PUBLIC

How-To Guide:
SAP Master Data Governance, cloud edition - Extensibility (Configuring Predefined Custom Fields)

Applicable Releases:

All

Version 1.1

November 2024

Document History

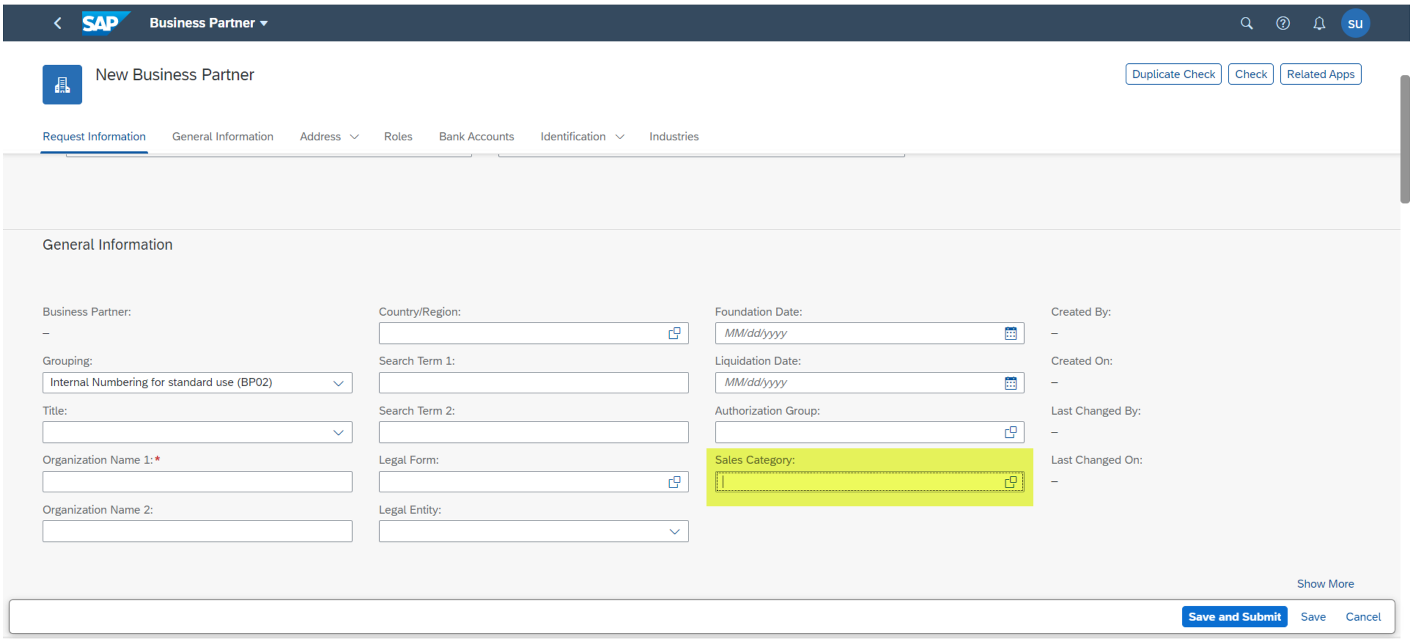
Document Version	Description
1.0	First official release of this guide
1.1	Format updates

Table of contents

1. Business Scenario

SAP Master Data Governance, cloud edition provides business processes to find, create and change master data. It supports the governance of master data and the distribution to SAP Master Data Integration. Domain-specific content is provided as part of the standard. It is a common requirement from customers to adapt the MDG data models to their specific needs. This guide explains how to configure one predefined custom field.

The following screenshot shows you the result of this how-to guide: The custom field “Sales Category” is offered for maintenance.



2. Background Information

Since November 2021 the SaaS solution “SAP Master Data Governance, cloud edition” is available on SAP Business Technology Platform. This version supports the feature “Extensibility: Configure Predefined Custom Fields”. With this app, you can add custom fields to the business partner general data (table BUT00). These fields can be used for central governance processes, consolidation processes, and data quality evaluation results.

The official documentation can be reviewed here: Field Extensibility

This how-to guide will show you the individual steps with a concrete example. It also has some screenshots which help you to understand the configuration steps. You can repeat these steps in your own BTP environment. Do not hesitate to do so because the whole process is “code free” and requires no technical or programming skills at all.

Please be aware that this feature is not available in the trial version of SAP Master Data Governance, cloud edition.

In this demo/ example we will configure a new custom field called “Sales Category”. The technical requirements are summarized with the following statements:

1. The field should be available on BP level (BUT000)
2. The name of the field is “Sales Category”
3. The field should have a “code list” attached to it with 3 values
    - Normal
    - Critical
    - Internal
4. The field must be visible on requestor level while requesting a new BP
5. The field must be available for consolidation and DQM as well
6. Data Validation: The requestor/end user needs to enter a value for the field in central governance if the BP-Type is “Organization” and the “BP Grouping BP02” is used.

