

# Functional Tips for Print Envoy



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

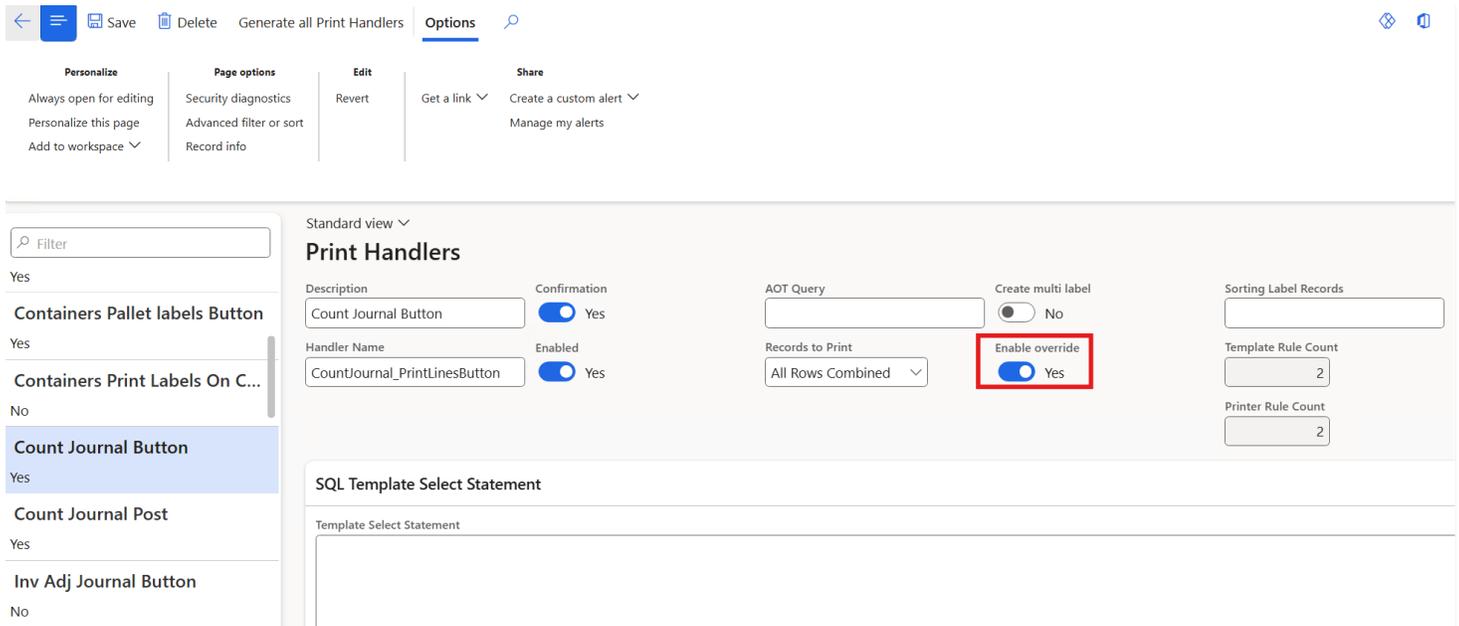
## Print Envoy: Override Form

-By Harrison Brazelton [harrison.brazelton@nextw.com](mailto:harrison.brazelton@nextw.com)

In this month's edition of the Print Envoy newsletter, we will be discussing the override form, while not often, there are scenarios in which it is beneficial to use the override form as opposed to the automatic selection of Template Rules and Printer Rules. This could be due to not being able to cover all the different template/printer scenarios by just using the built in 'Rule Fields', but the more likely scenario you would need the override form for is to manually populate a universal template field before creating the label.

## Enabling the Override Form

Navigate to *DSI Print Envoy – Print Handling – Print Handlers* and select a Print Handler that you would like to activate the override form on.



The screenshot shows the 'Print Handlers' configuration page in Print Envoy. The 'Options' tab is selected. The 'Print Handlers' section is visible, showing a list of handlers on the left and configuration options on the right. The 'Count Journal Button' handler is selected. The 'Enable override' toggle is highlighted with a red box and is set to 'Yes'.

