

SAP S/4 HANA MASTER DATA GOVERNANCE

2021-02

MASTER DATA GOVERNANCE, MATERIAL

DEMO EXPERIENCE

RULE CONTEXT BADI

Chris Kavanagh

Table of Contents

Business Scenario	3
Step By Step Procedure.....	4
Create a Change Request	4
Define Service	5
Create Enhancement Implementation	6
Create Badi Implementation	6
Create Filter	7
Customizing BRF+ Tables.....	8
Testing.....	15

Background

A Badi is used to get additional parameters to the BRF+ user decision table.

You can use this Badi to implement preparation of the BRF rule context in the rule-based workflow. This Badi uses the method `PREPARE_RULE_CONTEXT` to get specific BRF+ rule context values from the workflow generic-context table and from change request data. The input is the change request number. The method uses the change request number to retrieve data from the change request. It then fills the BRF+ rule context table with specific values from the change Request.

In MDG Change requests can be created and then processed by multiple people. The Function of Rule Context badi is to route that CR at a certain step to a specific User/group/role.

Eg: If a company has placed all responsibilities on one person to be the processor of a specific material group as they are the expert on that material group ; I can use the rule context badi to route all change requests of that material to be processed by that expert, ensuring any change request made containing that material will be processed by that expert and only that expert.

Business Scenario

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

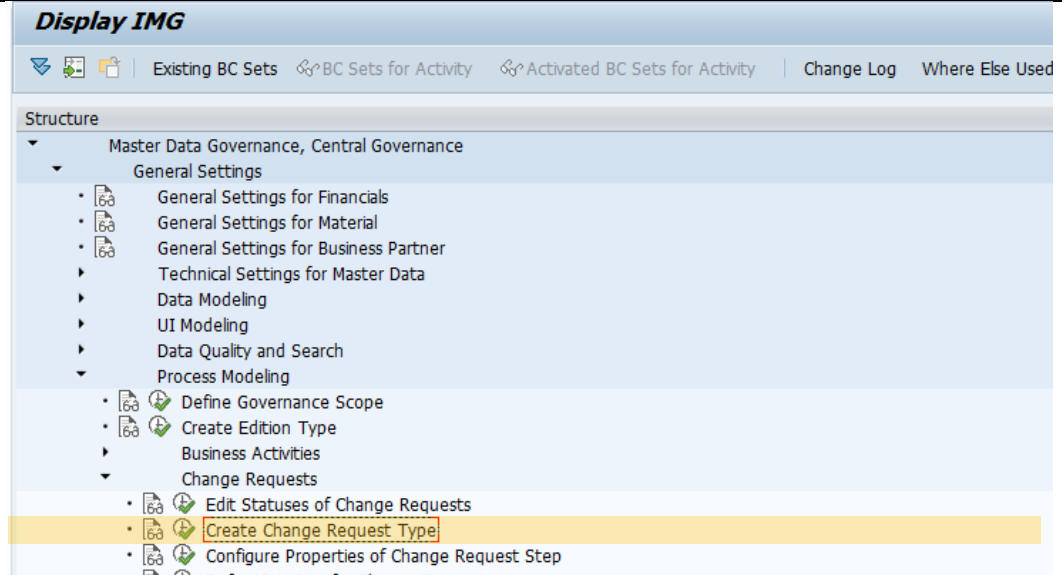
This scenario addresses the customer requirement to have more process options dependent on additional fields from the data model MM. In this example we show how to determine either user 01 or 02 dependent on the value from field LABOR.

Step By Step Procedure

Create a Change Request

Firstly, we need to create a new CR Type,







Insert transaction MDGIMG →
 general Settings →
 Process Modelling →
 Change Requests →
 Create Change Request Type



You will have to scroll and find CR Type MAT01

Select this CR Type and choose 'Copy As' highlighted in the top left corner

Change View "Type of Change Request": Overview

New Entries      

Type of Chg. Request	Edition Type	Data Model	Description (medium text)
FSIXP1	0G_ALL		Delete Item
IOR1LP1	0G_ALL		Internal Order Initial Load
IOR1P1	0G_ALL		Create Internal Order
IOR2P1	0G_ALL		Process Internal Order
MAT01		MM	Create Material
MAT02		MM	Process Material
MAT06		MM	Mark Material for Deletion