3. Functional Restrictions

The following restrictions apply:

- Not applicable/available on SAP Master Data Governance, cloud edition (trial version)
- Max. 10 custom fields possible
- No conditional logic for displaying of the field

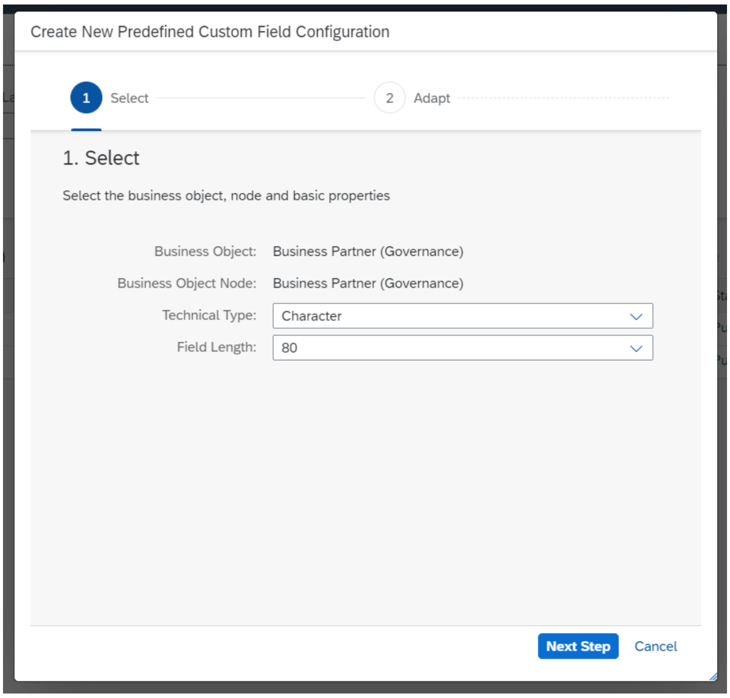
4. Step by Step Explanation

Step 1 is the only mandatory step. Afterwards, the field is available for usage in all capabilities of SAP MDG, cloud edition. If you want to show the predefined custom field in the user interface of Central Governance you need to go through step 2. Step 3 and 4 is only relevant of you want to show/use the field in consolidation and/or data quality management. Step 5 is relevant if you want to use the custom field in a validation rule.

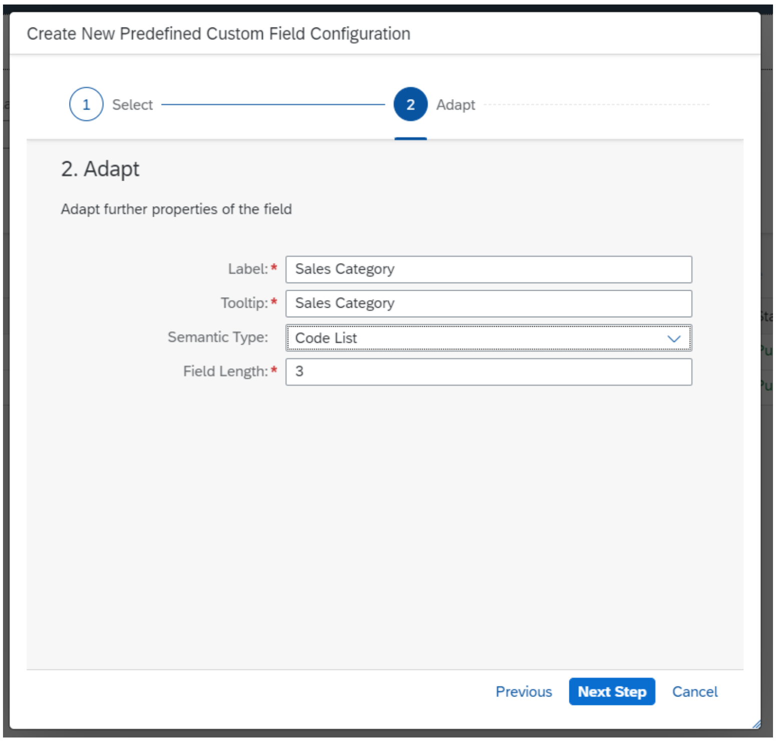
4.1. Step 1: App "Configure Predefined Custom Fields" to define the basics

Make sure you have the appropriate authorization and start the app Configure Predefined Custom Fields. Start the app from the launchpad:

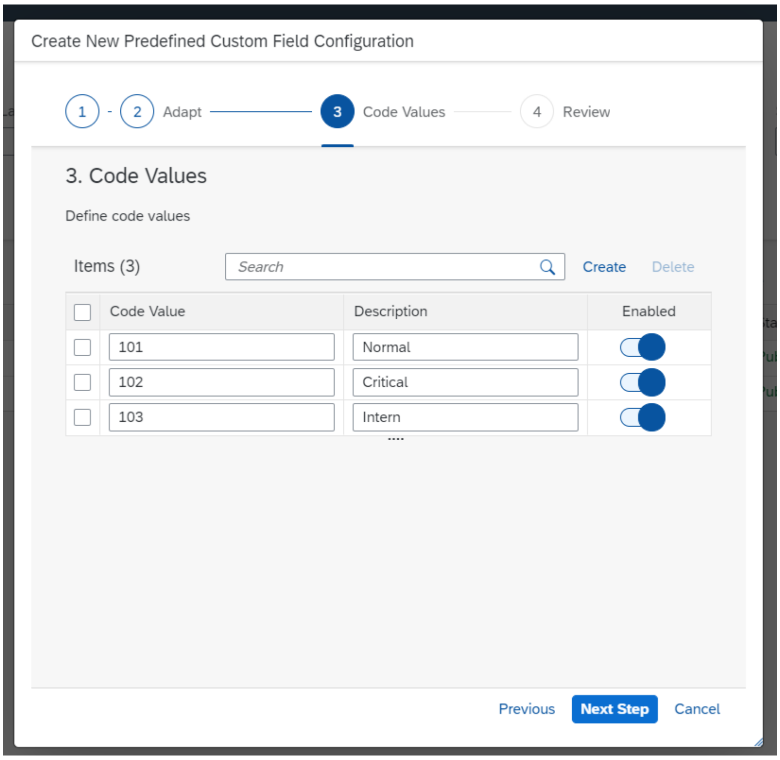
In the next screen, click on "Create" to start the configuration of the field. The system displays a wizard to guide you through the process. In the first step, choose the technical type and the field length.



