

Extensibility for Billing Document Printout

S/4 HANA Cloud



THE BEST RUN



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1 Provide Bill-To Language in Billing Document Output

1.1 Aim

Show Bill-To Language 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 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:** bill_to_language
- *Identifier:** YY1_ bill_to_language
- *Tooltip:** bill_to_language
- *Type:** Text
- *Length:** 2

At the bottom, the 'Business Context Capacity' is indicated as 4% with a green bar. The dialog has three buttons at the bottom right: 'Create', 'Create and Edit', and 'Cancel'.

This extension field is intended to store the Bill-To Language 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.



Custom Fields and Logic

bill_to_language

Text (2)

YY1_bill_to_language

Sales: Billing Document

General Information

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Form Templates

Description	Field Usage
Credit Memo Form	Enabled
Credit Memo Form (Austria)	Enabled
Credit Memo Form (Belgium)	Enabled
Credit Memo Form (France)	Enabled
Credit Memo Form (Hungary)	Enabled
Credit Memo Form (Indonesia)	Enabled
Credit Memo Form (Ireland)	Enabled
Credit Memo Form (Italy)	Enabled
Credit Memo Form (Luxembourg)	Enabled
Credit Memo Form (Netherlands)	Enabled

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. In case the Enhancement Implementation already exist, this step can be skipped.

New Enhancement Implementation

Business Context:

Sales: Billing Document

*BAdI Description:

Billing Standard Output Header Adaption

*Implementation Description:

Enhance Print Program

*Implementation ID:

YY1_ ENHANCEPRINTPROGRAM

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.
```

```
*get customer number for Bill-To  
select single customer  
  from i_billingdocumentpartner  
  into @data(lv_customer)  
  where billingdocument = @billingdoc-billingdocument  
  and partnerfunction = 'RE'.
```

```
*get language of Bill-To  
select single language  
  from i_customer  
  into @billingdoc_extension_out-yy1_bill_to_language_bdh  
  where customer = @lv_customer.
```

Save and publish the extension Logic.

Published Logic

```
1 * This method can be used to set values for output to billing document header extension fields.  
2 * Example:  
3 *  
4 * First of all assign existing extension field values to output parameter:  
5   billingdoc_extension_out = billingdoc_extension_in.  
6   billingdocdescr_extension_out = billingdocdescr_extension_in.  
7 *  
8 * Then change further values:  
9 *   if billingdoc-SoldToParty = 'ZCUST1'.  
10 *     billingdoc_extension_out-yy1_field_bdh = 'ABC'.  
11 *   endif.  
12  
13 *get customer number for Bill-To  
14 * select single customer  
15 *   from i_billingdocumentpartner  
16 *   into @data(lv_customer)  
17 *   where billingdocument = @billingdoc-billingdocument  
18 *   and partnerfunction = 'RE'.  
19  
20 *get language of Bill-To  
21 * select single language  
22 *   from i_customer  
23 *   into @billingdoc_extension_out-yy1_bill_to_language_bdh  
24 *   where customer = @lv_customer.  
25
```

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