Now add details of your change request. Follow naming convention: Typ. EM_MATCK
 Description: EM-Create Material (Get Context)

f Change Request": Overview of Selected Set

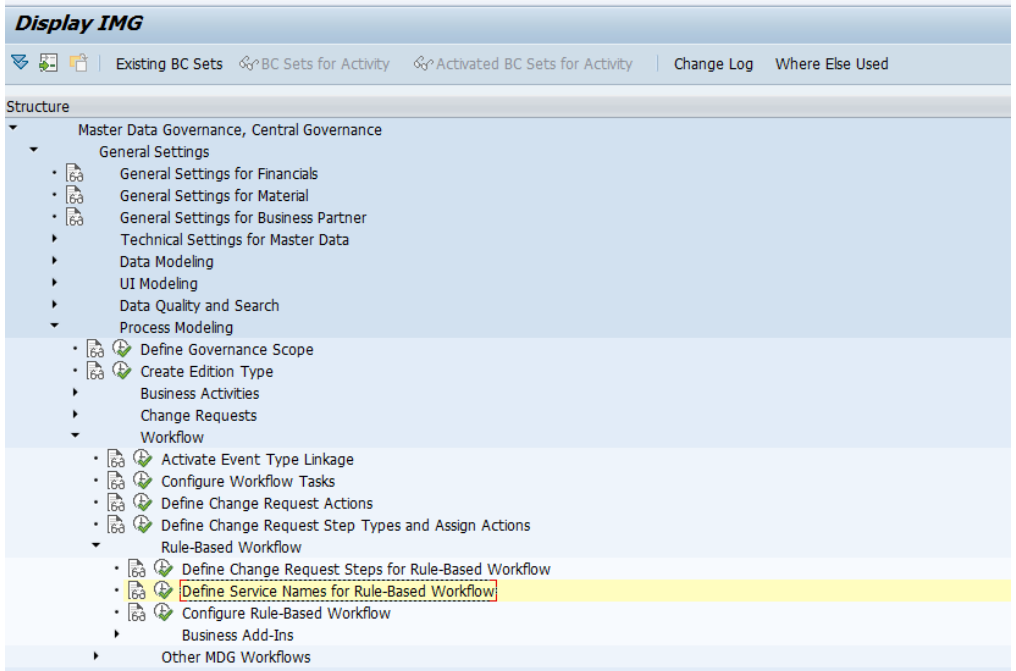
Type of Chg. Request	Edition Type	Data Model	Description (medium text)	Objects Re...	Single Obj...
EM_MATCK		MM	EM-Create Material (Get Context)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Save Changes

Define Service

We now must define a service

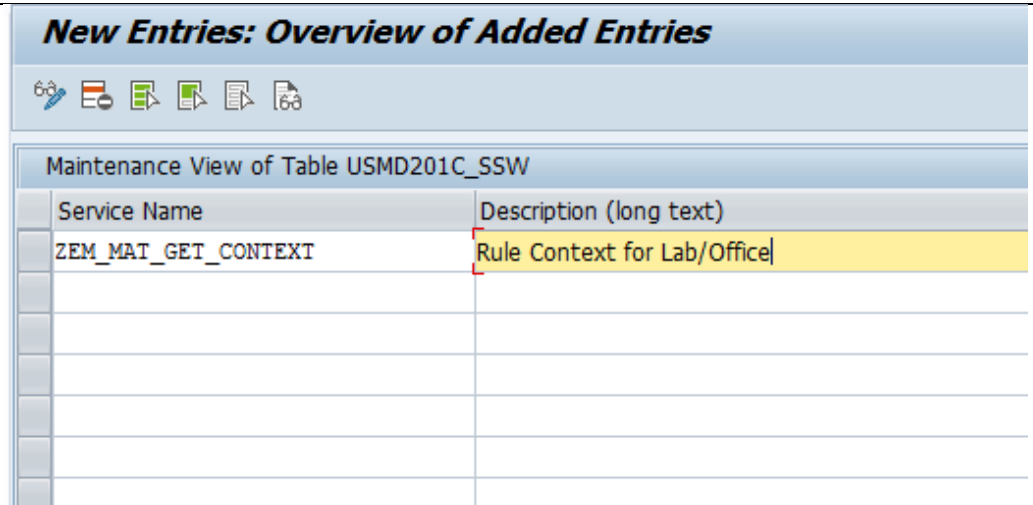
general Settings →
 Process Modelling →
 Workflow →
 Rule-Based Workflow →
 Define Service Names