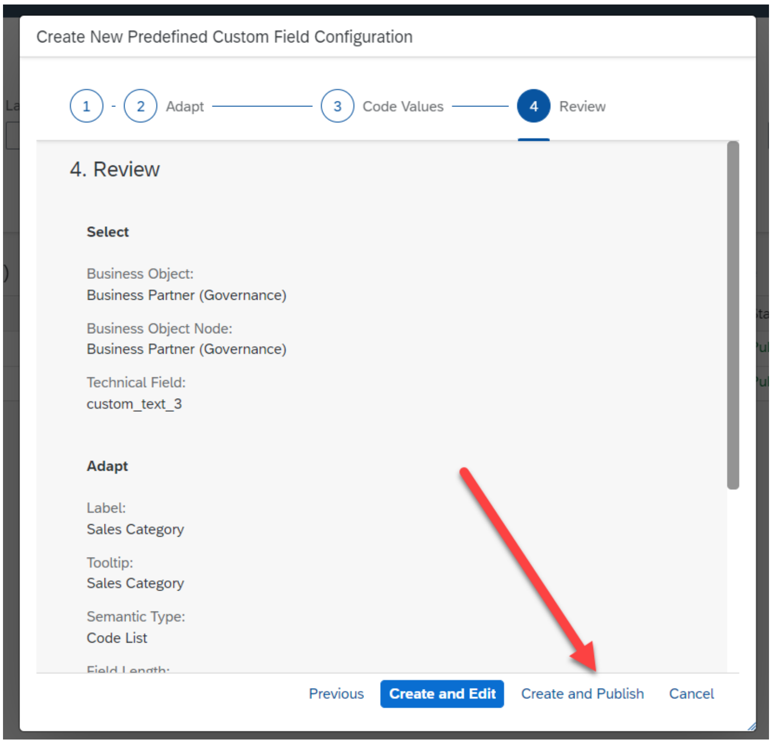
After clicking next, enter the label information and the Sematic Type. Choose “Code List” and define 3 as the field length.



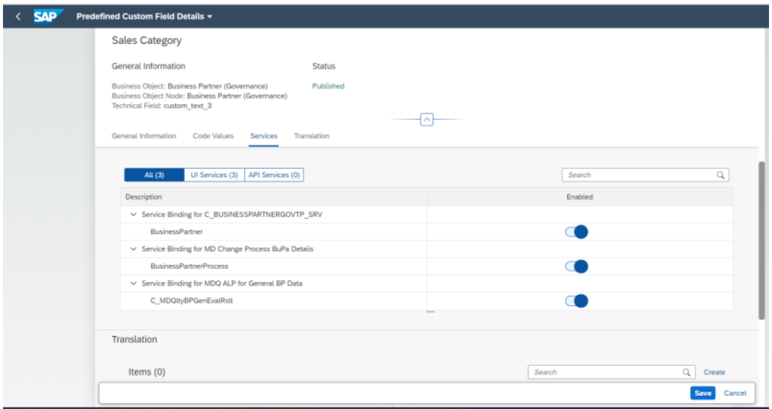
In the next step you maintain the values



Click on Next Step, review your data, and click on “Create and Publish”



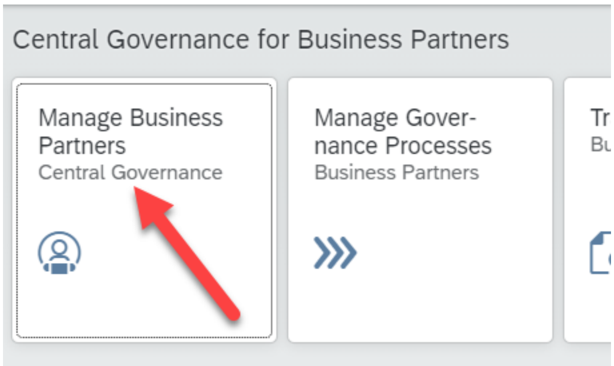
Make sure that the services are Enabled. If they are not enabled you need to enable them and publish the services again.



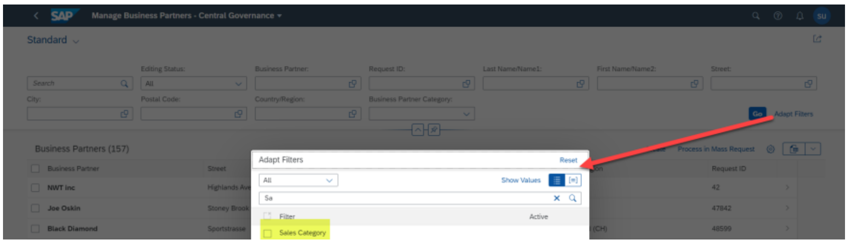
First test of the new field

Without further steps the new field “Sales Category” is available in the app “Manage Business Partner – Central Governance” in the filter criteria.

