Extensibility for Billing Document Printout

S/4 HANA Cloud





Table of Contents

1 Provide Sales Order Reason 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	3
1.2.3 Creation of an extension logic	4
2 Provide Sales Order Reason Text in Billing Document Output	6
2.1 Aim	6
2.2 Steps to do	6
2.2.1 Creation of an extension field at Billing Document	6
2.2.2 Extend the Form Template with the Extension Field	6
2.2.3 Creation of an extension logic	7

1 Provide Sales Order Reason in Billing Document Output

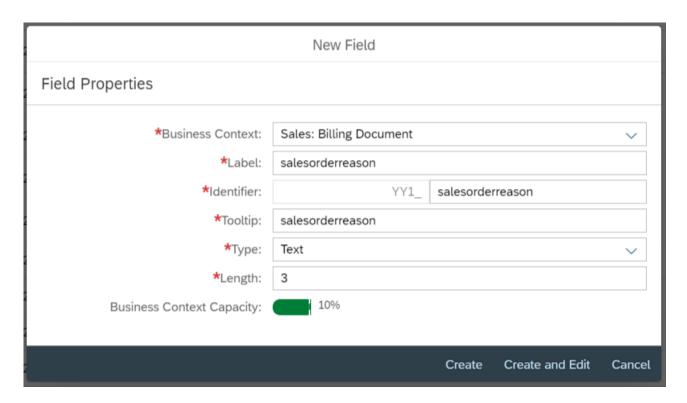
1.1 Aim

Show Sales Order Reason 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.

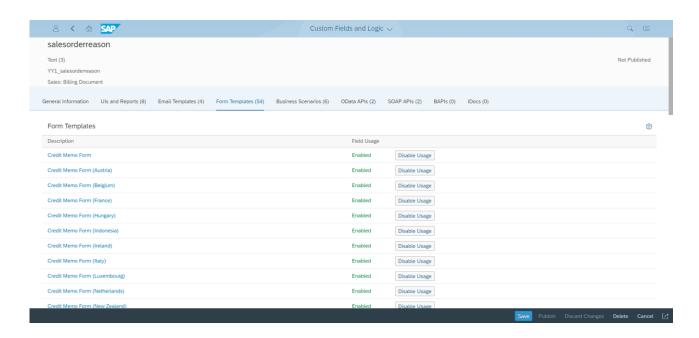


This extension field is intended to store the Sales Order Reason with the Billing Document.

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.



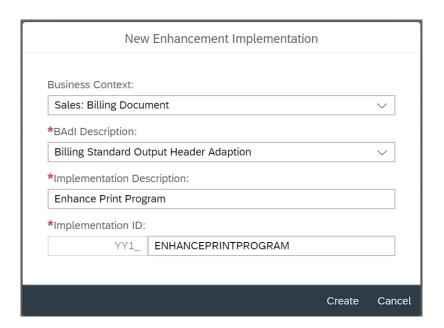
Save and publish the extension field.

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.



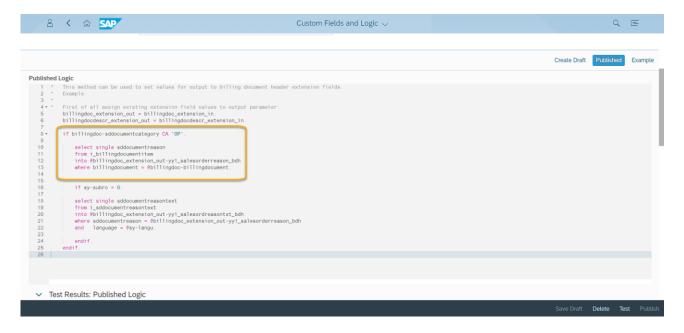
Add the following example code to the Draft:

- * This method can be used to set values for output to billing document header extension fields.
- * First of all assign existing extension field values to output parameter:

```
billingdoc_extension_out = billingdoc_extension_in.
billingdocdescr_extension_out = billingdocdescr_extension_in.
if billingdoc-sddocumentcategory CA 'OP'.

select single sddocumentreason
   from i_billingdocumentitem
   into @billingdoc_extension_out-yy1_salesorderreason_bdh
   where billingdocument = @billingdoc-billingdocument.
endif.
```

Save and publish the extension Logic.