Define the service name as follows

Service Name:
 ZEM_MAT_GET_CONTEXT

Description:
 Rule Context For Lab/Office



The screenshot shows the 'New Entries: Overview of Added Entries' screen. The title bar reads 'New Entries: Overview of Added Entries'. Below the title bar, there are icons for 'New Entry', 'Change Entry', 'Delete Entry', 'Copy Entry', 'Paste Entry', and 'Print Entry'. The main area is titled 'Maintenance View of Table USMD201C_SSW'. It contains a table with two columns: 'Service Name' and 'Description (long text)'. The first row of the table is highlighted in yellow and contains the values 'ZEM_MAT_GET_CONTEXT' and 'Rule Context for Lab/Office'.

Service Name	Description (long text)
ZEM_MAT_GET_CONTEXT	Rule Context for Lab/Office

Create Enhancement Implementation

We now need to create an enhancement Implementation.

Enter transaction se18 for Enhancement Spot
Use Enhancement Spot:
USMD_SSW_SERVICE_PROCESSOR

Click display

BAdI Builder: Initial Screen for Definitions

☒ Enhancement Spot ☐ BAdI Name

Choose Badi definition
USMD_SSW_RULE_CONTEXT_PREPARE

Right click on Implementations
and click create BADI
Implementation

Enhancement Spot USMD_SSW_SERVICE_PROCESSOR Display

Enhancement Spot: Active

BAdI Definitions	Description
USMD_SSW_CHECK_AGENT_TABLE	Rule Based Workflow: Check User Agent/Non-User ...
USMD_SSW_DYNAMIC_AGENT_SELECT	Rule Based Workflow - Dynamic Agent Selection
USMD_SSW_PARA_RESULT_HANDLER	Rule Based Workflow - Handler for Parallel Result Me...
USMD_SSW_RULE_CONTEXT_PREPARE	Rule Based Workflow - Specific Rule Context Value ...
<ul style="list-style-type: none"> Interface Filter Implementations 	
USMD_SSW_SYSTEM_METHOD_CALLER	Rule-Based Workflow - Call System Method

Create Badi Implementation

When presented with this screen choose to create:
MDG_BS_MAT_BRF_CONTEXT_LABOR

Select Ok

Select or Create Enhancement Implementation

Enhancement Implementation	Package	SW Comp.	Description
MDG_BS_MAT_BRF_CONTEXT_LABOR	MDG_BS_MAT_WF_CR	MDG_APPL	Example implementation: Add MARA-LABOR to BRF+ context
MDG_BS_MAT_SELECT_AGENT	MDG_BS_MAT_WF_CR	MDG_APPL	Example implementation: Dynamic agent selection
MDG_BS_MAT_PARALLEL_WF	MDG_BS_MAT_WF_CR	MDG_APPL	Example implementation: Parallel rule-based WF branches
MDG_BS_MAT_CREATE_SUCCESOR...	MDG_BS_MAT_WF_CR	MDG_APPL	Example implementation: Create successor change request for

Fill in the details of the BADI
Implementation as Shown:

Create BAdI Implementation

BAdI Implementation:
 Description:
 Implementing Class:

Select the Enhancement Implementation and click copy Sample Class

Create BADI Implementation

Example implementations exist.
You have the following options:

- Create a new, empty implementation
- Copy one of the example implementations
- Copy an example implementation and inherit from its class (if not final)

Enhancement Implementation	BADI Implementation	Final	Description
MDG_BS_MAT_BRF_CONTEXT_LABOR	MDG_BS_MAT_BRF_CONTEXT_LABOR	<input checked="" type="checkbox"/>	Example imple...

Select your new BADI Implementation:
ZMDG_BS_MAT_BRF_CONTEXT_LABOR

The double click implementing class

Double click on the first method:
IF_USMD_SSW_RULE_CNTX_PREPARE

Enhancement Implementation MDG_BS_MAT_BRF_CONTEXT_LABOR Display

Enhancement Implementation: MDG_BS_MAT_BRF_CONTEXT_LABOR Inactive

Properties History Technical Details Enh. Implementation Elements

Implementing Class

Method	Short Description
IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE...	
GET_ELEMENT_ID	get element ID
READ_MATERIAL	Read material data from CR
READ_CREQUEST	Read CR
READ_CR_OBJECTLIST	Reads change request object list

This is the code for your badi.