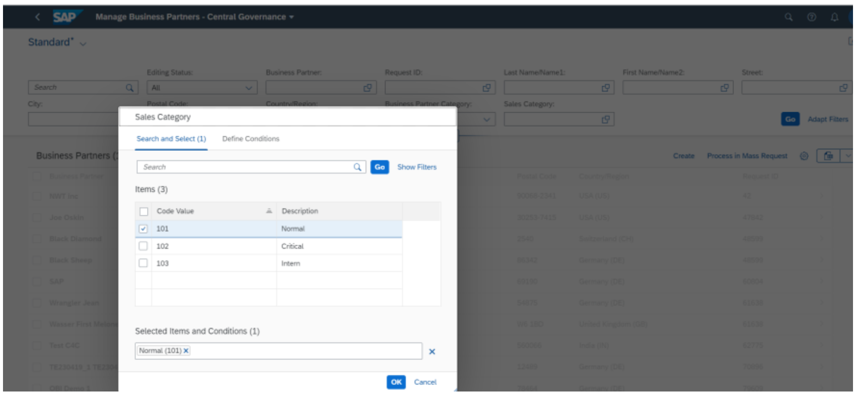
To test this, start the app “Manage Business Partner – Central Governance”



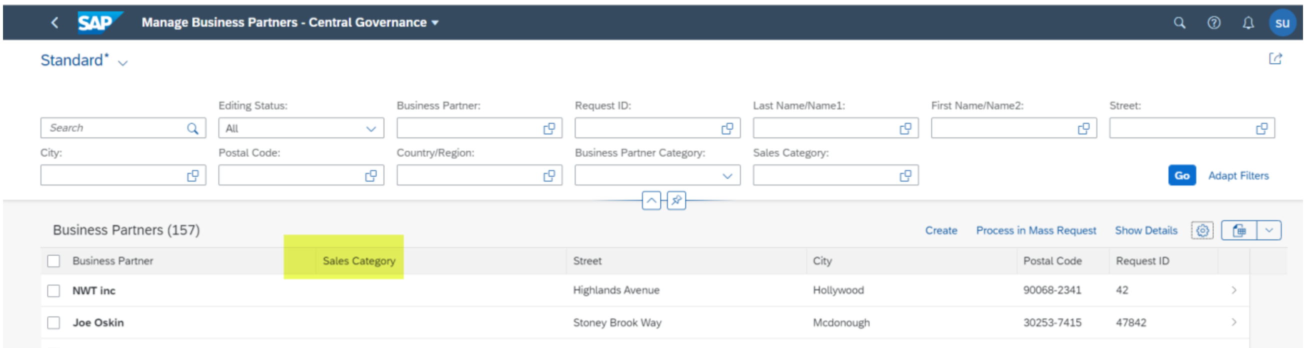
Starting up this app the first time after you published the custom field may take a while because the UI gets recompiled. After some seconds you will see the screen. Click on “Adapt Filters” and search for your new field to enable it for filtering/searching.



Now you can filter the result list on your custom field.



The field is also available to be displayed as a column in the result list. You just need to configure it via “settings”



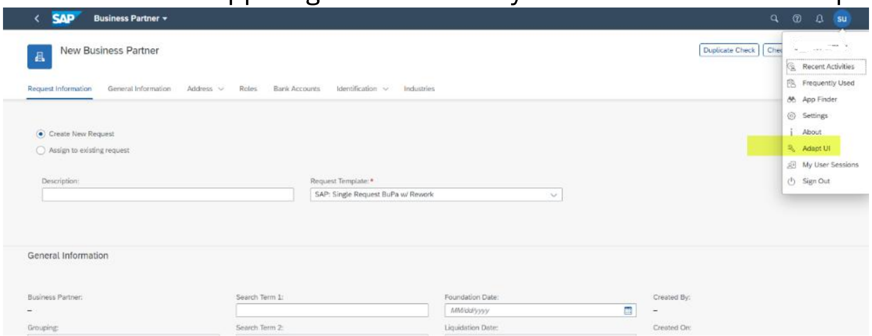
4.2. Step 2: Central Governance - Adapt the user interface

In this chapter, you will add the new field to the UI of the central governance. This is important to be able to maintain and view the field during creating and maintaining business partner in central governance.

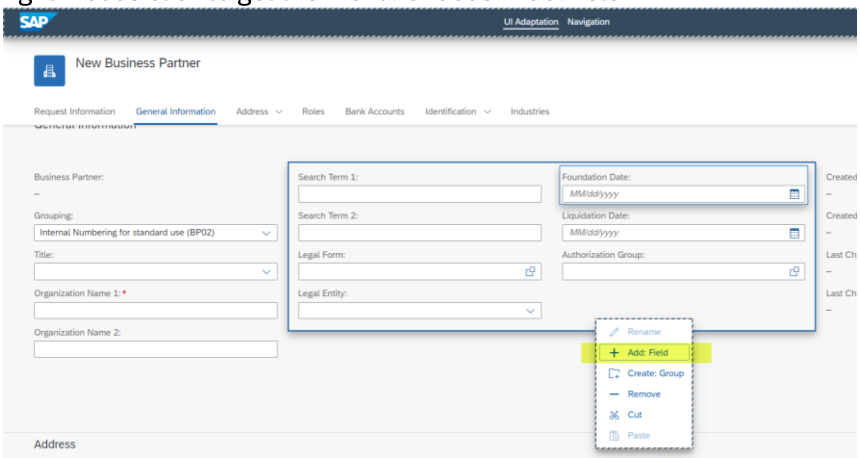
The adjustment is done via the "SAP Fiori UI – Adapt UI" feature.