Description	Confirmation	AOT Query	Create multi label	Sorting Label Records
Count Journal Button	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	

Handler Name	Enabled	Records to Print	Enable override	Template Rule Count	Printer Rule Count
CountJournal_PrintLinesButton	<input checked="" type="checkbox"/> Yes	All Rows Combined	<input checked="" type="checkbox"/> Yes	2	2

In this example, I have selected the 'CountJournal\_PrintLinesButton' Print Handler to enable the override form. All you need to do is make sure that the 'Enable Override' button is toggled to 'Yes'.

Something to keep in mind is that the 'WMDP' Print Handlers (Print Handlers relating to the D365 mobile application) will not be able to leverage the override. This is because the mobile application does not allow pop-up forms to appear on the user's screen as they utilize the application.

Counting | Standard view

### 00378 : Inventory counting journal

Lines Header

Journal header details

Journal lines

+ New Delete Add products Display dimensions Inventory Functions **Print Labels**

Date	Item number	Product name	Site	Warehouse	Location	CW on-hand	CW counted	C
4/16/2025	M9200	Steel pressed frame	5	51	BULK-001			
4/16/2025	M9200	Steel pressed frame	5	51	BULK-002			
4/16/2025	M9201	Cone and coil assembly	5	51	BULK-003			
4/16/2025	M9201	Cone and coil assembly	5	51	BULK-006			
4/16/2025	M9202	Dust cap	5	51	BULK-004			
4/16/2025	M9202	Dust cap	5	51	BULK-005			

Line details

Once the 'Enable Override' toggle has been switched to 'Yes' on the Print Handler, you can either click the button to print a label as seen above, or trigger the event that would print a label ( e.g. on posting).

Standard view

### Template Selection

Print Handler: CountJournal\_PrintLinesButton

Data Templates

Rule Name	Printer ID	Label Qty
Count rule 03	Printer03	
Count rule 04	Printer03	
Count rule		
Count rule 02		4

UNIVERSAL TEMPLATE FIELDS

Description	Drop File Field Name	Drop File Value
SpecifiedQty	Qty	

OK Cancel

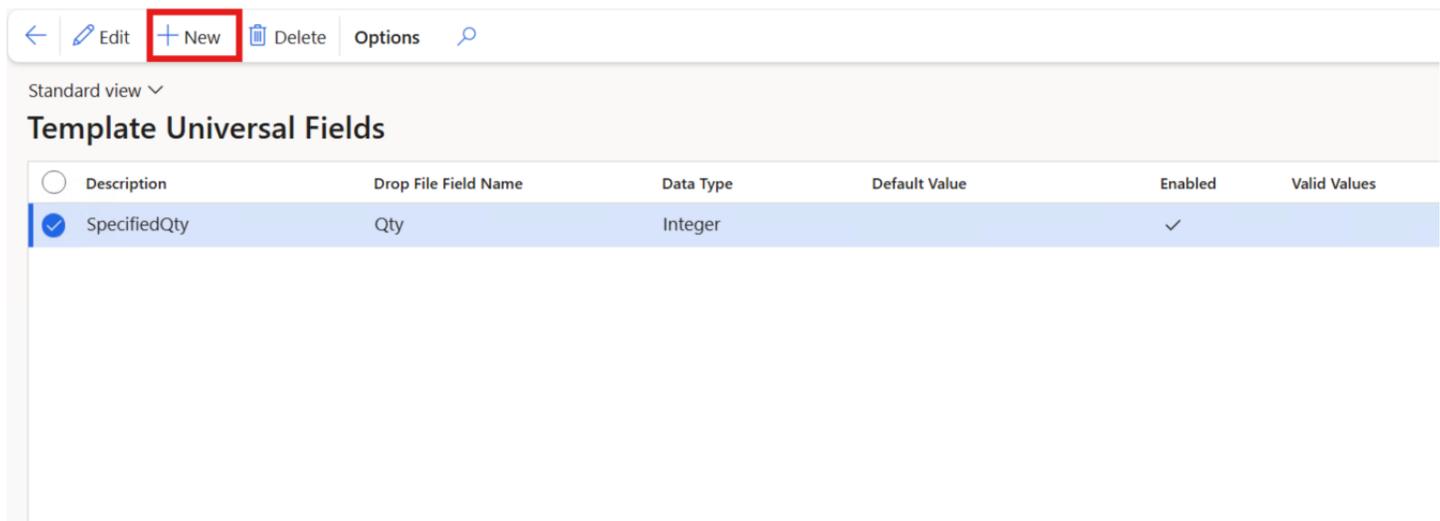
When the override form opens, you will immediately see a list of all the templates that are currently eligible to be selected based on your pre-defined Template Selection Rules. This means that you can still use 'Rule Fields' on template selection rules to further narrow down what you see on this screen based on any value you would like to define from the given 'Rule Fields' (e.g. Site, Warehouse, ItemId).

