PUBLIC

How-To Add Fields to the Change Request UI

Applicable Releases:

From EHP6 for SAP ERP 6.0 and from S/4HANA 1511

Version 1.1

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Document History

Document Version	Description
1.0	First official release of this guide (2011)
1.1	Apply current template (2023)

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1 Business Scenario

SAP Master Data Governance (MDG) provides business processes to find, create, change, and mark master data for deletion. It supports the governance of master data in a central hub and the distribution to connected operational and business intelligence systems.

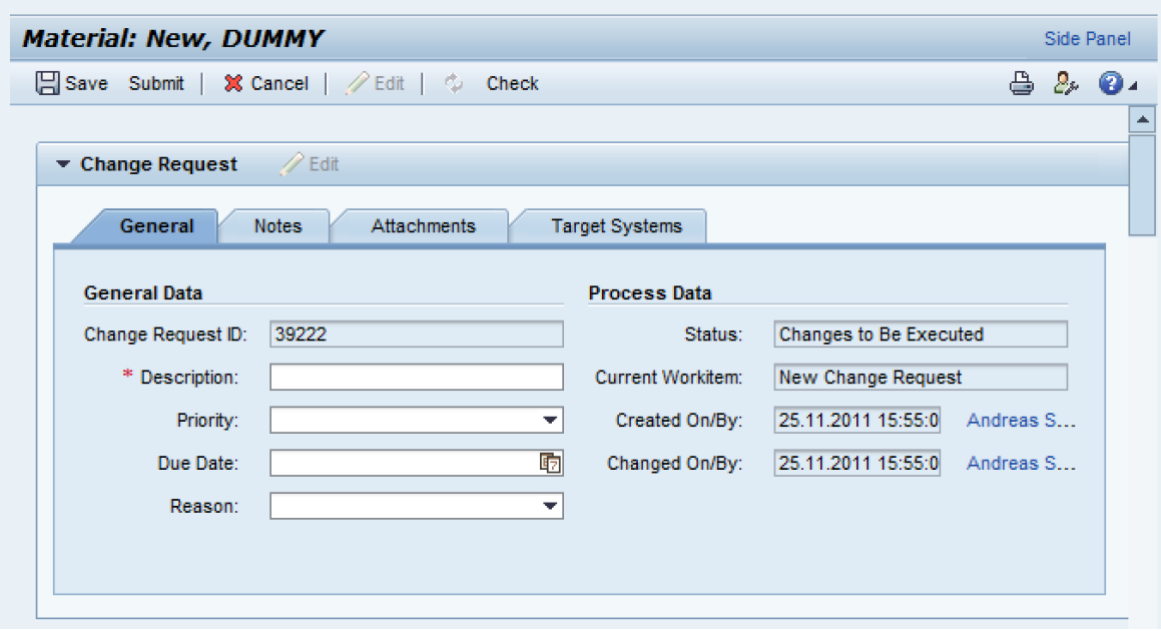
The processes are workflow-driven and can include several approval and revision phases, and the collaboration of all users participating in the master data maintenance.

MDG offers change request (CR)-based processing of master data with integrated workflow, staging, approval, activation, and distribution.

When you create or change any master data object with MDG, you do this with a change request. The change request holds various pieces of information about the intended change, such as a description, priority, current status and many more. With enhancement package 6, the standard UI configuration of MDG for Material and for Supplier comes with a set of fields that are displayed in the change request area on the screen. There are some more fields available that can easily be added to the UI by customization, without any coding and modification. This blog describes how you can do this with the UI technologies that are used by the domain specific Web Dynpro applications for material and supplier. Please note that this procedure does not apply to the generic MDG Web Dynpro application (USMD_ENTITY_VALUE2), which is used for MDG for financial data or for custom defined objects.

2 Introduction

The area depicted in the screen shot is the Change Request UI Building Block (CRUIBB). It is already prepared to display further information. As an example, you are going to add the change request type. In order to add the field, you are going to customize the configuration of the CRUIBB with the Floor Plan Manager Configurator (FPM Configurator). For more information on FPM and its concepts I strongly recommend reading note 1619534 (How to Create, Enhance and Adapt FPM Applications).