Scan through it then click save and activate

Class Builder Class ZL_MDG_BS_MAT_BRF_CONTEXT_LABOR Display

Method IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE_CONTEXT inactive

```

1 METHOD IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE_CONTEXT.
2   * Add one decision table parameter "Labor" (MARA-LABOR)
3   * to the user agent decision table
4   DATA: lv_brf_expr_id TYPE if_fdt_types=>id.
5   DATA: ls_context     TYPE usmd_s_fdt_context_value.
6   DATA: lv_crequest    TYPE usmd_s_crequest.
7   DATA: ls_material    TYPE /mdgmm/_s_mm_pp_material.
8   FIELD-SYMBOLS: <value> TYPE any.
9   * Prepare export parameters
10  CLEAR et_message.
11  CLEAR et_rule_context_value.
12  * Read the one and only material of the CR
13  CALL METHOD read_material
14  EXPORTING

```

Create Filter

Now we have to create a filter:

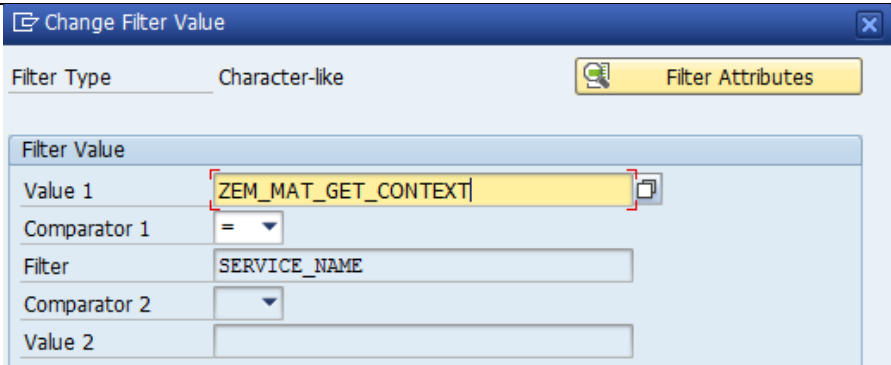
Underneath implementing class select 'Filter values'

Select combination → On the line that pops up double click the yellow page

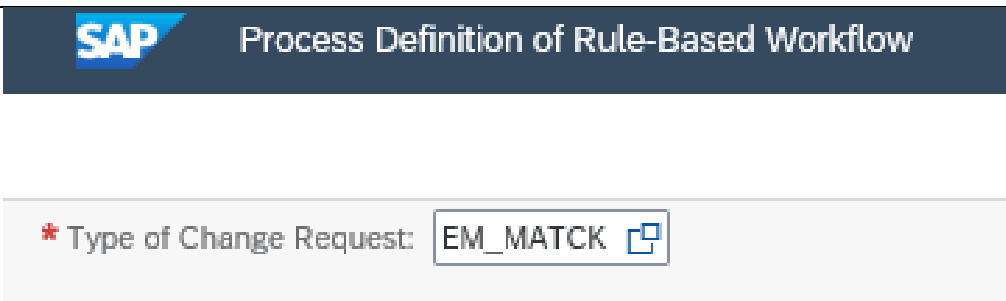
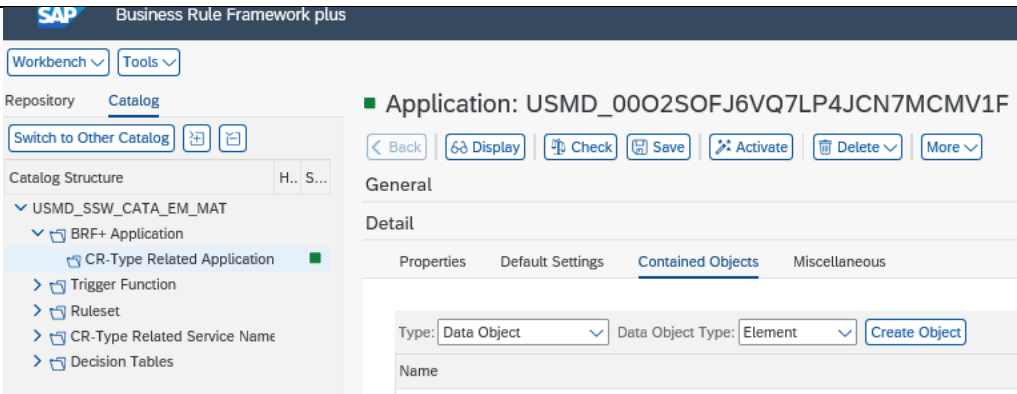
Filter Values

Combination

Filter Combinations	Filter...	Value 1	Com...	Filter	Com...

