

Extensibility for Billing Document Printout

S/4 HANA Cloud



THE BEST RUN



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1 Provide Payment Method Name in Billing Document Output

1.1 Aim

Show Payment Method Name on Form Template Item of Billing Document.

1.2 Steps to do

1.2.1 Creation of an extension field at Billing Document

Use app [Custom Fields and Logic](#), tab [Custom Fields](#), in the Extensibility business catalog. Create a new extension field in [Business Context Sales: Billing Document](#) with an appropriate Type.

The screenshot shows a 'New Field' configuration window. The title is 'New Field'. Below the title is a section 'Field Properties'. The properties are as follows:

- *Business Context: Sales: Billing Document (dropdown menu)
- *Label: PaymentMethodName (text input)
- *Identifier: YY1_ PaymentMethodName (text input)
- *Tooltip: PaymentMethodName (text input)
- *Type: Text (dropdown menu)
- *Length: 16 (text input)

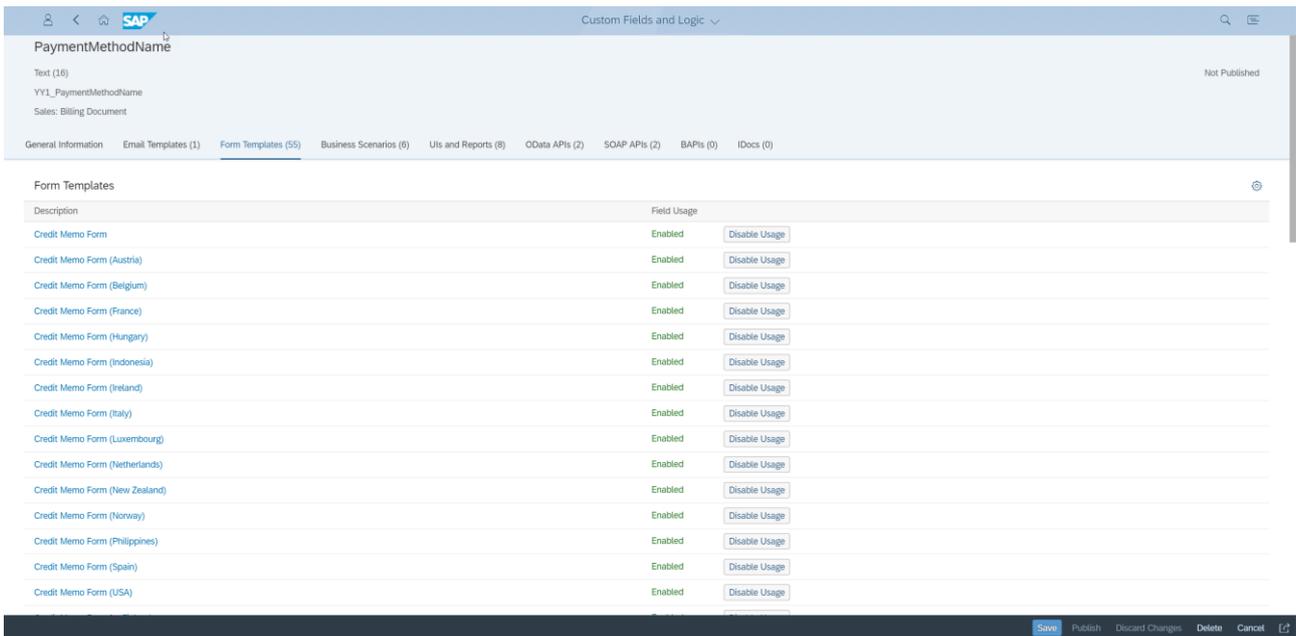
At the bottom left, there is a progress bar labeled 'Business Context Capacity' with a value of 11%. At the bottom right, there are three buttons: 'Create', 'Create and Edit', and 'Cancel'.

This extension field is intended to store the Payment Method Name with the Billing Document.

Remark: The extension field will only be filled when triggering the output request.

1.2.2 Extend the Form Template with the Extension Field

Within the same App [Custom Fields and Logic](#) and tab [Custom Field](#) enable the Form Templates for the Billing Document with the extension field.



Save and publish the extension field.

1.2.3 Creation of an extension logic

Use app *Custom Fields and Logic*, tab *Custom Logic*, in the Extensibility business catalog. Create a new Enhancement Implementation in *Business Context Sales: Billing Document* with *Definition Description Billing Standard Output Header Adaption* and an appropriate Implementation Description. This step can be skipped in case the Enhancement Implementation already exist.

New Enhancement Implementation

Business Context:

*BAdI Description:

*Implementation Description:

*Implementation ID:

Create Cancel

Add the following example code to the Draft:

* This method can be used to set values for output to billing document header extension fields.

```
billingdoc_extension_out = billingdoc_extension_in.  
billingdocdescr_extension_out = billingdocdescr_extension_in.
```

```
    Select single paymentmethoddescription from i_paymentmethodtext  
    into @billingdoc_extension_out-yy1_paymentmethodname_bdh  
    where language = 'D' and  
          country = @billingdoc-country and  
          paymentmethod = @billingdoc-paymentmethod.
```

Save and publish the extension Logic.

The screenshot displays the SAP Custom Fields and Logic configuration interface. The top navigation bar includes the SAP logo and the title 'Custom Fields and Logic'. Below the navigation bar, there are tabs for 'Available Fields', 'Filter', and 'BAdI Documentation'. The main area shows a 'Select Variant' section with three input fields: 'billingdoc:', 'billingdoc_extension_in:', and 'billingdocdescr_extension_in:'. Each field has a 'Click to add value' button. Below this, the 'Published Logic' section is visible, containing a code editor with the following code:

```
1 * This method can be used to set values for output to billing document header extension fields.  
2  
3 billingdoc_extension_out = billingdoc_extension_in.  
4 billingdocdescr_extension_out = billingdocdescr_extension_in.  
5  
6 * Select single paymentmethoddescription from i_paymentmethodtext  
7 into @billingdoc_extension_out-yy1_paymentmethodname_bdh  
8 where language = 'D' and  
9 country = @billingdoc-country and  
10 paymentmethod = @billingdoc-paymentmethod.  
11  
12  
13  
14  
15  
16  
17
```

At the bottom of the interface, there are buttons for 'Save Draft', 'Delete', 'Test', and 'Publish'.

Remark: To see the new created extension field in the Billing Document Printout, it is necessary to create a new Form Template.

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