try to go into details.

The screenshot shows the 'Item Master Data' window in SAP Business One. The window has a title bar with standard window controls. Below the title bar, there are several input fields for 'Item Number', 'Description', 'Desc. in Foreign Lang.', 'Item Type', 'Item Group', 'Price List', 'Bar Code', 'Unit Price', and a list of item types: 'Inventory Item', 'Sales Item', 'Purchased Item', and 'Fixed Assets'. Below these fields, there are seven tabs: 'General' (labeled 'Pane 6'), 'Purchasing Data' (labeled 'Pane 1'), 'Sales Data' (labeled 'Pane 2'), 'Inventory Data' (labeled 'Pane 3'), 'Planning Data' (labeled 'Pane 7'), 'Properties' (labeled 'Pane 4'), and 'Remarks' (labeled 'Pane 5'). The 'General' tab is active. It contains a 'Tax Liabilities' section with a checked 'Tax Liabilities' checkbox. Below this are 'Manufacturer', 'Additional Identifier', and 'Shipping Type' dropdowns. There is also a 'Serial and Batch Numbers' section with a 'Manage Item by' dropdown set to 'None'. At the bottom left, there are radio buttons for 'Active', 'Inactive', and 'Advanced'. At the bottom right, there are 'Find' and 'Cancel' buttons. A red box highlights the 'Production Data' section, which includes a 'Phantom Item' checkbox and an 'Issue Method' dropdown set to 'Backflush'. Red arrows point from the text 'Each Items pane is 6' to the 'Manufacturer', 'Additional Identifier', 'Shipping Type', and 'Manage Item by' dropdowns.

This is a window in SAP Business One and its current Panelevel is 6. The reason for this is that the general tab is the active and by SAP definitions all data on the Item Master Data General tab is “tied” to pane 6 and

on data like the Manu. If we were to press on the Purchasing Data tab the windows Panelevel would change to 1 and show all items tied to pane 1.

We also have a special pane called Panelevel 0. Any item that are placed on pane 0 will be shown no matter what Panelevel the window currently is in. That's the reason why an item like Item Number are shown no matter what tab we are on.

Why a FromPane and a ToPane?

The above explanation works for about 95% of all items in SAP Business One windows and you can work from that. But the whole truth is a bit more complicated.

Each item in a window actually has a FromPane and a ToPane so the item can be on a range of panes. As mentioned this is very seldom used and most items from and to panes are the same (because it should only be shown on that single pane)

One of the special places is the Sales and Purchase documents

The screenshot shows the 'Sales Order' window with a dropdown menu open for 'Item/Service Type'. The dropdown lists 'Item', 'Item', and 'Service'. The 'Contents' tab is selected, and the 'Summary Type' is set to 'No Summary'. The table below shows a single line item with a quantity of 1 and a total of USD 5.00.

#	Type	Item Description	Quantity	No. of Packages
1	Item			

Summary:

Total Before Discount	
Discount	%
Freight	USD 5.00
<input type="checkbox"/> Rounding	USD 0.00
Tax	
Total	USD 5.00

Because we have the Item/Service types and the Summary Type of document lines an item like the highlighted Combobox have a FromPane of 1 and a ToPane of 4. These four panes are used to show the different versions of the line-data and result in that if the window is on any of panel 1, 2, 3 or 4 the Combobox will still be shown.

In practical use only on documents would perhaps set the From and To pane to something different. Anywhere else you will let them be the same.

The use in B1UP and Panelevel -1?

The Item Placement Tool and the Universal Function - Content Creator takes advantage of the Panelevel system and let you manipulate the Panelevel of existing items and set them for your own items to allow you to move items to other Panelevels (tabs), move them to pane 0 (making the header data) and even to put them on panes that does not exist (which will result in that they are not shown)

Please note that the B1UP introduce a Panelevel -1. All that this means is that B1UP should not make any changes to current Panelevels. This is used when you wish to move an item around on its current pane and not move it another.

Item Placement Tool Sample

Item Placement Tool: Configuration

Code: IPT-010
FormType: 134
Description: Business Partner Master Data
Form Width:
Form Height:
Include Universal Function:
Users (Empty = All):
Include users ☒ Exclude users ☐
Use description as form title ☐
Development Mode ☐

Active	Item UID	Description	Left	Top	Width	Height	Hide	From Pane	To Pane	Link to	Override description (...)
<input checked="" type="checkbox"/>	81	Price List (Data)	452	82	136	14	<input type="checkbox"/>	0	0		<input type="checkbox"/>
<input checked="" type="checkbox"/>	82	Price List (Label)	304	82	130	14	<input type="checkbox"/>	0	0		<input type="checkbox"/>

Add Remove

Here where take the Price list items (label + Combobox) which is normally located on pane 6 (Payment terms) of the Business Partner Master Data and set its From and To pane to 0 instead.

Business Partner Master Data

Code: 020010 Customer
Name: BP Name
Foreign Name:
Group: Construction
Currency: Euro
Federal Tax ID:
Account Balance: 300.98
Deliveries: 0.00
Orders: 3589.67
Opportunities:
Price List: Basic Price List
Payment Terms: 2P10Net30
Interest on Arrears %:
Total Discount %:
Credit Limit: 0.00
Commitment Limit: 0.00
Dunning Term:
Credit Card Type:
Credit Card No.:
Expiration Date:
ID Number:
Average Delay:
Priority:
General Contact Persons Addresses Payment Terms Payment System Accounting Properties Remarks

If we look at the result of this change we see that the Panelevel change + some additional pixel-moving (new top and left pixels) have moved the Price list data from the Payment Terms tab-page and made the data header data instead

Panelevels on most common windows

Item Master Data	Panelevel
<header data>	0
General	6
Purchasing Data	1
Sales Data	2
Inventory Data	3
Planning Data	7
Properties	4
Remarks	5
Attachments	8

Business Partners	Panelevel
<header data>	0
General	1
Contact Persons	3
Addresses	7
Payment Terms	6
Payment System	8
Accounting	9
Properties	4
Remarks	5
Attachments	11

Documents	Panelevel
<header data>	0
Content	1-4
Logistics	6
Accounting	7
Attachments	9