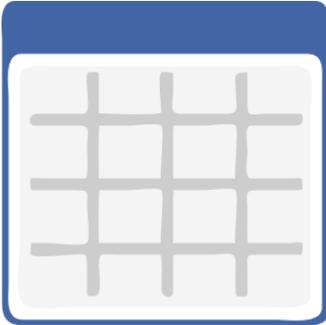


Functional Tips for Print Envoy



This month’s tip for getting more from your Print Envoy implementation!

Print Envoy New Feature Preview: Print Handler Overview

-By Harrison Brazelton harrison.brazelton@cloudinventory.com

This month we are introducing a new way to interact with and view Print Handlers. This is all done through the new form, ‘Print Handler Overview’. This form will provide users with a grid view of all Print Handlers, along with the ability to make edits and see how many Template Rules and Printer Rules exist for each one. This is extremely helpful for users who want to inquire about a large number or all the Print Handlers that are currently active, as previously it could be a tedious task through the traditional ‘Print Handlers’ form. We have also added the functionality to automatically create placeholder template rules for a Print Handler that has not been enabled before or does not have an active template selection rule.

Print Handler Overview Form

The path to the form on D365 is as follows: Modules - DSI Print Envoy – Print Handling – Print Handler Overview.

Enable override	Confirmation	Template Rule Count	Printer Rule Count	SQL Query Used	Template SQL Quer...
		1	2	✓	
		1	0		
		1	0		
✓		1	0		
		1	1		
		0	0		
		0	0		
✓		1	0		
		1	0		
		0	0		
		0	0		
		0	0		
		0	0		
		0	0		

Note: This form will only appear once you have downloaded and deployed version 77 of Print Envoy.

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Print Handler Overview

Standard view

Filter

Description	Handler Name	Enabled	Enable override	Confirmation	Template Rule Count	Printer Rule Count	SQL Query Used	Template SQL Quer...
Advanced Warehouse LP Button	WHSLicensePlate_PrintButton	✓			1	2	✓	
Advanced Warehouse LP Label ...	WHSLicensePlateLabel_Create	✓			1	0		
Advanced Warehouse LP WMDP	WHSLicensePlate_WMDP	✓			1	0		
Arrival Journal Button	ArrivalJournal_PrintLinesButton	✓			1	0		
Arrival Journal Post	ArrivalJournal_Post	✓	✓		1	0		
Containers Close Container	WHSContainerTable_CloseConta...				1	1		
Containers Pallet labels Button	WHSContainerTable_PrintPallet...				0	0		
Containers Print Labels On Cont...	WHSContainerTable_PrintLabels...				0	0		
Count Journal Button	CountJournal_PrintLinesButton	✓	✓		1	0		
Count Journal Post	CountJournal_Post	✓			1	0		
Inv Adj Journal Button	InventoryAdjustmentJournal_Pri...				0	0		
Inv Adj Journal Post	InventoryAdjustmentJournal_Post				0	0		
Inventory Label Print	InventoryLabelPrint	✓			1	0		
Location Label Print	LocationLabelPrint	✓			1	0		
Movement Journal Button	MovementJournal_PrintLinesBut...				0	0		
Movement Journal Post	MovementJournal_Post				0	0		
Pick List Reg Button	PickList_Registration_PrintLinesB...				0	0		

This is the grid view of all Print Handlers currently included in Print Envoy. The functionality of this form is to provide users information about a wide range of Print Handlers that would previously be a tedious process in the original Print Handlers form. This is because you can only see information about a Print Handler one at a time, based on the current row selected by the user. In the example below you can see that I am only provided information about the Print Handler I currently have selected. If I wanted to inquire how many Print Handlers were currently enabled and being used before the addition of the overview form, I would have to select each row manually, then check the values on the right-hand of the screen. Now with the new addition of the overview form, I can easily tell which Print Handlers are being used, override enabled, or if confirmation is enabled.

Standard view

Print Handlers

Filter

Advanced Warehouse LP But...
Yes

Advanced Warehouse LP Lab...
Yes

Advanced Warehouse LP W...
Yes

Arrival Journal Button
Yes

Arrival Journal Post
Yes

Containers Close Container
No

Containers Pallet labels Button
No

Description: Advanced Warehouse LP Button

Confirmation: No

Handler Name: WHSLicensePlate_PrintButton

Enabled: Yes

AOT Query:

Records to Print: All Rows Combined

Create multi label: No

Enable override: No

Sorting Label Records:

Template Rule Count: 1

Printer Rule Count: 2

SQL Template Select Statement

Template Select Statement

SQL Select Statement

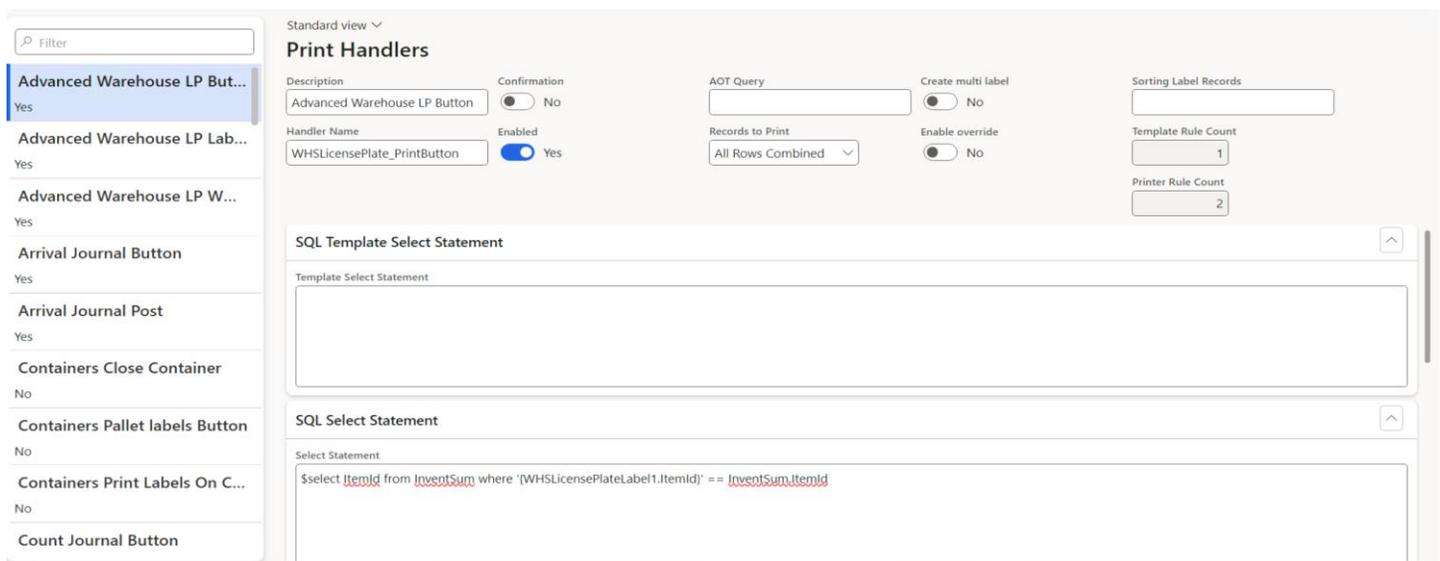
Print Handler Fields

New Fields

Template Rule Count	Printer Rule Count	SQL Query Used	Template SQL Quer...
1	2	✓	

With the addition of the overview form also comes four brand-new informational fields.

- **Template Rule Count** – This field displays the number of template selection rules are setup for the given Print Handler. This field is also displayed on the default Print Handler form.
- **Printer Rule Count** – This field displays the number of printer selection rules that are setup for the given Print Handler. This field is also displayed on the default Print Handler form.
- **SQL Query Used** – This is a checkbox field that will tell you if the SQL Select Statement is being used for the given Print Handler.
- **Template SQL Query** – This is a checkbox field that will tell you if the SQL Template Select Statement is being used for the given Print Handler.



Here is the Print Handler we were examining above on the overview form. You can see that the SQL Select Statement value currently has an active query being used, but the SQL Template Select Statement is blank, therefore it will not be checked on the overview form.

Automatic Template Selection Rule Creation

Another new feature that comes along with the overview form is the automated template selection rule creation that takes place whenever a user enables a Print Handler that does not already have a template rule in place.

Standard view ∨

Template Selection Rules

Rule Name: Label Template Name: Priority: Label Qty or Field Providing Qty: Override Printer: ∨

Template Prefix:

Rule Fields

+ New 🗑️ Delete

<input type="radio"/>	<input type="radio"/>	Field ID	Value	Description	⋮
<input type="radio"/>	<input type="radio"/>	PrintHandlerName	WHSLicensePlate_PrintButton		

After you have enabled a Print Handler, you will see that a template selection rule has been created for you with the Print Handler name filling in the Rule Name field for easier identification. Notice the Label Template Name has a value of 'Placeholder', this is because we have no way of knowing what the template names you have set up in your label engine are. For the new template selection rule to be effectively printing labels, first you must replace the template name, specify a different Override Printer, or make a printer selection rule. Currently the Override Printer field will be automatically populated with the first printer you have setup and enabled once the template rule is dynamically created.

Thanks for making it this far, and I hope that you will be able to find value in this great new feature! We are constantly striving to make user friendly improvements and increase the value of Print Envoy as a whole. Please reach out to me at harrison.brazelton@cloudinventory.com if you have any questions or concerns regarding this new feature, or if you have any ideas of your own that you believe would be beneficial to the functionality or value.