<p>Fill in your service name as the value1 for your filter.</p> <p>Click okay.</p> <p>Make sure to save and activate.</p>	 <p>The dialog box 'Change Filter Value' is shown. It has a 'Filter Type' dropdown set to 'Character-like' and a 'Filter Attributes' button. The 'Filter Value' section contains: 'Value 1' with the text 'ZEM_MAT_GET_CONTEXT' (highlighted with a red box), 'Comparator 1' set to '=', 'Filter' set to 'SERVICE_NAME', 'Comparator 2' set to a dropdown arrow, and 'Value 2' which is empty.</p>
<p>Save and Activate</p>	

Customizing BRF+ Tables

<p>Return to SAP Easy Access Menu and Execute the transaction USMD_SSW_RULE</p> <p>input EM_MATCK (ie Your CR)</p>	 <p>The screen shows the 'Process Definition of Rule-Based Workflow' header. Below it, a field 'Type of Change Request:' is followed by a text box containing 'EM_MATCK' and a small icon.</p>
<p>We now must create LABOR.</p> <p>In the new screen go to CR-Type Related Application under BRF+ Application.</p> <p>Select Contained Objects and change type to Data Object and Type Element.</p> <p>Then Select Create Object</p>	 <p>The 'Business Rule Framework plus' screen is shown. The left pane shows a catalog structure with 'USMD_SSW_CATA_EM_MAT' expanded, showing 'BRF+ Application' and 'CR-Type Related Application' (selected). The right pane shows 'Application: USMD_0002SOFJ6VQ7LP4JCN7MCMV1F' with buttons for Back, Display, Check, Save, Activate, Delete, and More. The 'Detail' section has tabs for Properties, Default Settings, Contained Objects (selected), and Miscellaneous. Under 'Contained Objects', there are dropdowns for 'Type:' (Data Object) and 'Data Object Type:' (Element), followed by a 'Create Object' button.</p>

Enter the details as shown in the example.

Ensure to bind to ddic and search LABOR

Once all details are entered as show click create and navigate to object.

General data

Type:	Element
* Name:	LABOR
Short Text:	Laboratory
Text:	Lab/Office
Application:	USMD_00O2SOFJ6VQ7LP4JCN7MCMV1F

Element

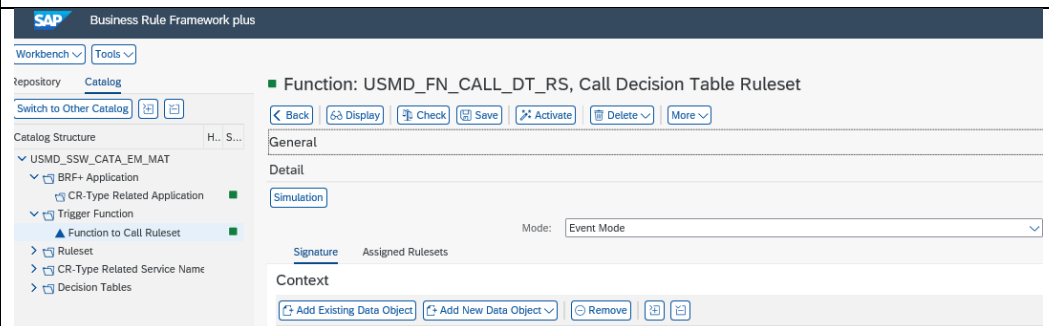
Properties		Value Help	
Define Data Binding		Element Attributes	
Binding Type:	Bind to ...	Refres...	Length: 3
DDIC Elem...	LABOR	Where...	Convert to... : <input checked="" type="checkbox"/>
DDIC Desc...	Lab/Office	Numeric C...	
Define Element Properties			
Element Ty...	Text		