The steps are:

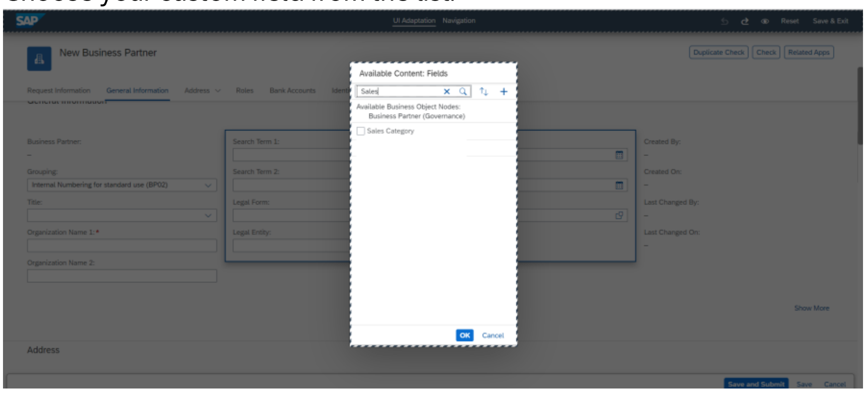
- Open the UI you want to adapt. In my example it's the app "Manage Business Partner – Central Governance".
- Click on the "Create" Button
- Choose "Organization"
- Enter some dummy values in the pop-up screen
- Now: Click on the upper right-hand side on your initials and select "Adapt UI"



- The UI is now in adaption mode and you can select the group where you want to add the field. Do a right mouse click to get the menu. Choose "Add: field"

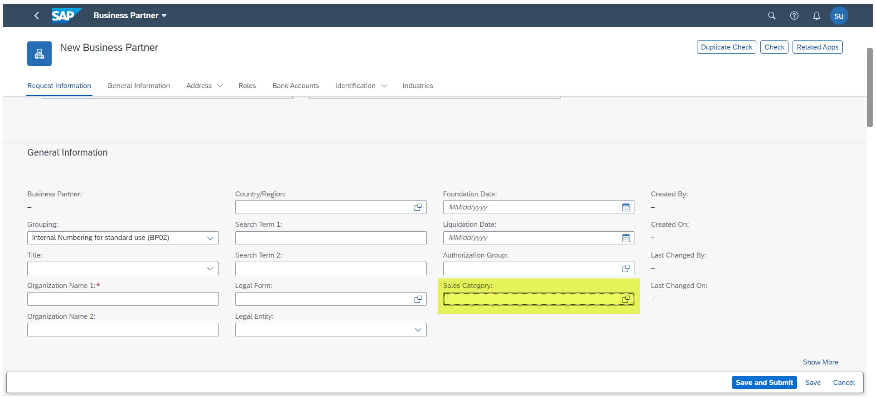


- Choose your custom field from the list.



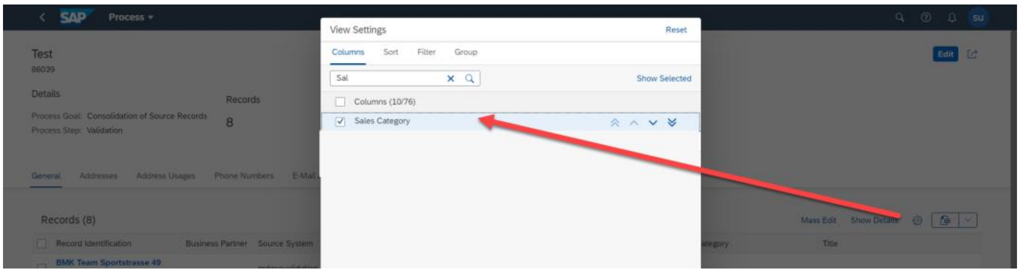
- Click Ok
- Click on "Save & Exit" to leave the adaption mode

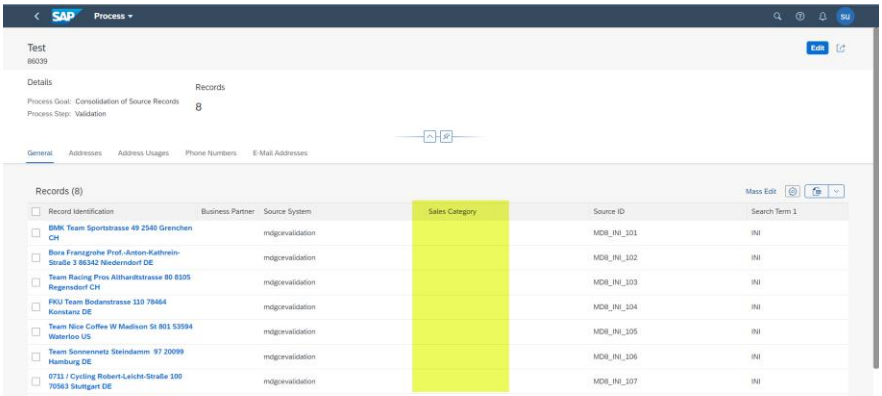
- After the page is reloaded, you will see the new field on the User Interface:



4.3. Step 3: Consolidation - Adapt the user interface

You don't have to make any specific settings for consolidation. The custom field is available in all relevant screens. You can display the field while entering the "settings". The following screenshot shows you how to display the field in the "Show Details" screen of the "Initial Check" step.

