# Extensibility for Billing Document Printout

S/4 HANA Cloud





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## 1 Provide Purchase Order by Customer in Billing Document Output

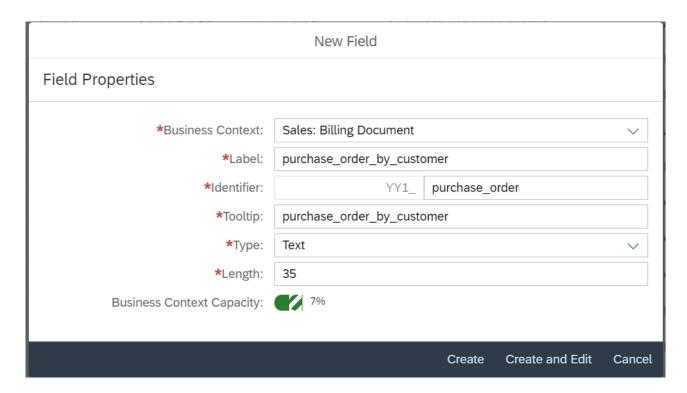
#### 1.1 Aim

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.



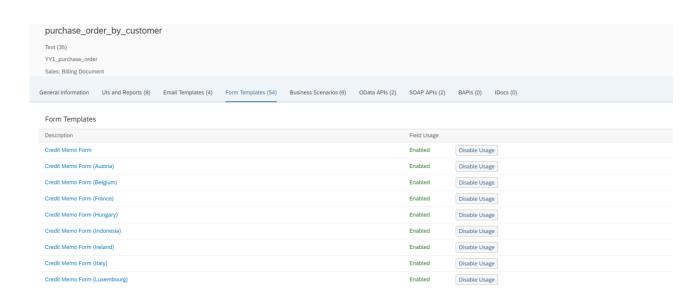
This extension field is intended to store the Purchase Order by Customer with the Billing Document.

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.

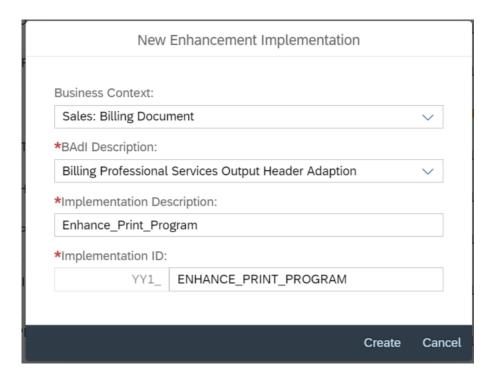
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Save and publish the extension field.

#### 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 *BAdl Description*Billing Professional Services Output Header Adaption and an appropriate Implementation Description. In case the Enhancement Implementation already exist, this step can be skipped.



Add the following example code to the Draft:

 $^{\star}$   $\,$  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.
   3 billingdoc_extension_out = billingdoc_extension_in
   4 billingdocdescr_extension_out = billingdocdescr_extension_in
   6 ⋅ *get SO number from first Item
   7 ▼ select single salesdocument
         from i_billingdocumentitem
   9
          into @data(lv_salesdocument)
          where billingdocument = @billingdoc-billingdocument
  10
  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.

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