Save and Activate

Change Function to Call Ruleset

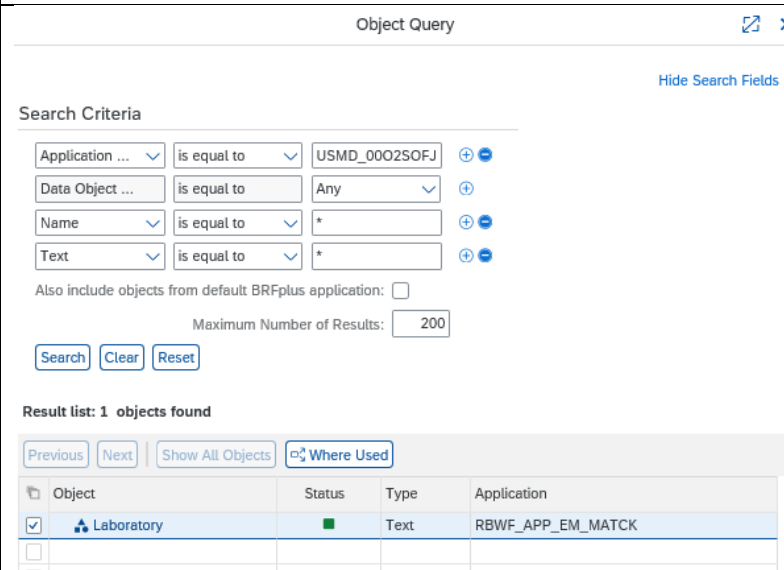
GO to trigger function and select Function to Call Ruleset.

Click edit and then select Add existing Data Object.



In the search write Name is equal to LABOR.

The search should display the object you created select this object and click okay.



Object	Status	Type	Application
<input checked="" type="checkbox"/> Laboratory	Active	Text	RBWF_APP_EM_MATCK

Save and Activate

In a new GUI Window input transaction : USMD_SSW_RULE

Input CR MAT01 and click okay.

Click on Decision tables on the bottom of the left Column

Open Single value Decision table and click export to excel highlighted in the image.

Repeat this for the two other decision tables

Decision Table: DT_SINGLE_VAL_MAT01

[Back](#)
[Edit](#)
[Check](#)
[Save](#)
[Activate](#)
[Delete](#)
[More](#)

General

Detail

[Export To Excel](#)
[Context Overview](#)
[Start Simulation](#)

Table Contents

Find: [Next](#) [Previous](#)

<input type="checkbox"/> CR Previous Step	Previous Action	Chng. Req. Priority	Chng. Req. Reason
<input type="checkbox"/> =00 (Processing)			
<input type="checkbox"/> =90 (Final Check)	=09 (Activate)		
<input type="checkbox"/> =90 (Final Check)	=04 (Reject)		
<input type="checkbox"/> =91 (Activation)	=31 (Activation successful)		
<input type="checkbox"/> =91 (Activation)	=31 (Activation successful)		
<input type="checkbox"/> =92 (Revision)			
<input type="checkbox"/> =95 (Revision Processing)	=07 (Resubmit)		
<input type="checkbox"/> =95 (Revision Processing)	=08 (Withdraw)		
<input type="checkbox"/>			

Returning to your EM_MATCK Workflow Configuration

Open Decision table like the previous step, you will notice these decision tables are blank.

Now we have to import the tables from excel.

Click additional Actions → Import from Excel.

Decision Table: DT_NON_USER_AGT_GRP_EM_MATCK

[Back](#)
[Display](#)
[Check](#)
[Save](#)
[Activate](#)
[Delete](#)
[More](#)

General

Detail

[Additional Actions](#)
[Context Overview](#)
[Start Simulation](#)

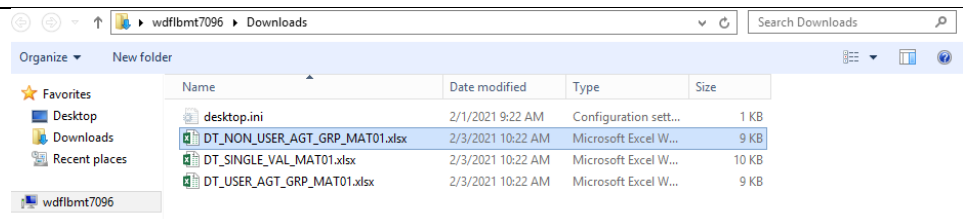
[Check Completeness](#)
[Check Overlaps](#)
[Rearrange...](#)
[Merge Rows](#)
[Import From Excel](#)
[Export To Excel](#)

Find: [Next](#) [Previous](#)

Agent Group

Do this for the three decision tables.

