

# Adding a field in the validation (from version 2.10)

The following example extension shows how developers can add fields in the validation (here: document class invoice/credit note).

Optional integration events incl. sample procedures:

```
codeunit 50100 EventSubs
{
    //
    // [If you want to perform plausibility checks on the newly added header field, this is
    the place]
    //
    [EventSubscriber(ObjectType::Codeunit, Codeunit::"DXP SQZ P. Inv/Crdt Memo Impl.",
    'OnAfterDoHeaderPlausibilityChecks', '', false, false)]
    local procedure SQZPInvCrdtMemoImplOnBeforeDoHeaderPlausibilityChecks(DocHeader: Record
    "DXP SQZ Document Header"; var PlausibilityCheck: Codeunit "DXP Plausiblity Check Mgt.")
    begin
        CheckCustomer(PlausibilityCheck, DocHeader."Customer No.");
    end;

    //
    // [If you want to perform plausibility checks on the newly added line field, this is the
    place]
    //
    [EventSubscriber(ObjectType::Codeunit, Codeunit::"DXP SQZ P. Inv/Crdt Memo Impl.",
    'OnAfterDoLinePlausibilityChecks', '', false, false)]
    local procedure SQZPInvCrdtMemoImplOnAfterDoLinePlausibilityChecks(DocHeader: Record "DXP
    SQZ Document Header"; DocLine: Record "DXP SQZ Document Line"; var PlausibilityCheck:
    Codeunit "DXP Plausiblity Check Mgt.")
    begin
```

```

        CheckCustomer(PlausibilityCheck, DocLine."Customer No.");
    end;

[ TryFunction]
local procedure CustomerExists(CustomerNo: Code[20])
var
    Customer: Record Customer;
begin
    Customer.Get(CustomerNo);
end;

local procedure CheckCustomer(var PlausibilityCheck: Codeunit "DXP Plausiblity Check
Mgt."; CustomerNo: Code[20]): Boolean
begin
    if CustomerNo = '' then
        exit(false);

    if not CustomerExists(CustomerNo) then begin
        PlausibilityCheck.AddPlausibilityCheckEntry(GetLastErrorText(), Page: "Customer
List");
        exit(false);
    end;

    exit(true);
end;
}

```

## Table Extensions:

### SQUEEZE 4 BC

```

tableextension 50100 "SQZ Doc. Header Ext." extends "DXP SQZ Document Header"
{
    fields
    {
        field(50100; "Customer No."; Code[20])
        {
            TableRelation = Customer;
            ValidateTableRelation = false;
            Caption = 'Customer No.';

```

```

    }
}

```

```

tableextension 50101 "SQZ Doc. Line Ext." extends "DXP SQZ Document Line"
{
    fields
    {
        field(50100; "Customer No."; Code[20])
        {
            TableRelation = Customer;
            ValidateTableRelation = false;
            Caption = 'Customer No.';
        }
    }
}

```

## Target document (here: Purchase Document)

```

tableextension 50102 "Purchase Header Ext." extends "Purchase Header"
{
    fields
    {
        field(50100; "DXP Customer No."; Code[20])
        {
            DataClassification = CustomerContent;
            TableRelation = Customer;
            Caption = 'DEXPRO Customer No.';
        }
    }
}

```

## Page Extensions:

### SQUEEZE 4 BC

```

pageextension 50100 "SQZ Document Ext." extends "DXP SQZ Document v2"
{

```

```

layout
{
    addafter(BuyFromVendorInternal)
    {
        field("Customer No. Internal"; Rec."Customer No.")
        {
            ApplicationArea = All;
            ToolTip = 'Specifies the value of the Customer No. field.';
            //The following code is optional. It is used to highlight a recognized value in
the Squeeze Viewer
            trigger OnAssistEdit()
            begin
                MarkField(Rec.FieldNo("Customer No."), Rec."Customer No.",
Rec);
            end;

            trigger OnValidate()
            begin
                CheckPlausibility();
            end;
        }
    }
    addafter(BuyFromVendorExternal)
    {
        field("Customer No."; Rec."Customer No.")
        {
            ApplicationArea = All;
            ToolTip = 'Specifies the value of the Customer No. field.';
            //The following code is optional. It is used to highlight a recognized value
in the Squeeze Viewer
            trigger OnAssistEdit()
            var
                ApiMgt: Codeunit "DXP SQZ API Mgt.";
                ViewerResident: Codeunit "DXP SQUEEZE Viewer Resident";
            begin
                MarkField(Rec.FieldNo("Customer No."), Rec."Customer No.",
Rec);
            end;

            trigger OnValidate()

```

```

        begin
            CheckPlausibility();
        end;
    }
}

local procedure MarkField( AppFldNo: Integer; FieldVal: Variant; DocHeader: Record "DXP
SQZ Document Header")
var
    ApiMgt: Codeunit "DXP SQZ API Mgt.";
    ViewerResident: Codeunit "DXP SQUEEZE Viewer Resident";
begin
    ViewerResident := GetViewerResident();
    ApiMgt.MarkField( AppFldNo, FieldVal, ViewerResident, DocHeader);
end;
}

```

```

pageextension 50101 "SQZ Document Sf. Ext." extends "DXP SQZ Document Subform"
{
    layout
    {
        addafter("No.")
        {
            field("Customer No."; Rec."Customer No.")
            {
                ApplicationArea = All;
                ToolTip = 'Specifies the value of the Customer No. field.';
            }
        }
    }
}

```

## Target document (here: Purchase document)

```

pageextension 50102 "Purchase Invoice Ext." extends "Purchase Invoice"
{
    layout
    {
        addafter("Buy-from Vendor No.")
    }
}

```

```

    {
        field("DXP Customer No."; Rec."DXP Customer No.")
        {
            ToolTip = 'Specifies the value of the DEXPRO Customer No.
field.';

            ApplicationArea = all;
        }
    }
}

```

```

pageextension 50103 "Purchase Inv. Sf Ext." extends "Purch. Invoice Subform"
{
    layout
    {
        addafter("No.")
        {
            field("DXP Customer No."; Rec."DXP Customer No.")
            {
                ToolTip = 'Specifies the value of the DEXPRO Customer No.
field.';

                ApplicationArea = all;
            }
        }
    }
}

```

Revision #1

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