As already mentioned, you are going to customize the configuration, which means that:

- The changes will apply to all users of the client to which you are logged on.
- Your customization will be stored as a “delta” to the configuration provided by SAP,
- Will not be a modification and
- It will still be possible to apply corrections to the configuration provided by SAP.

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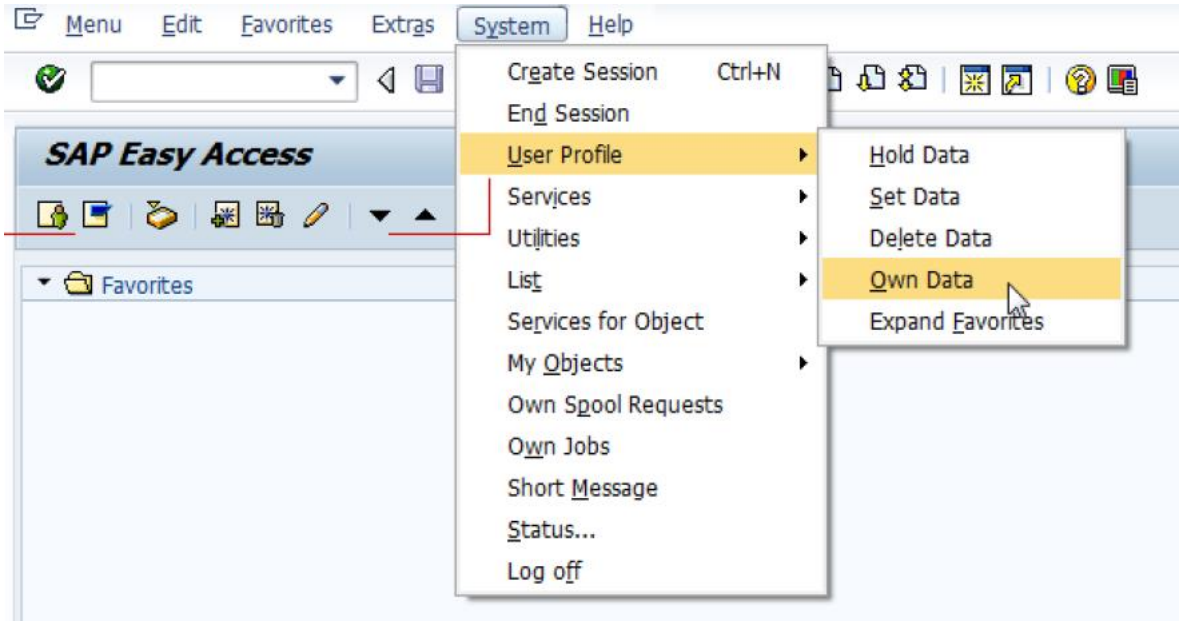
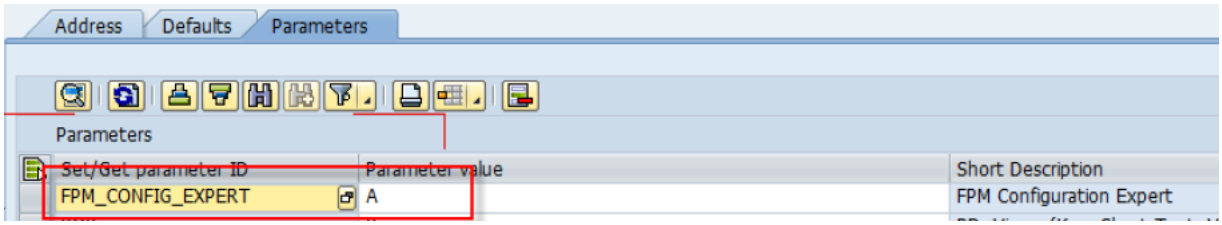
2.1 Enable FPM Administration