Ensure you select the correct excel file for each corresponding decision table or it will not work



The Single value table Should appear as shown in the image example

make sure you click save and activate

■ Decision Table: DT_SINGLE_VAL_EM_MATCK

[Back](#)
[Go Display](#)
[Check](#)
[Save](#)
[Activate](#)
[Delete](#)
[More](#)

General

Detail

[Additional Actions](#)
[Context Overview](#)
[Start Simulation](#)

Table Contents

[+](#)
[-](#)
[✎](#)
[🔍](#)
[📄](#)
[⬆](#)
[⬇](#)
Find:
[Next](#)
[Previous](#)

CR Previous Step	Previous Action	Condition Alias	New Chng. Req. Step	New CR Status
<input checked="" type="checkbox"/> =00	...	1	80	02 (Changes to Be Executed)
<input type="checkbox"/> =90	=09 (Activate)	2	91	02 (Changes to Be Executed)
<input type="checkbox"/> =90	=04 (Reject)	3	95	10 (To Revise: Perform Changes)
<input type="checkbox"/> =91	=31 (Activation successful)	4	99	05 (Final Check Approved)
<input type="checkbox"/> =91	<>31 (Activation successful)	5	90	11 (Process Errors After Activation)
<input type="checkbox"/> =92	...	6	99	06 (Final Check Rejected)
<input type="checkbox"/> =95	=07 (Resubmit)	7	90	02 (Changes to Be Executed)
<input type="checkbox"/> =95	=08 (Withdraw)	8	92	02 (Changes to Be Executed)

save and activate

The Non User agent likewise should appear as shown in the picture example

■ Decision Table: DT_NON_USER_AGT_GRP_EM_MATCK

[Back](#)
[Edit](#)
[Check](#)
[Save](#)
[Activate](#)
[Delete](#)
[More](#)

General

Detail

[Export To Excel](#)
[Context Overview](#)
[Start Simulation](#)

Table Contents

Find: [Next](#) [Previous](#)

Condition Alias	Agent Group	Process Pattern
<input type="checkbox"/> =2	001	06 (Activation (Bypass Snapshot))
<input type="checkbox"/> =4 ; =6	001	99 (Complete (Sub-)Workflow)
<input type="checkbox"/> =8	001	08 (Roll Back Change Request)

save and activate

The User agent should appear as shown in the picture example

◆ Decision Table: DT_USER_AGT_GRP_EM_MATCK Active version available

[Back](#)
[Go Display](#)
[Check](#)
[Save](#)
[Activate](#)
[Delete](#)
[More](#)

General

Detail

[Additional Actions](#)
[Context Overview](#)
[Start Simulation](#)

Table Contents

[+](#)
[-](#)
[✎](#)
[🔍](#)
[📄](#)
[⬆](#)
[⬇](#)
Find:
[Next](#)
[Previous](#)

Condition Alias	User Agt Grp No.	Step Type	User Agent Type	User Agent Value
<input type="checkbox"/> =1 ; =5 ; =7	001	8 (Activate Change Request)	AG (Role)	SAP_MDGVL_MENU_08
<input type="checkbox"/> =3	001	4 (Revise Change Request)	AG (Role)	SAP_MDGVL_MENU_04

Save and Activate

The User Agent table will need to be altered to contain Laboratory. To do this we will need to click edit mode and choose Table settings on the right-hand side above the decision table.

You will now be brought to the screen shown. Click on insert Column → From Context Data Objects

Result Data Object

Settings: ☒ Return all matches found
☒ Return initial value if no match is found
☒ Split Result Data Object into Columns
☐ Return Exception for partial match

Result Data Object: **User Agent Group** ▼

Table Check Settings


Overlap Check Settings: **Application Default** ▼

Completeness Check Settings: **Application Default** ▼

List of Columns





Condition Columns

Insert Column ▼ **Remove Column** **Move Up** **Move Down**

Column Name	Text	Mandatory Input	Column Accessibility
 COND_ALIAS	Condition Alias	<input type="checkbox"/>	Full Access (Changes All) ▼

Result Columns


Insert Column from Data Object **Insert Action Column** **Remove Column** **Move Up** **Move Down**



Column Name	Text	Action Column	Mandatory Input	Column Accessibility
<input type="radio"/>  AGENT_GROUP	User Agt Grp No.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Change) ▼
<input type="radio"/>  STEP_TYPE	Step Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Change) ▼
<input type="radio"/>  USER_TYPE	User Agent Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Change) ▼
<input checked="" type="radio"/>  USER_VALUE	User Agent Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Change) ▼



Search for LABOR and select the data object Laboratory that you created.

