

Functional Tips for Print Envoy



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

Print Envoy: Template Select Statement

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In this month's edition of the Print Envoy newsletter, we will be discussing the optional 'SQL Template Select Statement' and how you can leverage this feature to enable further precision when Print Envoy is evaluating 'Template Selection Rules'. While this is not necessary for most scenarios, it can be useful especially in the event you have a lengthy SQL select statement that is setting values for fields used by your template selection rules. Basically, by setting the fields first in the 'SQL Template Select Statement' instead of the 'SQL Select Statement', you can increase the speed between a template being selected and the label being printed, as it will not have to run the entire SQL select statement before selecting a template if the values are already being set.

Enabling the Template Select Statement

Navigate to *DSI Print Envoy – Administration– Print Envoy Configuration*.

<input type="radio"/> Parameter	↑ Value
<input type="radio"/> Allow Template Selection SQL Statement	Y

Set the value of the 'Allow Template Selection SQL Statement' to 'Y'.

Standard view ▾

Print Handlers

Description Arrival Journal Button	Confirmation <input checked="" type="checkbox"/> Yes	AOT Query <input type="text"/>	Create multi label <input type="radio"/> No	Sorting Label Records <input type="text"/>
Handler Name ArrivalJournal_PrintLinesButton	Enabled <input checked="" type="checkbox"/> Yes	Records to Print All Rows Combined ▾	Enable override <input type="radio"/> No	Template Rule Count <input type="text" value="0"/>
				Printer Rule Count <input type="text" value="0"/>

SQL Template Select Statement ⬆

Template Select Statement

SQL Select Statement ⬆

Select Statement

When enabled, you will see the corresponding text area field appear on your Print Handlers form. This behaves exactly as the SQL Select Statement field and uses the same syntax.

Using the Template Select Statement

The template select statement revolves around changing values that are already being evaluated by your existing 'Template Selection Rules' to further drive what template will be chosen. Essentially, you are directing a template to be chosen under specific conditions you can specify that will happen BEFORE the default 'SQL Select Statement' is evaluated.

Standard view ▾

Print Handlers

Description Count Journal Button	Confirmation <input checked="" type="checkbox"/> Yes	AOT Query <input type="text"/>	Create multi label <input type="radio"/> No	Sorting Label Records <input type="text"/>
Handler Name CountJournal_PrintLinesButton	Enabled <input checked="" type="checkbox"/> Yes	Records to Print All Rows Combined ▾	Enable override <input type="radio"/> No	Template Rule Count 2
				Printer Rule Count 2

SQL Template Select Statement

Template Select Statement

```
$SELECT DISTINCT InventSiteId, 'Site1' as USERVALUE1, 'Stock' as USERVALUE2 FROM InventJournalTable WHERE InventJournalTable.InventSiteId == 'SiteId' AND 'SiteId' == 1
```

SQL Select Statement

Here I have created a basic Template Select Statement for the 'Count Journal Button' Print Handler, assigning values to the USERVALUE1 and USERVALUE2 fields if the site is equal to 1. This means that in the event I am printing count journal lines for any journal on site 1, the values of the USERVALUE fields will be set accordingly.

Standard view ▾

Template Selection Rules

Rule Name Count Scenario	Label Template Name count_scenario	Priority 0	Label Qty or Field Providing Qty <input type="text"/>	Override Printer Printer02 ▾
				Template Prefix <input type="text"/>
				Linked Template <input type="text"/>

Rule Fields

+ New Delete

Field ID	Value	Description
PrintHandlerName	CountJournal_PrintLinesButton	
UserValue1	Site1	
UserValue2	Stock	

Behind the scenes, I have a Template Selection Rule already set up that expects those values from the USERVALUE fields.

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