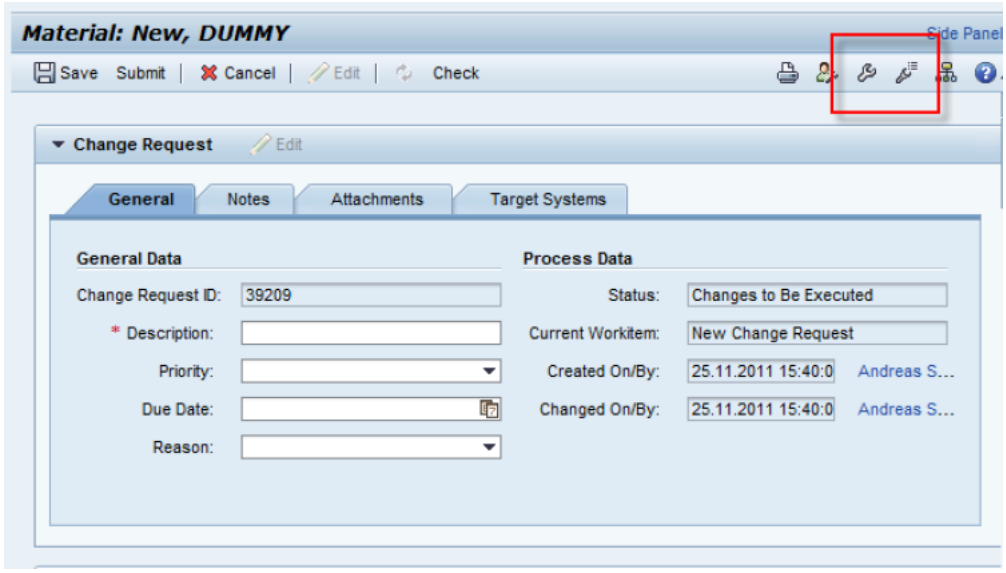
In order to get access to the FPM configurator for customization, add the parameter **`FPM_CONFIG_EXPERT`** with value **`A`** (A = Administrator) to your user profile.





2.2 Select the UIBB for Customization

Launch the Web Dynpro UI for creating a material. Now, with the **`FPM_CONFIG_EXPERT=A`** parameter you have 3 additional buttons in the top toolbar: Customize Page, Show Customizable Areas, and Application Hierarchy.



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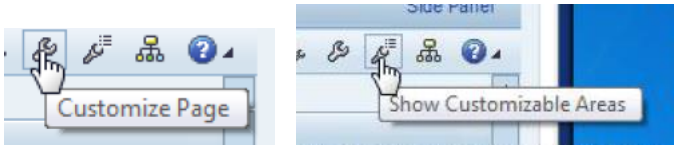
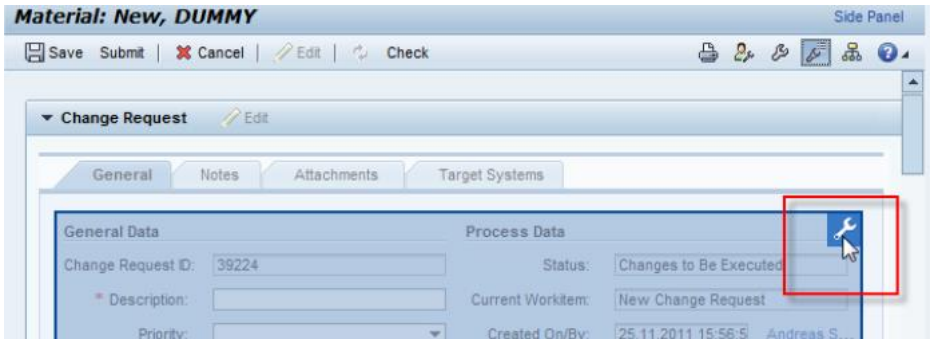
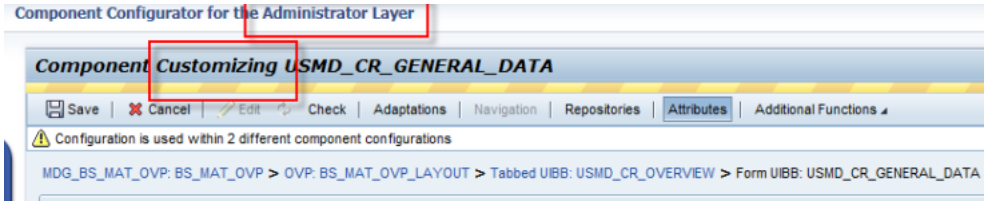