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

2 Provide Sales Order Reason Text in Billing Document Output

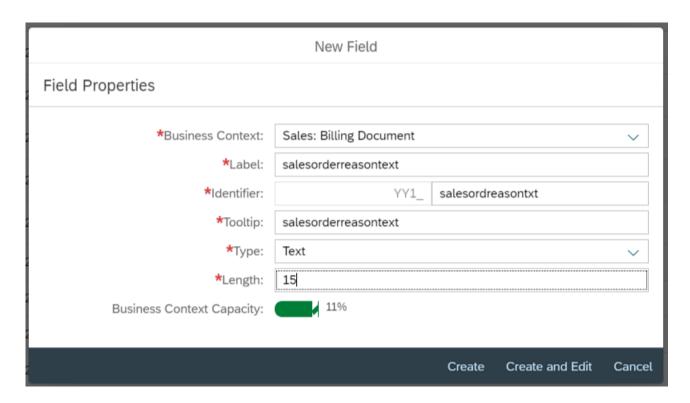
2.1 Aim

Show Sales Order Reason Text on Form Template Item of Billing Document.

2.2 Steps to do

2.2.1 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.

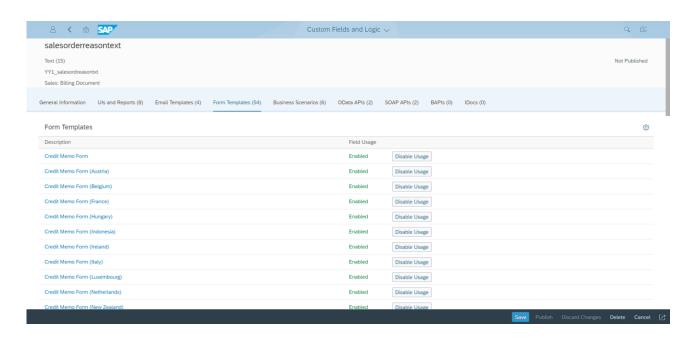


This extension field is intended to store the Sales Order Reason Text with the Billing Document.

Remark: The extension field will only be filled when triggering the output request.

2.2.2 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.



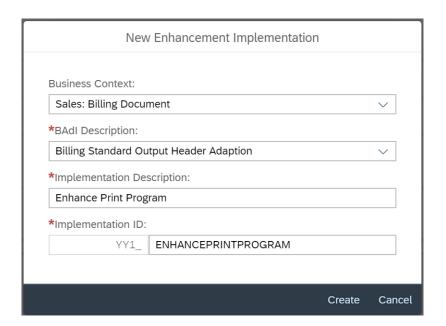
Save and publish the extension field.

2.2.3 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.



7

Add the following example code to the Draft:

- * This method can be used to set values for output to billing document header extension fields.
- * First of all assign existing extension field values to output parameter:

```
billingdoc_extension_out = billingdoc_extension_in.
billingdocdescr_extension_out = billingdocdescr_extension_in.

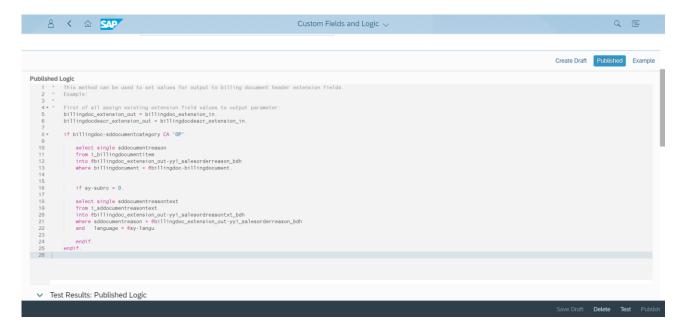
if billingdoc-sddocumentcategory CA 'OP'.

select single sddocumentreason
from i_billingdoc_extension_out-yy1_salesorderreason_bdh
where billingdoc_extension_out-yy1_salesorderreason_bdh
where billingdocument = @billingdoc_billingdocument.

if sy-subrc = 0.

select single sddocumentreasontext
from i_sddocumentreasontext
into @billingdoc_extension_out-yy1_salesordreasontxt_bdh
where sddocumentreason = @billingdoc_extension_out-yy1_salesorderreason_bdh
and language = @sy-langu.
endif.
endif.
```

Save and publish the extension Logic.



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