

How-To Guide: Extend RFM User Interface using Context Based Adaptation

Applies to

Prometheus Group Solutions for MDG RFM

Summary

This guide helps you extend the MDG User Interface (UI) of RFM using the Context Based Adaptations (CBA). CBA is a process to create adaptations of your application to use in context-specific cases. The primary advantage with the Floorplan Management (FPM) is that it has the option to adapt applications without the need for modification.

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Table of Contents

Introduction.....3

Limitation3

UI Extension3

Context Based Adaptations.....3

 Adaptation Schema3

 Dimensions4

Context-Based Adaptation Example4

 Steps for Hiding UIBB: Sales.....4

 Verify Changes6

Introduction

This guide helps you extending the Master Data Governance (MDG) User Interface (UI) for Retail and Fashion Management (RFM) to display the additional data and hide certain fields or User Interface Building Blocks (UIBBs) based on business requirements using Context Based Adaptations (CBA).

Limitation

In the current release, CBA does not support toolbar buttons.

UI Extension

To extend the Retail and Fashion Management (RFM) UI, you can use the Prometheus Group delivered application configuration and configure the settings with CBA.

The delivered application configuration for RFM are listed in the following table:

Component	Name
Package	/UGI4/MDG_ARTICLE
Web Dynpro Application	USMD_OVP_GEN
Application Configurations	/UGI4/_AR_OVP_MARA

Context Based Adaptations

The option to adapt applications without the need for modification is one of the main benefits offered by Floorplan Manager (FPM). The possibilities of Web Dynpro Customizing in combination with the Enhancement Framework already provide far more options than the classic Dynpro in this respect. With CBA, the UI can be adapted depending on runtime parameters.

Adaptation Schema

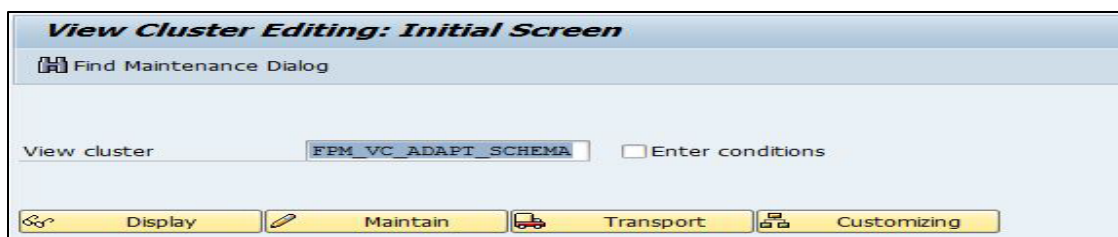
The adaptation schema is a list of dimensions or characteristics that can be used for adaptations. In fact, a parameter that affects an adaptable application is known as an adaptation dimension. Adaptation dimensions are attached to the adaptation schema.

The Adaptation Schema used for an Article is /UGI4/RFM. The delivered dimensions are:

- Action
- Change Request Type
- Article Type
- Article Category
- Workflow Step




To maintain the adaptation schema and its dimensions, use the following steps.

1. Run t-code SM34 with View cluster FPM_VC_ADAPT_SCHEMA.



- Click Display.

Transport View "Dimensions": Overview

Include in Request Delete from Request   

Dialog Structure

- Schemata
 - Dimensions

Schema /UGI4/RFM

Adapt. Di...	Index of Di...	Data element
ACTION	50	USMD_ACTION
ATTYP	250	/UGI4/ATTYP
CRTYPE	100	USMD_CREQUEST_TYPE
MTART	200	/UGI4/MTART
WFSTEP	300	USMD_CREQUEST_APPSTEP

- Create a new adaptation schema (probably a copy of /UGI4/RFM), if you need more dimensions, or other dimension models to influence your governance UI.
- To use the new schema, use the following steps:
 - Copy the original application configuration (for example /UGI4/_AR_OVP_MARA).
 - Create a new configuration (in standard /UGI4/_AR_OVP_CBA) of the component FPM_ADAPTABLE_OVP
 - Assign your own adaption schema in this configuration

Dimensions

Dimensions with values are specified at the call (in the URL) can be used to influence the layout on Floorplan level (for example configuration /UGI4/_AR_MARA_OVP). They must be defined as application parameters (here WD application USMD_OVP_GEN). On this configuration level (Floorplan), these values are evaluated only once at the start of the application.

If the initiated OVP should be adapted dynamically to values entered by the user, the configurations need to be defined at the User Interface Building Block (UIBB) level (as adaptation of the component configurations).