If the tool tip read “Configure” you might have added the value X for the parameter FPM_CONFIG_EXPERT. This is not want we want here. Please read note 1619534 for more information.

Select “Show Customizable Areas”.



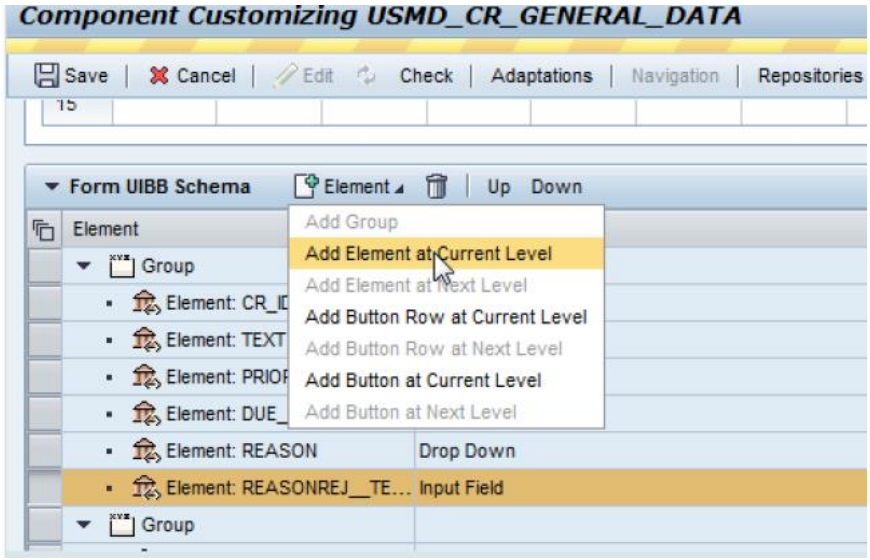
Click on the screw-wrench symbol in the top right corner of the CRUIBB. This will open the FPM Component Configurator in customizing mode. You can easily recognize this mode from the words “Administration Layer”, “Customizing”, and the orange-yellow bar.



If you create a customization for the first time, the configurator will show an error message and you need to explicitly confirm the creation of a customization by selecting “New”.

2.3 Add an UI Element for the Field

In the table “Form UIBB Schema”, select the element after which the field should be displayed. Then select “Add Element” → “Add Element at Current Level”.



From the list of available fields, select **`CRTYPE__TEXT`** and select “OK”.

