

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

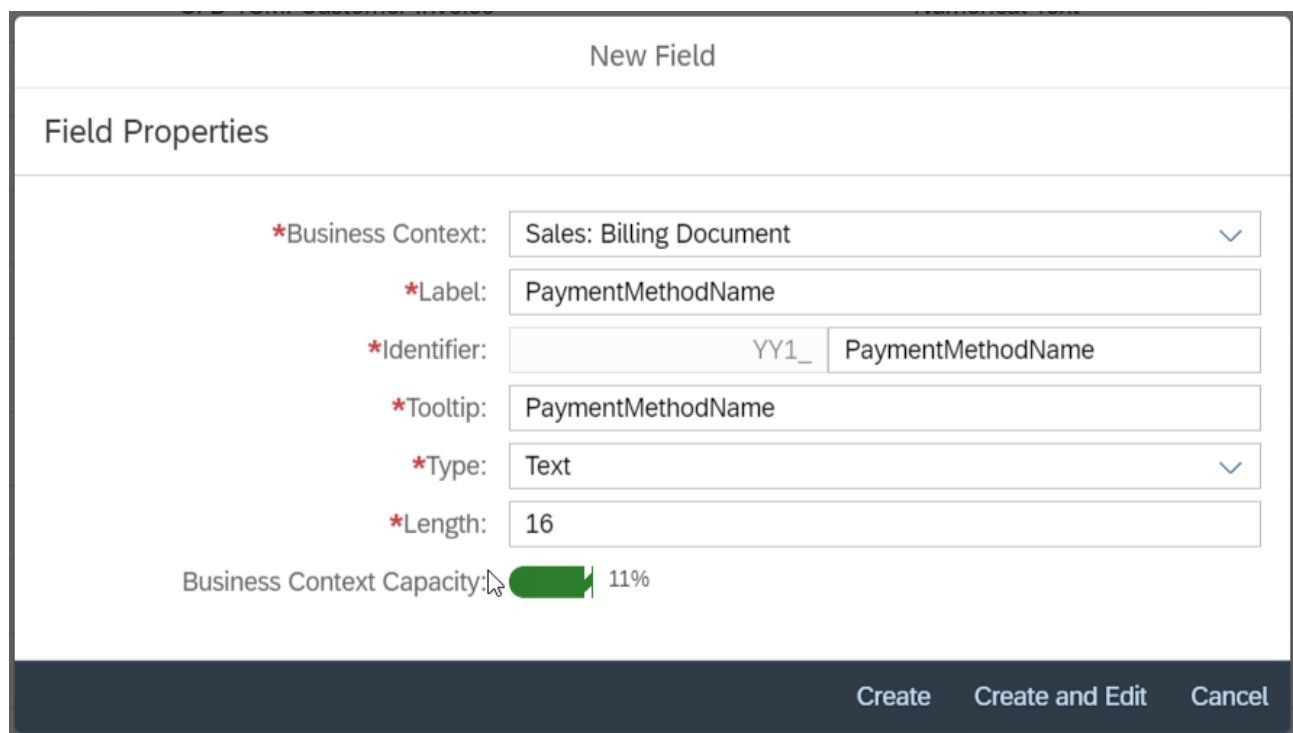
1.1 Aim

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 the 'New Field' dialog box in the SAP S/4HANA Extensibility business catalog. The 'Field Properties' section is visible, showing the following configuration:

- *Business Context:** Sales: Billing Document
- *Label:** PaymentMethodName
- *Identifier:** YY1_ PaymentMethodName
- *Tooltip:** PaymentMethodName
- *Type:** Text
- *Length:** 16

At the bottom, a progress bar indicates 'Business Context Capacity' at 11%. The dialog has three buttons at the bottom right: '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.

The screenshot shows the SAP 'Custom Fields and Logic' interface. The main header is 'PaymentMethodName' with a sub-header 'Text (16)' and 'YY1_PaymentMethodName'. The status is 'Not Published'. Below the header is a navigation bar with tabs: 'General Information', 'Email Templates (1)', 'Form Templates (55)', 'Business Scenarios (6)', 'UIs and Reports (8)', 'OData APIs (2)', 'SOAP APIs (2)', 'BAPIs (0)', and 'IDocs (0)'. The 'Form Templates' tab is selected, showing a table of form templates. The table has two columns: 'Description' and 'Field Usage'. The 'Field Usage' column has a status 'Enabled' and a button 'Disable Usage'.

Description	Field Usage
Credit Memo Form	Enabled <button>Disable Usage</button>
Credit Memo Form (Austria)	Enabled <button>Disable Usage</button>
Credit Memo Form (Belgium)	Enabled <button>Disable Usage</button>
Credit Memo Form (France)	Enabled <button>Disable Usage</button>
Credit Memo Form (Hungary)	Enabled <button>Disable Usage</button>
Credit Memo Form (Indonesia)	Enabled <button>Disable Usage</button>
Credit Memo Form (Ireland)	Enabled <button>Disable Usage</button>
Credit Memo Form (Italy)	Enabled <button>Disable Usage</button>
Credit Memo Form (Luxembourg)	Enabled <button>Disable Usage</button>
Credit Memo Form (Netherlands)	Enabled <button>Disable Usage</button>
Credit Memo Form (New Zealand)	Enabled <button>Disable Usage</button>
Credit Memo Form (Norway)	Enabled <button>Disable Usage</button>
Credit Memo Form (Philippines)	Enabled <button>Disable Usage</button>
Credit Memo Form (Spain)	Enabled <button>Disable Usage</button>
Credit Memo Form (USA)	Enabled <button>Disable Usage</button>

At the bottom right, there are buttons: 'Save', 'Publish', 'Discard Changes', 'Delete', 'Cancel', and a help icon.

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.

The screenshot shows the 'New Enhancement Implementation' dialog box. It has a title bar 'New Enhancement Implementation'. Inside, there are four fields with labels and dropdown menus:

- Business Context:** A dropdown menu with the selected value 'Sales: Billing Document'.
- *BApI Description:** A dropdown menu with the selected value 'Billing Standard Output Header Adaption'.
- *Implementation Description:** A text input field with the value 'Enhance Print Program'.
- *Implementation ID:** A text input field with the value 'YY1_ ENHANCEPRINTPROGRAM'.

At the bottom right, there are two buttons: 'Create' and '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.

Custom Fields and Logic

Available Fields Filter BAdI Documentation

Select Variant

billingdoc: Click to add value

billingdocdescr_extension_in: Click to add value

Create Draft Published Example

Published Logic

```
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
```

Save Draft Delete Test 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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