

Functional Tips for Print Envoy



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

Print Envoy: Template & Printer Selection Rule Updates

-By Harrison Brazelton harrison.brazelton@nextw.com

In this month's edition of the Print Envoy newsletter, we will be discussing our new functionality that allows users to filter Template Selection Rules on Print Handlers, as well as allowing you to dynamically choose Printer Selection Rules based on the 'Template Rule Name' that was chosen for a label. I will provide examples with how users can utilize this functionality below.

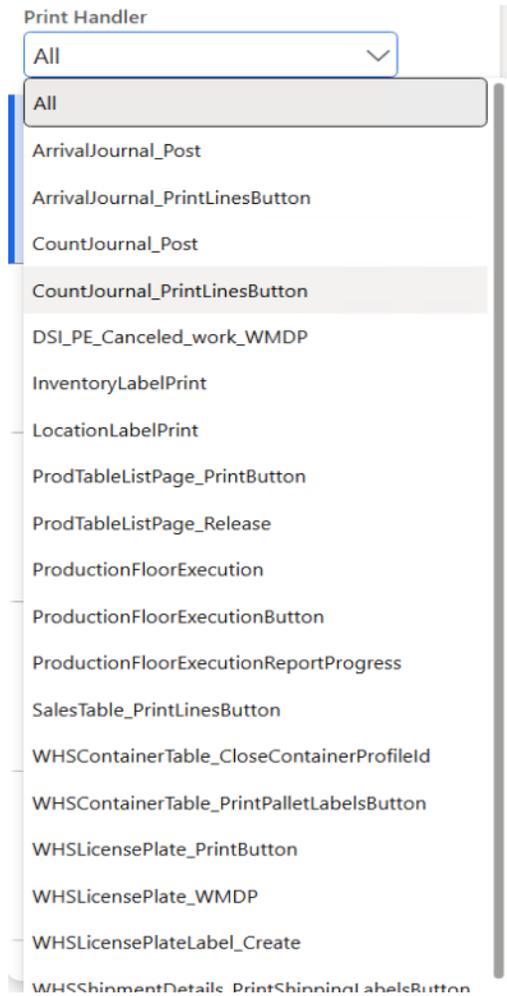
Template Selection Rule Filtering

Navigate to DSI Print Envoy – Print Handling – Template Selection Rules.

The screenshot shows the 'Template Selection Rules' configuration page. At the top, there are tabs for 'Personalize', 'Page options', 'Edit', and 'Share'. Below these are various settings like 'Always open for editing', 'Security diagnostics', 'Revert', 'Get a link', 'Create a custom alert', and 'Manage my alerts'. The main content area is titled 'Template Selection Rules' and includes a search filter. A dropdown menu for 'Print Handler' is highlighted with a red box and currently shows 'All'. Below this is a list of rules, with 'ArrivalJournal_Post' selected. The configuration for this rule shows: Rule Name: ArrivalJournal_Post, Label Template Name: Placeholder2, Priority: 0, Label Qty or Field Providing Qty: (empty), and Override Printer: Printer01. A 'Rule Fields' table is also present, showing a field named 'PrintHandlerName' with a value of 'ArrivalJournal_Post'.

Field ID	Value	Description
PrintHandlerName	ArrivalJournal_Post	

You will notice the new 'Print Handler' filter highlighted above in the screenshot.



Once you click on the filter, it will list each Print Handler. Select a record from the drop-down to see all relevant 'Template Selection Rules' relating to the chosen Print Handler.

Standard view ∨

Template Selection Rules

Print Handler: CountJournal_PrintLinesButton

Rule Name	Label Template Name	Priority	Label Qty or Field Providing Qty	Override Printer
Count rule	test	10		

Template Prefix:

Rule Fields

[+ New](#) [Delete](#)

Field ID	Value	Description
PrintHandlerName	CountJournal_PrintLinesButton	

The list will display all relevant 'Template Selection Rules' that could be used by the specified Print Handler, which include rules directly relating to a Print Handler via the 'PrintHandlerName' rule field or a default/'catch-all' rule that could still be used by the specified Print Handler. These records are displayed in 'priority' order, you can see in the screenshot above that the first rule, 'Count Rule', has a priority of 10, therefore it is displayed above the 'Count rule 02' record with a priority of 60.

This is very useful for users who have multiple template selection rules as the list can grow very large in some cases, making it difficult to find or modify specific template rules.

Select Printer Selection Rules Based on the Label Template

There are many cases where a label needs to be sent to a specific printer based on criteria already defined by the 'Template Selection Rule'. With this new feature, if your criteria are defined on the 'Template Selection Rule', all you would need is one rule field on your Printer Selection Rule tying back to the template you are using. I have provided an example below.

Navigate to DSI Print Envoy – Print Handling – Printer Selection Rules.

The screenshot shows the 'Printer Selection Rules' configuration page in DSI Print Envoy. The interface includes a sidebar with a list of rules, a main configuration area with filters for Rule Name, Printer ID, and Priority, and a 'Rule Fields' table. A red box highlights a rule field with 'Field ID' 'TemplateRuleName' and 'Value' 'Count rule'.

Field ID	Value	Description
TemplateRuleName	Count rule	

Create a new Printer Selection Rule or edit an existing one. Add a 'Rule Field' with the 'TemplateRuleName' Field Id. Set the value to whatever template rule name you want to use.

It is still possible to add multiple 'Rule Fields' and increase the selection criteria, if necessary, but in this example, I am just showing how a user can easily tie a template to a printer using only one 'Rule Field'.

Standard view ▼

Template Selection Rules

Rule Name Count rule	Label Template Name test	Priority 10	Label Qty or Field Providing Qty	Override Printer ▼
				Template Prefix

Rule Fields

+ New 🗑️ Delete

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

The 'Rule Name' field highlighted above on the 'Template Selection Rule' corresponds to the 'TemplateRuleName' rule field value.

Thanks for making it this far, and I hope that you will be able to find value in these new 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 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.