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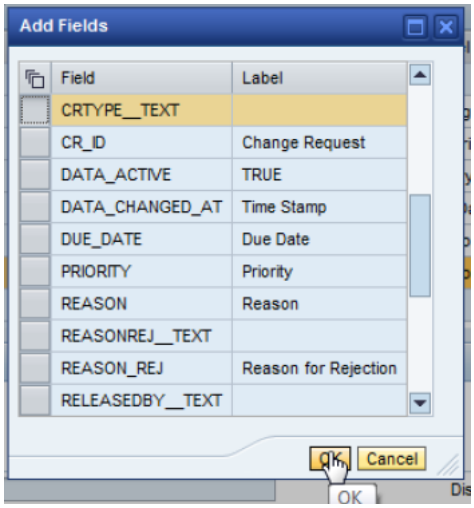
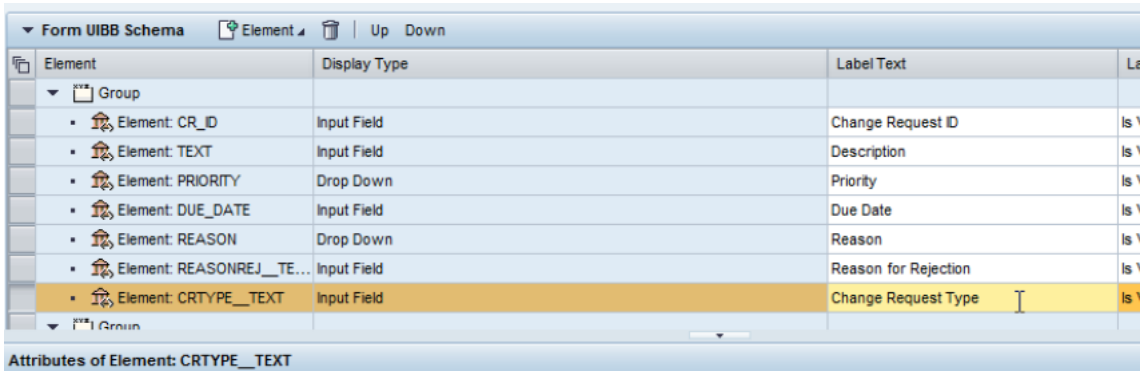
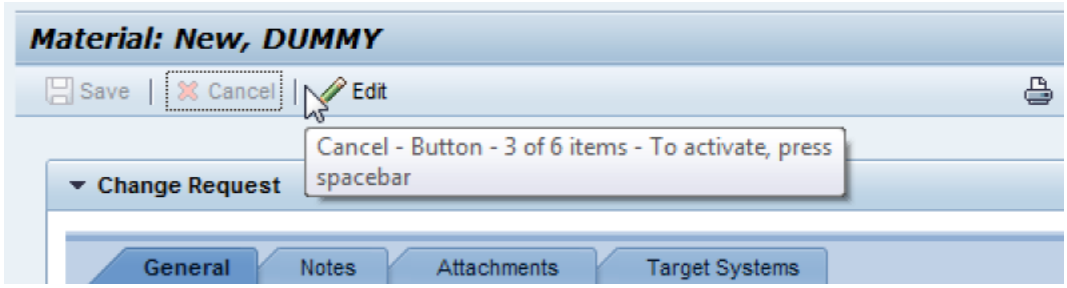




A new UI element is added, for which you should enter the “Change Request Type” as the label text. Now, save the customization and select a customizing request as appropriate for your use case. Close the configurator.

2.4 Show the changed CRUIBB

If the screen for creating the material is still open, cancel the request.



Then enter the screen again and you will see the changed CRUIBB.