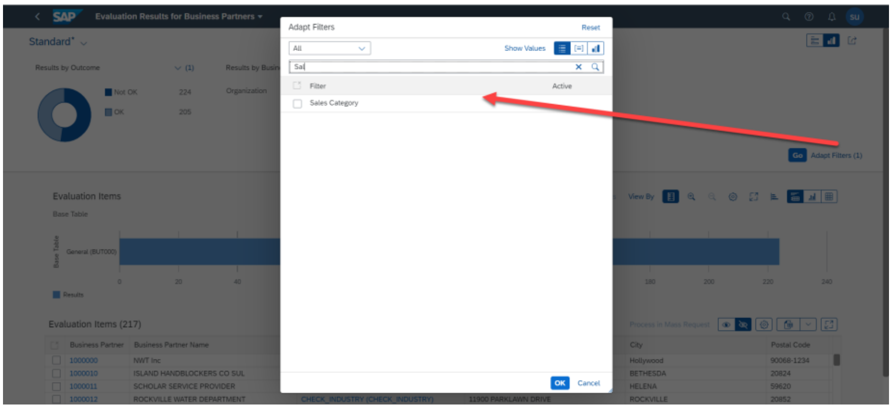




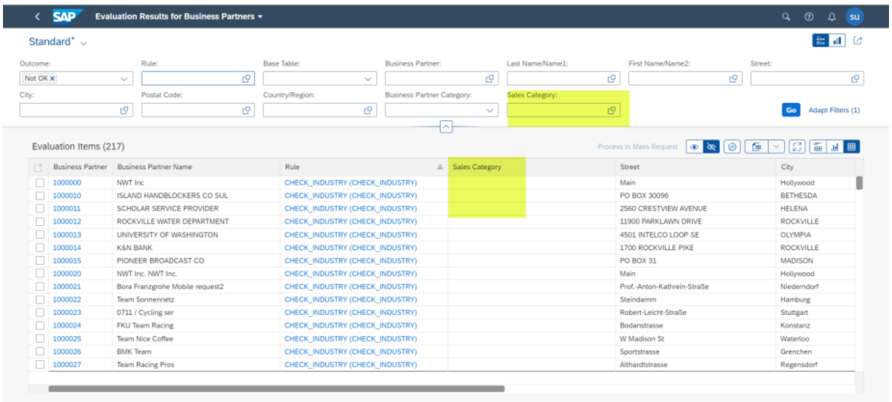
4.4. Step 4: Data Quality Evaluation results - Adapt the user interface

The custom field is available to be displayed without further adaption. You can use the "settings" to display the new field in filters and result tables.

The following screenshot shows how to add the field as an filter within the app "Evaluation Results for Business Partners".



The next screenshot shows the runtime UI. As you can see the custom field is displayed in the filter criteria and the evaluation items table.

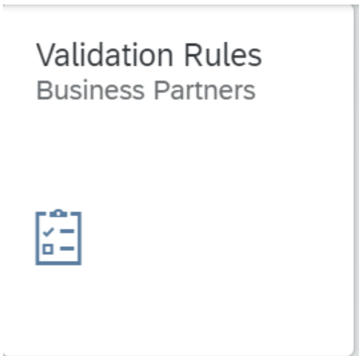


4.5. Step 5: Validations Rules: Define rule for custom field

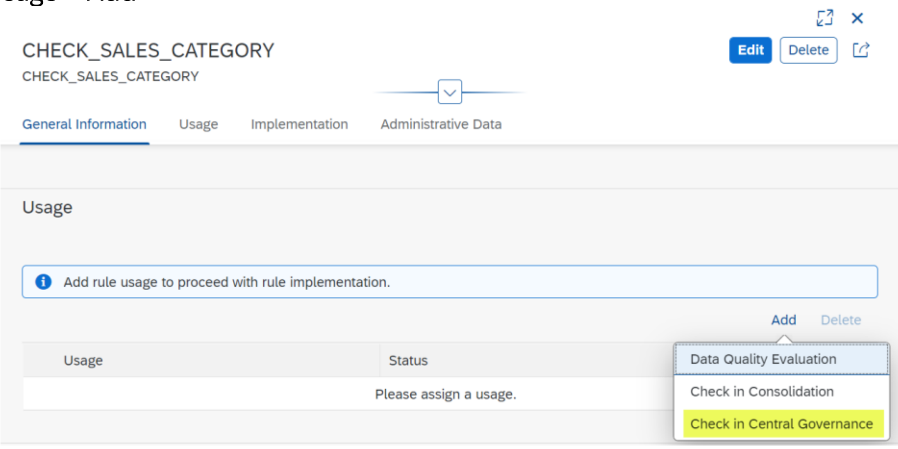
The predefined custom field is also available for usage in validation rules. In this example, we will define a simple validation rule for the new field “Sales Category”. The requestor of a new Business Partner needs to select a value for the field if he requests a BP-Type “Organization” and the “BP-Grouping BP02 (Internal number range)”.

To define the validation rule, you need to do the following steps:

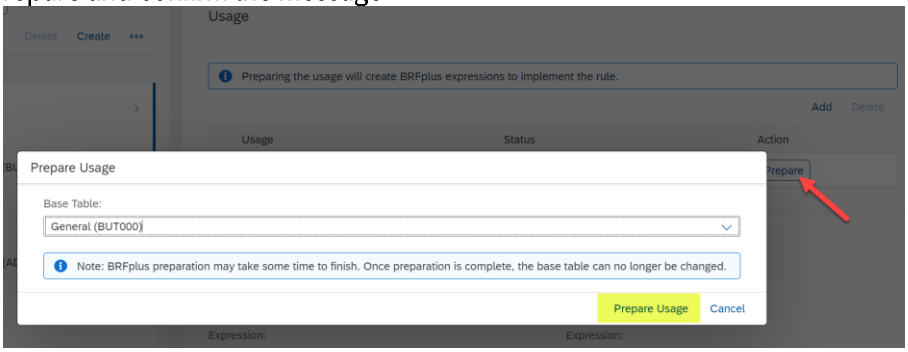
1. Start app “Validation Rules-Business Partners”



2. Click on “Create” to define the following details for the new rule:
   a. Rule Name and ID “CHECK_SALES_CATEGORY”
   b. Base Table: BUT000
   c. Checked Field: <as_you_want>
3. Click on the “Create” button
4. Now click on the button “Send for Implementation”
5. Click on Usage – Add