Action and mostly CR-Type are determined by URL. The parameters can be used for adding/hiding UIBBs and adding/hiding fields in UIBBs. Since the Article Type and Workflow Step are in standard and not in the URL, only adding/hiding fields in UIBB is possible.

Context-Based Adaptation Example

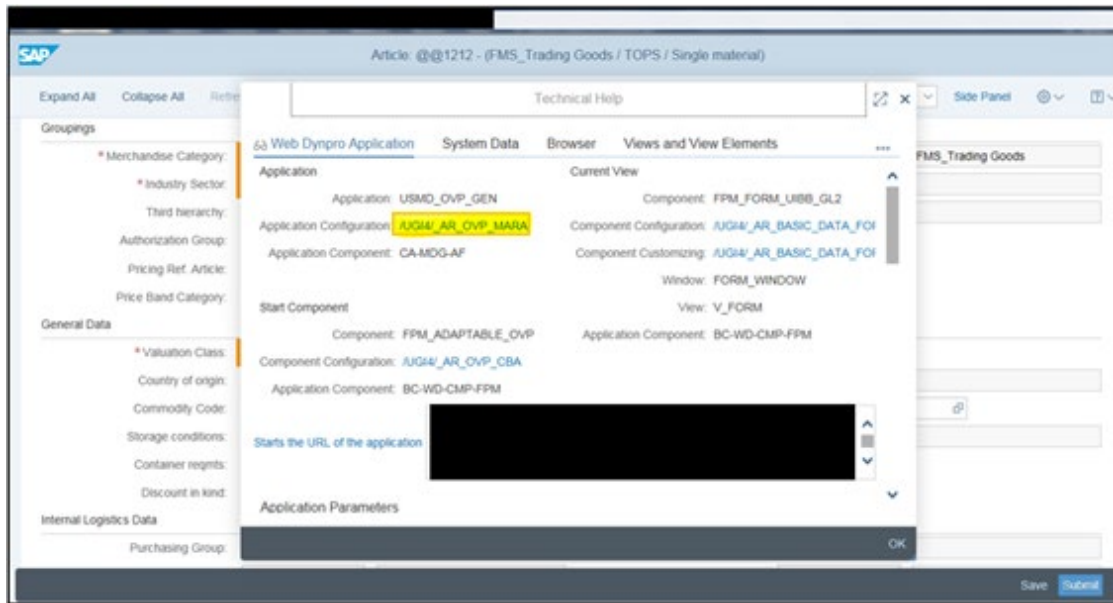
In the following example, you can hide the Sales UIBB for Article Type HAWA and Custom CR Type ZAR01. You can also hide any specific fields on any UIBB or change any field labels.

Note: Start from the Application Configuration, the button for Adaptation is disabled otherwise.

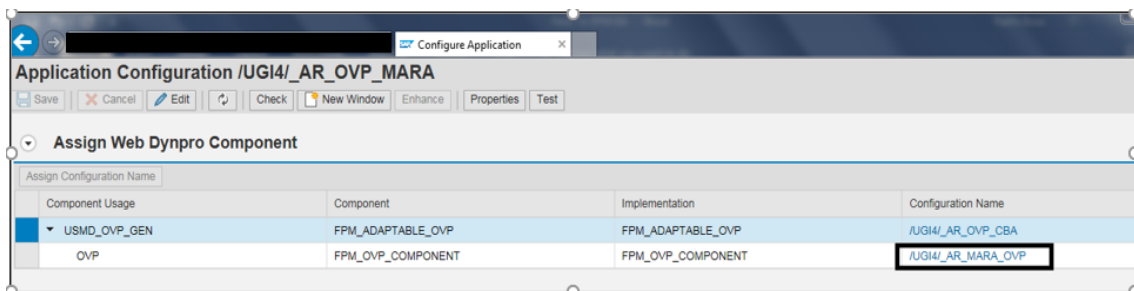
Steps for Hiding UIBB: Sales

Use the following steps to hide UIBB: Sales:

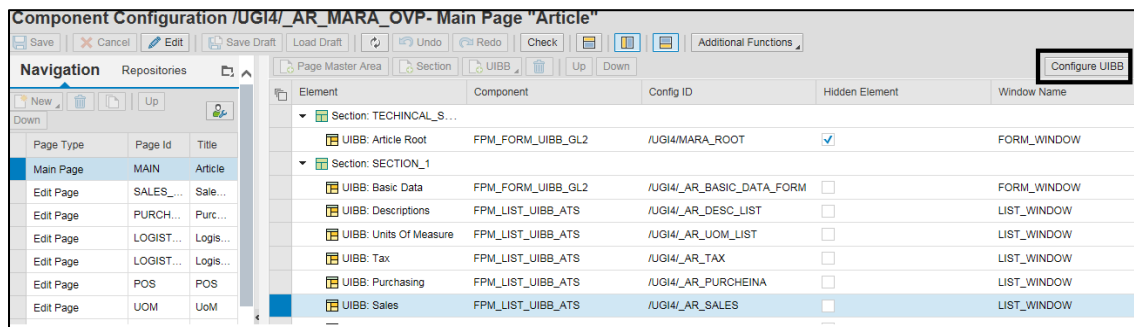
- Click the application configuration /UGI4/_AR_OVP_MARA.



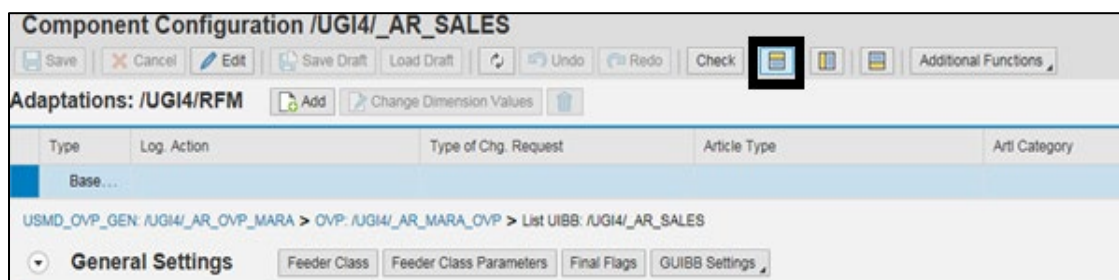
- Click Configuration /UGI4/_AR_MARA_OVP.



- Navigate to UIBB: Sales to hide it for Article Type HAWA and click Configure UIBB.



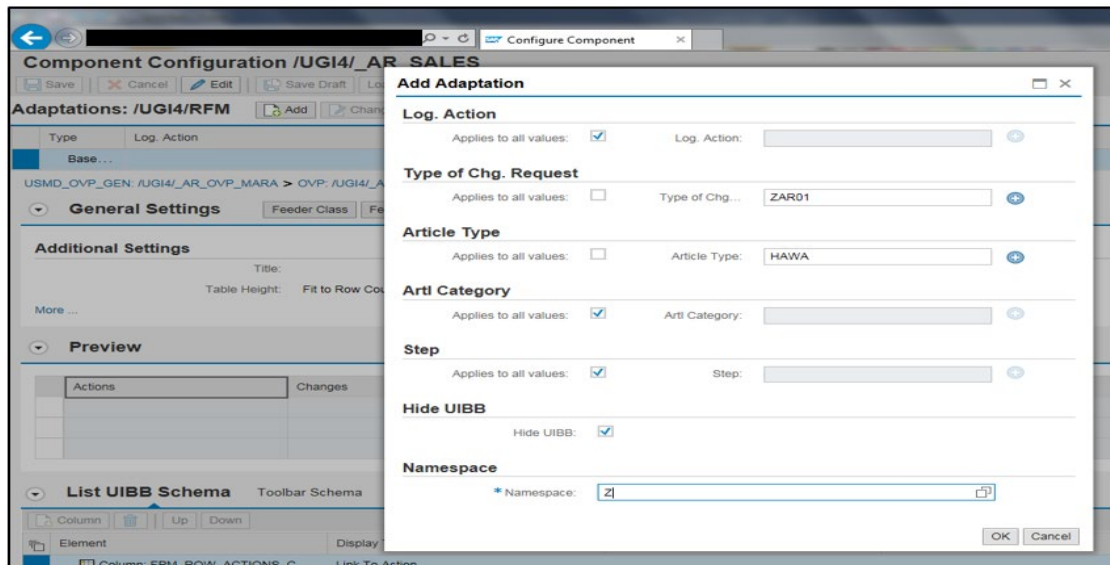
- Click "Adaptation" button as displayed in the following image.



