BW -Material Master Key Information

General presentation

Objective of the application

This report in BW Shows combined attributes of Material class attributes (Class-- Z_CM_MAT) and Material master attributes from WP1

There are two transactions in WP1 that can be used for Material master key information

MM03: Material Master attributes

CLO2: Material class attributes

Usage information

History

https://drive.google.com/drive/folders/1uhzOszJxrDsikG4l0-tCNRZWdKd2Aenc

Roles & Access

Roles and access

List of application role + menu role and explanation if we have several applications role with specials rules.

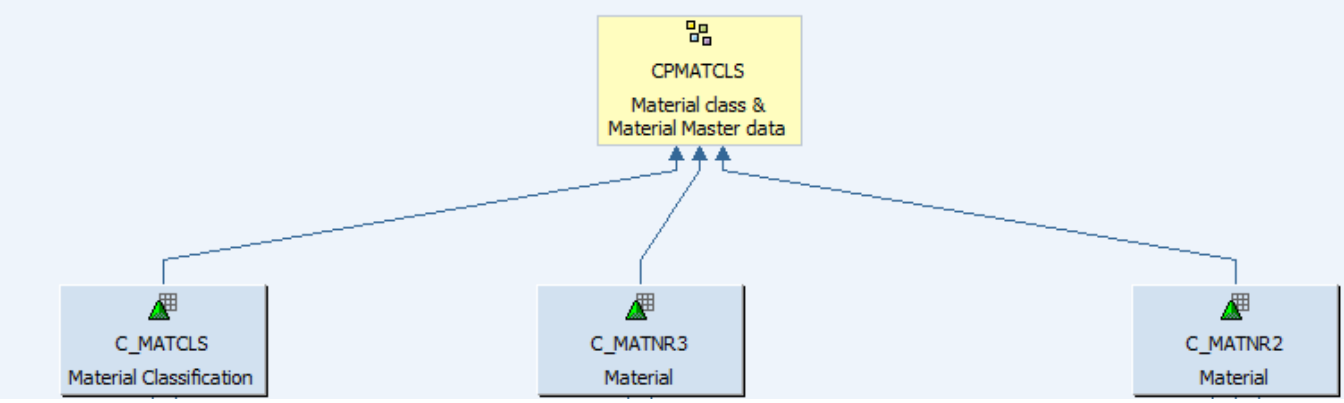
Role Code	Role Description	Explanation

Authorization objects

List of autorisation objects mandatory for the application.

