

# Extensibility for Billing Document Printout

S/4 HANA Cloud



**THE BEST RUN**



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# 1 Provide Purchase Order by Customer in Billing Document Output

## 1.1 Aim

Show Purchase Order by Customer 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.

New Field

Field Properties

\*Business Context: Sales: Billing Document

\*Label: purchase\_order\_by\_customer

\*Identifier: YY1\_ purchase\_order

\*Tooltip: purchase\_order\_by\_customer

\*Type: Text

\*Length: 35

Business Context Capacity: 7%

Create Create and Edit Cancel

This extension field is intended to store the Purchase Order by Customer 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.

purchase\_order\_by\_customer

Text (35)

YY1\_purchase\_order

Sales: Billing Document

General Information

UIs and Reports (8)

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Business Scenarios (6)

OData APIs (2)

SOAP APIs (2)

BAPIs (0)

IDocs (0)

Form Templates

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>

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 [BAdI Description Billing Professional Services 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 Professional Services Output Header Adaption

\*Implementation Description:

Enhance\_Print\_Program

\*Implementation ID:

YY1\_ ENHANCE\_PRINT\_PROGRAM

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 SO number from first Item  
select single salesdocument  
  from i_billingdocumentitem  
  into @data(lv_salesdocument)  
  where billingdocument = @billingdoc-billingdocument.
```

```
*get Purchase Order By Customer  
select single purchaseorderbycustomer  
  from i_salesdocument  
  into @billingdoc_extension_out-yy1_purchase_order_bdh  
  where salesdocument = @lv_salesdocument.
```

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  
3 billingdoc_extension_out = billingdoc_extension_in.  
4 billingdocdescr_extension_out = billingdocdescr_extension_in.  
5  
6 *get SO number from first Item  
7 select single salesdocument  
8   from i_billingdocumentitem  
9   into @data(lv_salesdocument)  
10  where billingdocument = @billingdoc-billingdocument.  
11  
12 *get Purchase Order By Customer  
13 select single purchaseorderbycustomer  
14   from i_salesdocument  
15   into @billingdoc_extension_out-yy1_purchase_order_bdh  
16   where salesdocument = @lv_salesdocument.  
17
```

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