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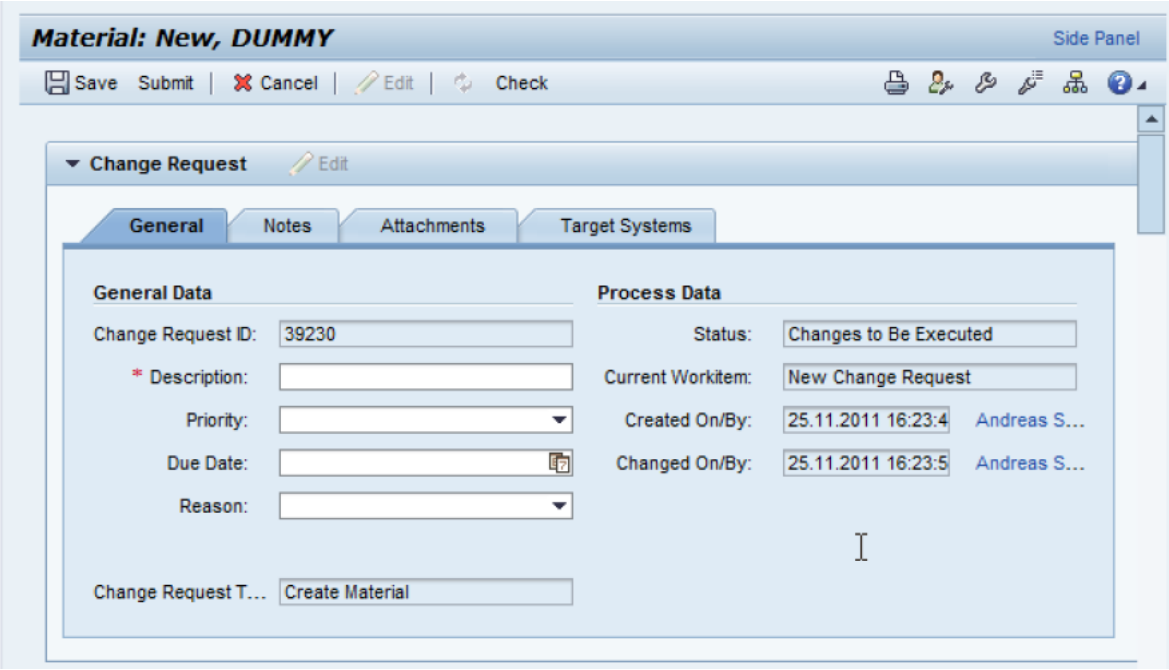
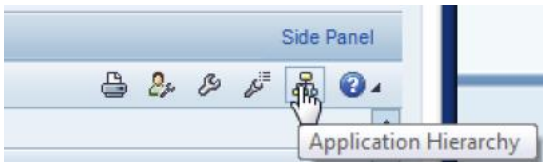
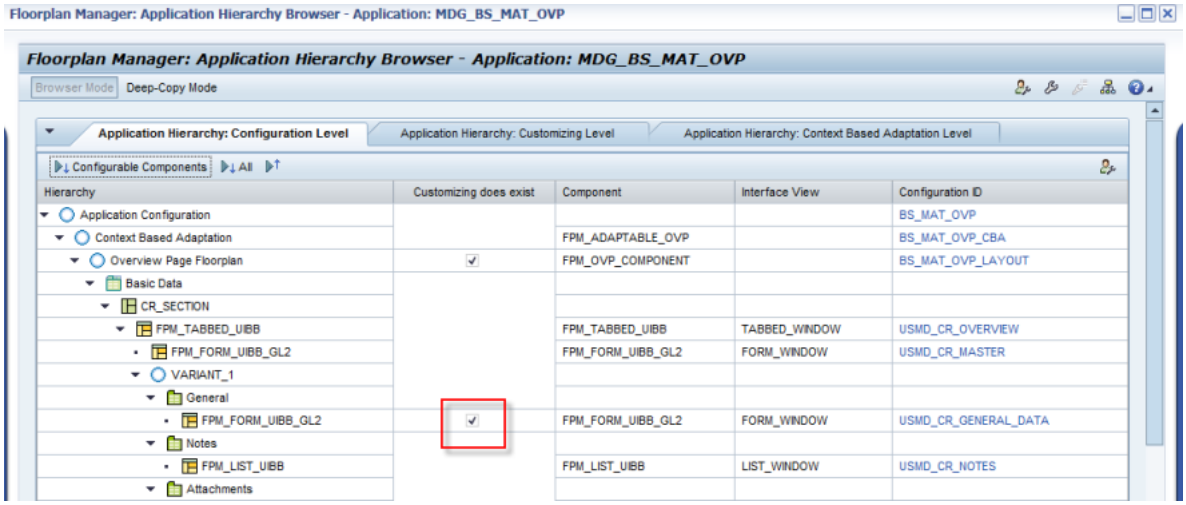


2.5 Revert back to Standard

When you have FPM administrator mode enabled, you can use the button “Application Hierarchy” to check, whether a customization of the UI configuration has been created.