Authorization object	Explanation

Dataflow overview

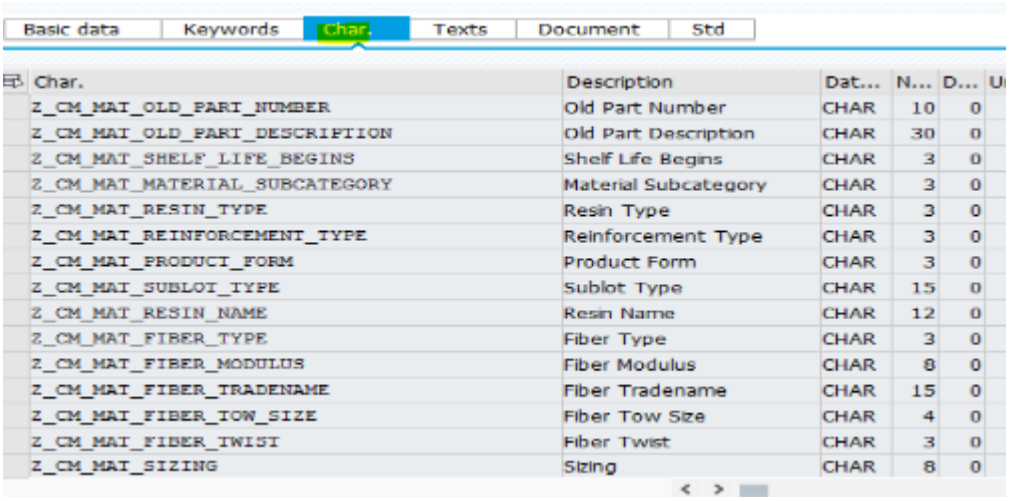


Functional and Technical rules on Workbench + Reporting

Rules & Explanations

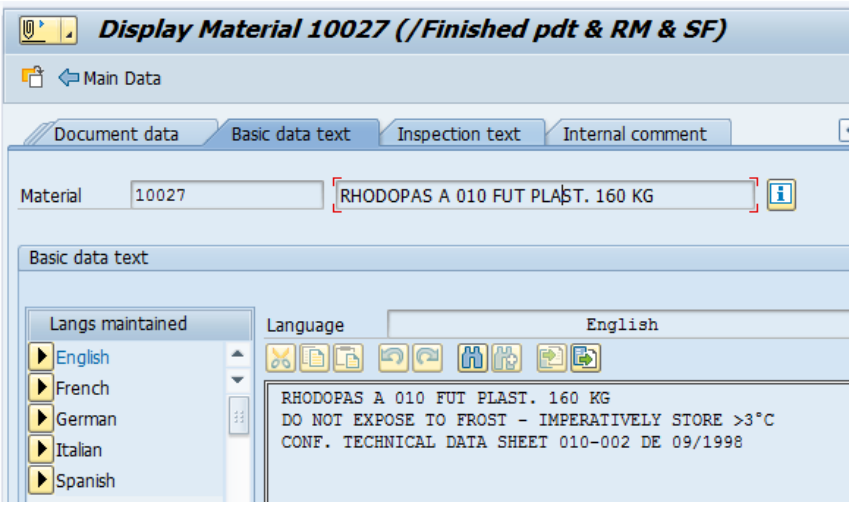
Data source level changes

1. Added the class characteristics with class type- Z_CM_MAT to 1CL_OMAT001 Data source in WP1



Char.	Description	Dat...	N...	D...
Z_CM_MAT_OLD_PART_NUMBER	Old Part Number	CHAR	10	0
Z_CM_MAT_OLD_PART_DESCRIPTION	Old Part Description	CHAR	30	0
Z_CM_MAT_SHELF_LIFE_BEGINS	Shelf Life Begins	CHAR	3	0
Z_CM_MAT_MATERIAL_SUBCATEGORY	Material Subcategory	CHAR	3	0
Z_CM_MAT_RESIN_TYPE	Resin Type	CHAR	3	0
Z_CM_MAT_REINFORCEMENT_TYPE	Reinforcement Type	CHAR	3	0
Z_CM_MAT_PRODUCT_FORM	Product Form	CHAR	3	0
Z_CM_MAT_SUBLOT_TYPE	Sublot Type	CHAR	15	0
Z_CM_MAT_RESIN_NAME	Resin Name	CHAR	12	0
Z_CM_MAT_FIBER_TYPE	Fiber Type	CHAR	3	0
Z_CM_MAT_FIBER_MODULUS	Fiber Modulus	CHAR	8	0
Z_CM_MAT_FIBER_TRADENAME	Fiber Tradename	CHAR	15	0
Z_CM_MAT_FIBER_TOW_SIZE	Fiber Tow Size	CHAR	4	0
Z_CM_MAT_FIBER_TWIST	Fiber Twist	CHAR	3	0
Z_CM_MAT_SIZING	Sizing	CHAR	8	0

2. Enhanced the Basic data text field to Data source -0MATERIAL_ATTR in WP1



3. Create the below Text Data flow for Material class characteristics in WP1.

1CL_AZ_C008
1CL_AZ_C009
1CL_AZ_C010
1CL_AZ_C011
1CL_AZ_C012
1CL_AZ_C013
1CL_AZ_C014
1CL_AZ_C015
1CL_AZ_C016
1CL_AZ_C018
1CL_AZ_C019
1CL_AZ_C020
1CL_AZ_C021
1CL_AZ_C022
1CL_AZ_C023
1CL_AZ_C024
1CL_AZ_C026

BW Changes

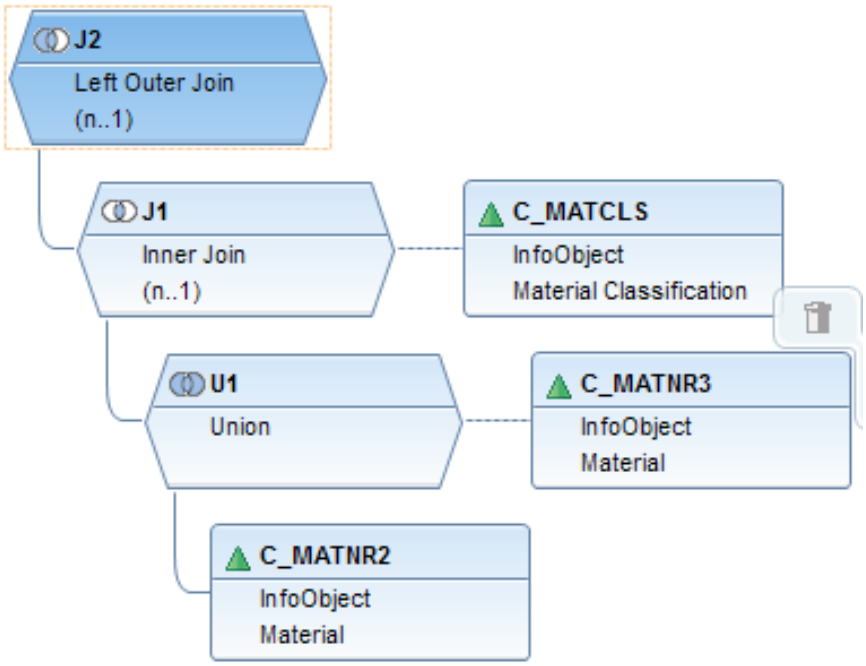
We have created new report based on three Master data objects : **C_MATNR2 + C_MATNR3 and C_MATCLS**

Reason to create C_MATNR3 is, not possible to add additional attributes to existing Master data C_MATNR2

Composite provider designed based on CPMATCLS,

We have combined C_MATNR2 and C_MATNR3 using inner join and C_MATCLS as outer join to this Join.

Scenario: CPMATCLS



Dependencies with other applications

Data loadings

Info providers and objects loaded

Loading frequency

Average performance

Key Figure	Estimation
~ Average Process Chain Runtime	
~ Average nb of rows loaded per load	
~ Total nb of rows loaded (if full)	
~ Average Runtime for 10k lines	

Record Keeping

Reporting

Queries End User Documentation

Main queries

Main functionalities

Broadcast

Maintenance

Known bugs

Recurring procedure

Planned Evolution