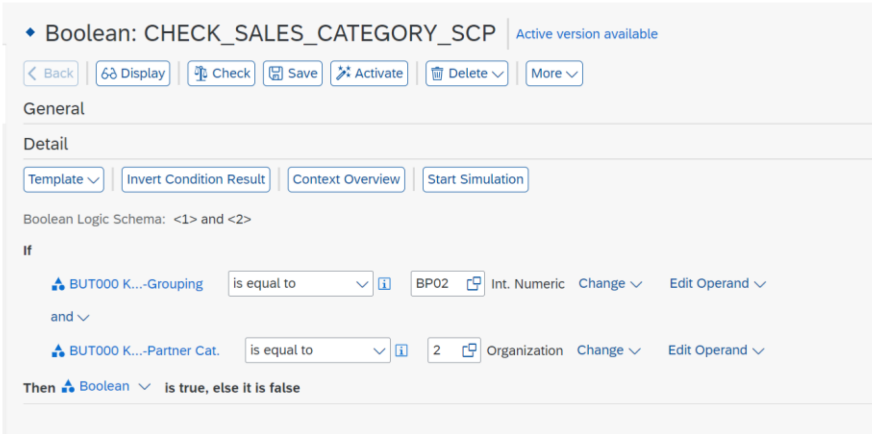


6. Click on Prepare and confirm the message

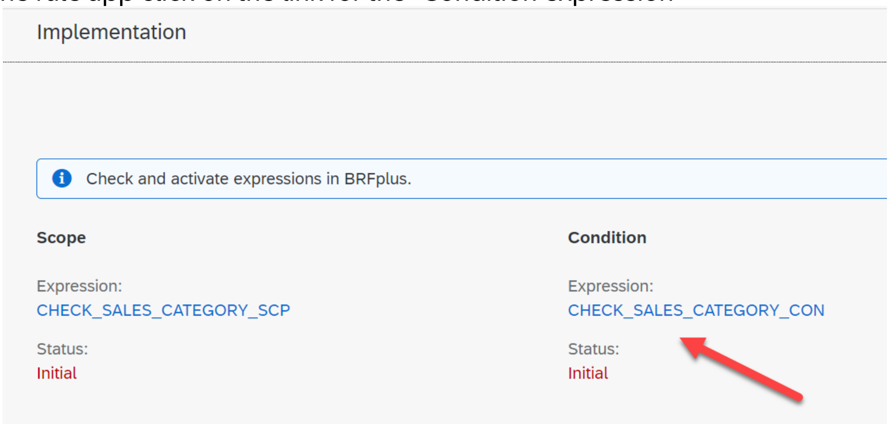


7. Click on the “link” CHECK_SALES_CATEGORY_SCP to define the scope of the rule

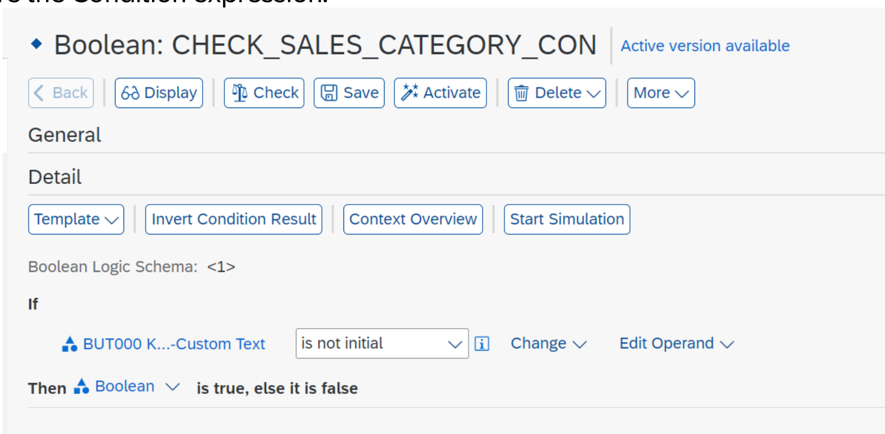
8. Within BRF+ you need to configure the scope expression:



9. Go back the rule app click on the link for the “Condition expression”

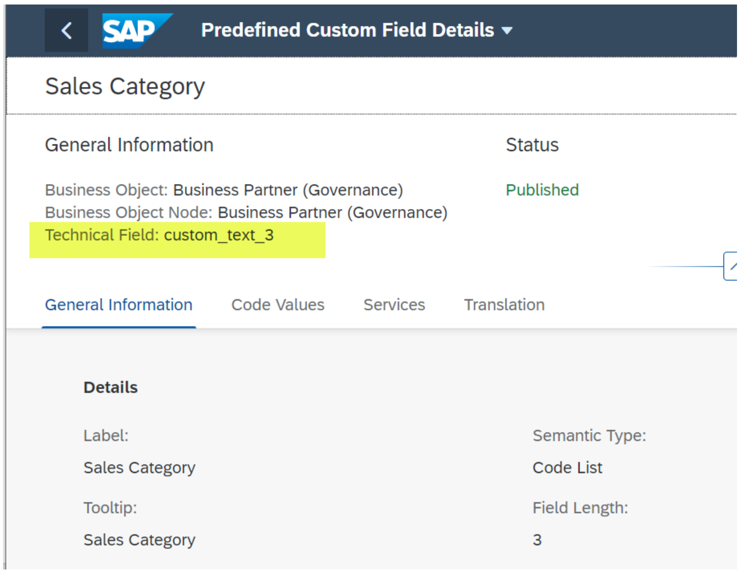


10. Configure the Condition expression:

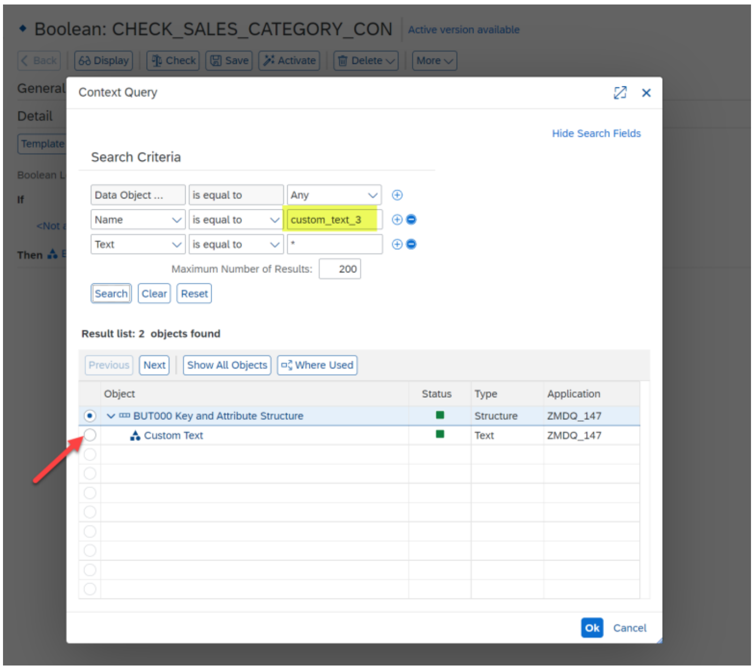


Hint:

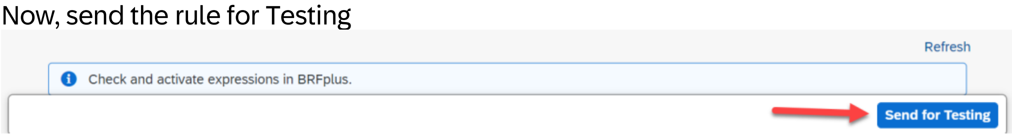
To identify the correct Custom Text field you need to open the app “Configure predefined custom fields” again and remember the technical name of the predefined field which you used:



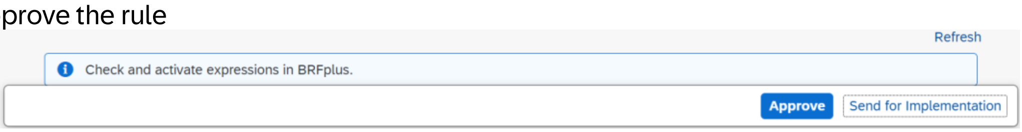
If you configure the condition expression, you need to search for the context field which you want to check. You can use the technical name to find the correct field:



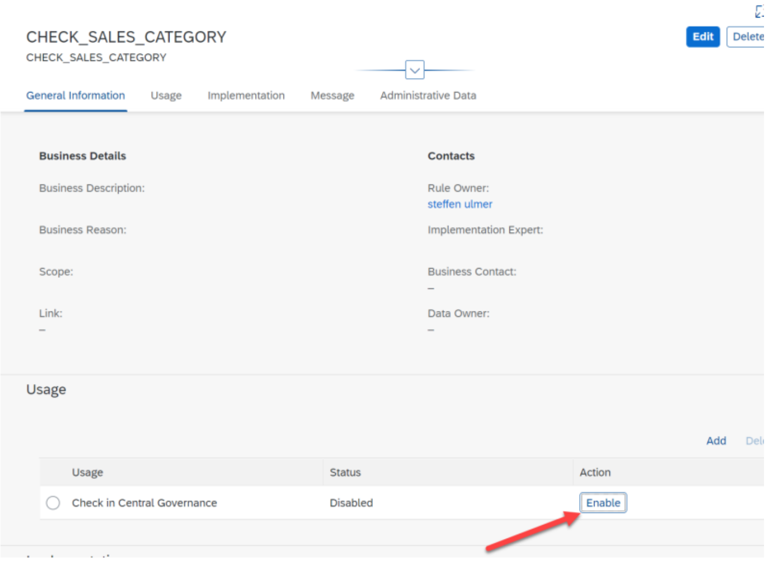
11. Now, send the rule for Testing



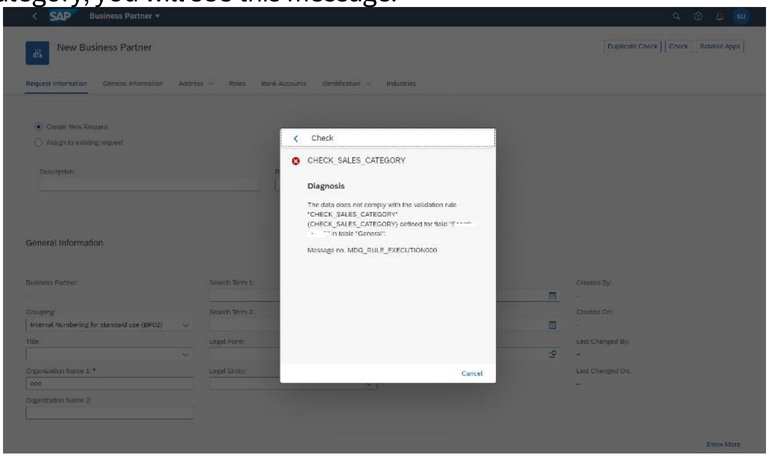
12. Then, approve the rule



13. As a last step, enable to rule for the Central Governance



14. Now you can test the new validation rule within a Central Governance process. If you don't enter a Sales Category, you will see this message:



5. Summary

As you learned in this tutorial, it is easy to add a custom field in about SAP Master Data Governance, cloud edition. No programming or technical skills are required.

For more information about SAP Master Data Governance, cloud edition, see the SAP Community page.

6.