If an 'Override Printer' has been set on the Template Selection Rule, you will see the 'Printer' field automatically populates to the value of the override printer. If no printer is specified on the override form, it will then use the Printer Selection Rules to determine which printer to use.

## Universal Template Fields

There are cases where you want to have a field on a label that is manually filled out by the user who printed the label. One example might be that you need to print inventory labels from the 'Print Inventory Labels' form and need a way to specify a quantity for the pallet/container you are generating the label for.

Navigate to *DSI Print Envoy – Print Handling – Universal Template Fields*.



The screenshot shows a web interface for managing 'Universal Template Fields'. At the top, there is a navigation bar with buttons for '←', 'Edit', '+ New' (highlighted with a red box), 'Delete', 'Options', and a search icon. Below the navigation bar, the text 'Standard view' is visible. The main heading is 'Template Universal Fields'. Below this is a table with the following columns: 'Description', 'Drop File Field Name', 'Data Type', 'Default Value', 'Enabled', and 'Valid Values'. The table contains one row with the following data: 'SpecifiedQty' (with a checked checkbox in the 'Description' column), 'Qty', 'Integer', and a checkmark in the 'Enabled' column. The 'Valid Values' column is currently empty.

Description	Drop File Field Name	Data Type	Default Value	Enabled	Valid Values
<input checked="" type="checkbox"/> SpecifiedQty	Qty	Integer		✓	

In this example, I will be creating a custom quantity field. You can define the name of the field that will appear on the drop file, assign a data type, assign a default value, and assign values in the 'Valid Values' column to only allow one of the options you specify. I will not be going in too much detail on each of the fields here as we have already done a newsletter on the universal template fields topic, you can find this by navigating to our 'tips' page on our website <https://printenvoy.solutions/tips/>.

Standard view ∨

### Template Selection

Print Handler: InventoryLabelPrint

Data Templates

<input type="radio"/>	<input type="refresh"/>	Rule Name	Printer ID	Label Qty	<span>⋮</span>
<input checked="" type="radio"/>		InventoryLabelPrint	Printer03	10	

#### UNIVERSAL TEMPLATE FIELDS

<input type="radio"/>	<input type="refresh"/>	Description	Drop File Field Name	Drop File Value	<span>⋮</span>
<input checked="" type="radio"/>		SpecifiedQty	Qty	100	

Once you have the universal field set up, you will notice it displays all your currently enabled universal template fields at the bottom of the override form. You can assign a value here manually, and once you click 'OK', you will see the field and defined value carry over to the label drop file.

In this example I am generating a label for a specific item via the 'Print Inventory Labels' form within the DSI Print Envoy module. Here I am defining that I want 10 labels with a quantity of 100. This would be a way I could generate inventory labels on the fly for pallets/containers containing multiple quantities of a particular item. The use cases for the universal template fields can be much more complex or simplistic depending on your business process, but there are numerous use cases for universal fields.

Thanks for making it this far, and I hope that you will be able to find value in these features! 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@nextw.com](mailto:harrison.brazelton@nextw.com) if you have any questions or concerns regarding these features, or if you have any ideas of your own that you believe would be beneficial to the functionality or value of Print Envoy.