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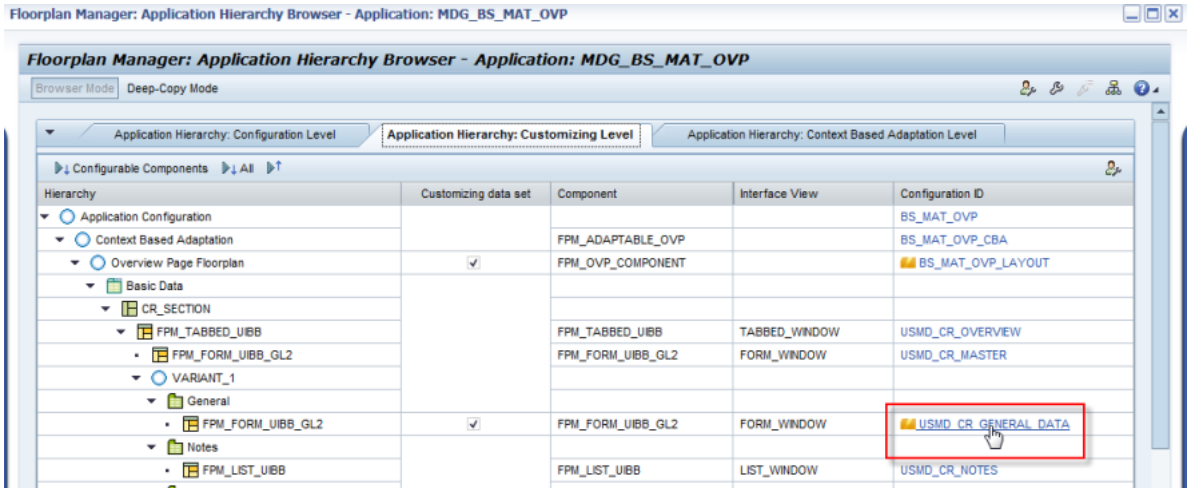
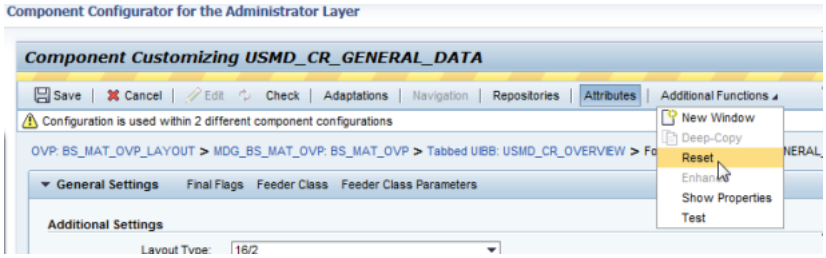


From the respective tabs of the application hierarchy, you can easily navigate to the FPM configuration as well as to the customization. When you open the customization again in FPM configurator, you can revert to the original configuration by resetting the customization.



2.6 Available Field in the CR UIBB

At the time of writing, the CRUIBB is prepared to show these fields in addition to the default configuration:

- Type of Change Request (**`TYPE`**)
- Type of Change Request – Description (**`CRTYPE__TEXT`**)
- Change Request Step Type (**`WFSTEPTYPE__TEXT`**)

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3 Additional Information

3.1 Further Reading

3.1.1 Information on SAP MDG on SAP S/4HANA

- Exchange knowledge: SAP Community | Q&A | Blog
- Try SAP Master Data Governance on S/4HANA for free: Trial Version
- Try SAP Master Data Governance on S/4HANA on the SAP Cloud Applicance Library: S/4HANA 2022 FPS1
- Learn more: Latest Release | Help Portal | How-to Information | Key Presentations

3.1.2 SAP Roadmap Explorer

- Please see the roadmap for SAP Master Data Governance

3.1.3 Related Information

- Learn more: Floorplan Manager for Web Dynpro ABAP | How to Adapt FPM | FPM Blog | How-to Information | Service Mapping Tool | SAP S/4HANA Cookbook CVI

3.2 SAP Notes

In addition to the detailed explanations written in this document, please see the following SAP Notes for further important information.

Note	Description
1619534	How to Create, Enhance and Adapt FPM Applications

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