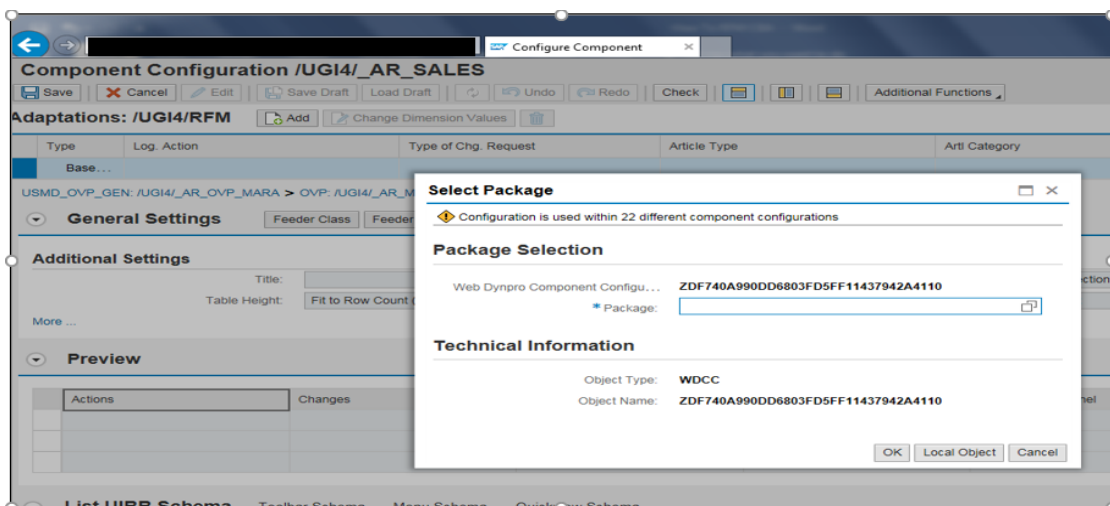
- Click the Base Configuration and click



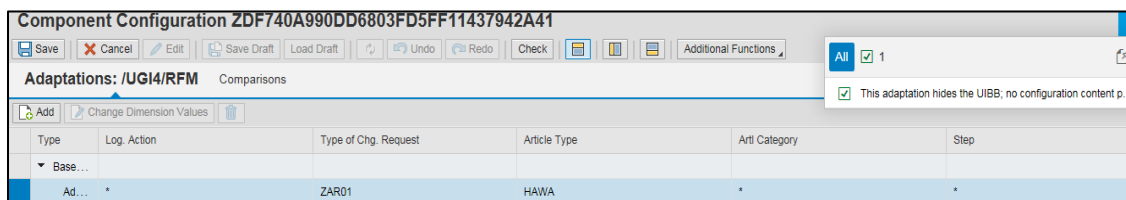
You can hide UIBB: Sales for CR Type ZAR01 and Article Type HAWA.



6. Enter an appropriate package name in the Select Package window and click OK.
Alternatively, select "Local object" button to save in the local object.



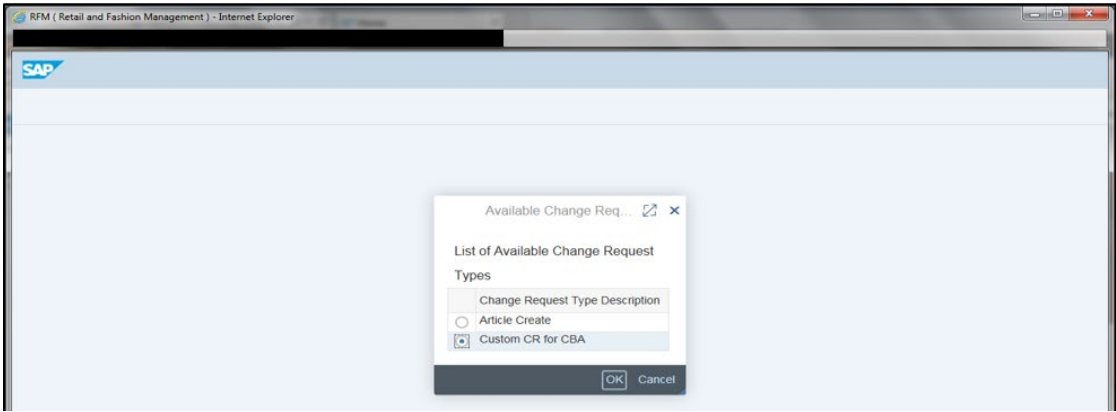
7. Click Save to save the changes. A confirmation message is displayed.



Verify Changes

Use the following steps to verify the changes:

1. Login to NWBC with your SAP credentials
2. Create an Article with Article Type HAWA for CR Type ZAR01.



3. Since UIBB: Sales is hidden, Sales block is not visible in the screen as displayed in the following image.

