

Extensibility Purchase Order Date

SAP S/4 HANA Cloud



THE BEST RUN



TABLE OF CONTENTS

1 Provide Purchase Order Date in Billing Document Output 3

1.1 Aim..... 3

1.2 Steps to do 3

1.2.1 Creation of an extension field at Billing Document 3

1.2.2 Extend the Form Template with the Extension Field..... 4

1.2.3 Creation of an extension logic..... 5

1 Provide Purchase Order Date in Billing Document Output

1.1 Aim

Show Purchase order date 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.

New Field

Field Properties

*Business Context: Sales: Billing Document

*Label: PurchaseOrderDate

*Identifier: YY1_ PurchaseOrderDate

*Tooltip: PurchaseOrderDate

*Type: Date

Business Context Capacity: 1%

Create Create and Edit Cancel

This extension field is intended to store the Purchase Order Date 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.

PurchaseOrderDate

Date

YY1_PurchaseOrderDate

Sales: Billing Document

General Information

UIs and Reports (8)

Email Templates (1)

Form Templates (48)

Business Scenarios (4)

OData APIs (2)

SOAP APIs (1)

BAPIs (0)

IDocs (0)

Form Templates

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

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

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

```
*get PO date  
select single customerpurchaseorderdate  
from i_salesdocument  
into @billingdoc_extension_out-yy1_purchaseorderdate_bdh  
where salesdocument = @lv_salesdocument.
```

Save and publish the extension Logic.

billingdoc:

Click to add value

billingdocdescr_extension_in:

Click to add value

Published Logic

```
3 billingdoc_extension_out = billingdoc_extension_in.  
4 billingdocdescr_extension_out = billingdocdescr_extension_in.  
5  
6 *get SO number  
7 select single salesdocument  
8   from i_billingdocumentitem  
9   into @data(lv_salesdocument)  
10  where billingdocument = @billingdoc-billingdocument.  
11  
12 *get PO date  
13 select single customerpurchaseorderdate  
14   from i_salesdocument  
15   into @billingdoc_extension_out-yy1_purchaseorderdate_bdh  
16  where salesdocument = @lv_salesdocument.  
17  
18 if billingdoc-transactioncurrency ne 'SGD'.  
19 *get Exchange Rate  
20 select single accountingexchangerate  
21   from i_billingdocumentbasic  
22   into @data(lv_exchangerate)  
23   where billingdocument = @billingdoc-billingdocument.  
24  
25 if sy-subrc is initial.  
26   billingdoc_extension_out-yy1_exchangerate_bdh = 1 / lv_exchangerate.  
27 endif.  
28  
29  
30 *set Net Amount  
31 billingdoc_extension_out-yy1_netamount_bdh = billingdoc-totalnetamount.
```

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