Extensibility for Billing Document Printout

S/4 HANA Cloud

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1   Provide Tax Percentage in Billing Document Output
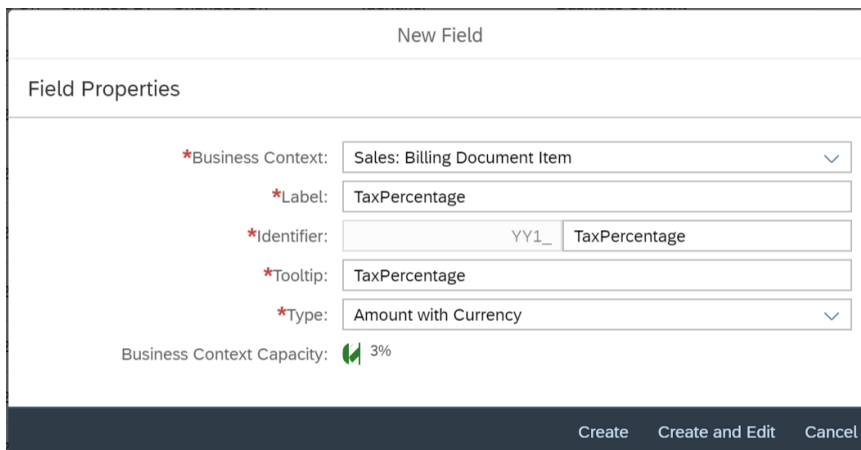
1.1   Aim

Show Tax Percentage on Form Template Item of Billing Document Item.

1.2   Steps to do

1.2.1   Creation of an extension field at Billing Document Item

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 Item` with an appropriate Type.

This extension field is intended to store the Tax Percentage with the Billing Document Item.

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* extend 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 Item` with *Definition Description* `Billing Standard Output Item 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:

```
*   First of all assign existing extension field values to output parameter:
    billingdocitem_ext_out = billingdocitem_ext_in.
    billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
*
*   Read tax percentage for specific billing document item:
    SELECT SINGLE conditionratevalue
     FROM   i_billingdocitemprcgelmntbasic
     WHERE billingdocument = @billingdocitem-billingdocument
     AND   billingdocumentitem = @billingdocitem-billingdocumentitem
     AND   pricingprocedurestep = '850'
     INTO @billingdocitem_ext_out-yy1_taxpercentage_bdi.
```

Save and publish the extension Logic.

Remark 1: The pricing procedure step depends on the pricing scheme and in case of customer pricing scheme the value could differ.

Remark 2: To see the new created extension field in the Billing Document Printout, it is necessary to create a new Form Template.