Click okay

Search Criteria

Element Type is equal to Any ▼ 


Name ▼ is equal to ▼ LABOR  



Text ▼ is equal to ▼ *  

Maximum Number of Results: 200

Search **Clear** **Reset**

Result list: 1 objects found

Previous **Next** **Show All Objects**  **Where Used**

Object	Status	Type	Application
<input checked="" type="checkbox"/>  Laboratory		Text	RBWF_APP_EM_MATCH
<input type="checkbox"/>			
<input type="checkbox"/>			

Your condition column should now appear as shown in the example picture.

If so click okay

Result Data Object

Settings: ☒ Return all matches found
☒ Return initial value if no match is found
☒ Split Result Data Object into Columns
☐ Return Exception for partial match

Result Data Object: **User Agent Group** ▼

Table Check Settings

Overlap Check Settings: **Application Default** ▼

Completeness Check Settings: **Application Default** ▼

List of Columns

Condition Columns

Insert Column ▼ Remove Column Move Up Move Down

Column Name	Text	Mandatory Input	Column Accessibility
<input type="radio"/> COND_ALIAS	Condition Alias	<input type="checkbox"/>	Full Access (Changes Allr ▼
<input checked="" type="radio"/> LABOR	Laboratory	<input type="checkbox"/>	Full Access (Changes Allr ▼

Result Columns

Insert Column from Data Object Insert Action Column Remove Column Move Up Move Down

Column Name	Text	Action Column	Mandatory Input	Column Accessibility
<input type="radio"/> AGENT_GROUP	User Agt Grp No.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang ▼
<input type="radio"/> STEP_TYPE	Step Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang ▼
<input type="radio"/> USER_TYPE	User Agent Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang ▼
<input checked="" type="radio"/> USER_VALUE	User Agent Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang ▼

OK Cancel

Your User agent table should appear as follows click save and activate

You will need to modify this decision table.

■ Decision Table: DT_USER_AGT_GRP_EM_MATCH

[Back](#) [Edit](#) [Check](#) [Save](#) [Activate](#) [Delete](#) [More](#) ▼

General

Detail

[Export To Excel](#) [Context Overview](#) [Start Simulation](#)

Table Contents

Find: [Next](#) [Previous](#)

	Condition Alias	Laboratory	User Agt Grp No.	Step Type	User Agent Type
<input type="checkbox"/>	=1 ; =5 ; =7		001	8 (Activate Change Request)	AG (Role)
<input type="checkbox"/>	=3		001	4 (Revise Change Request)	AG (Role)

Modify the User decision table so it appears as shown in the picture.

You are creating conditions for Labs :

001 , 002 , E1 , E2 and E3

■ Decision Table: DT_USER_AGT_GRP_EM_MATCH

[Back](#) [Display](#) [Check](#) [Save](#) [Activate](#) [Delete](#) [More](#) ▼

General

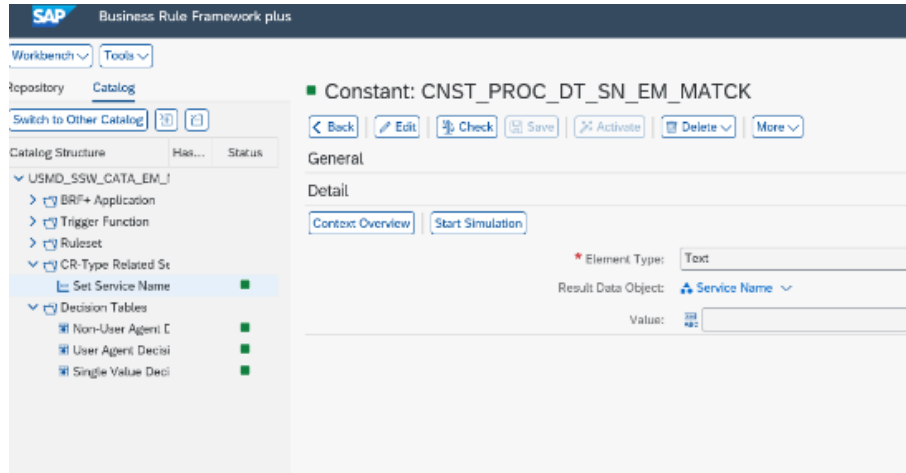
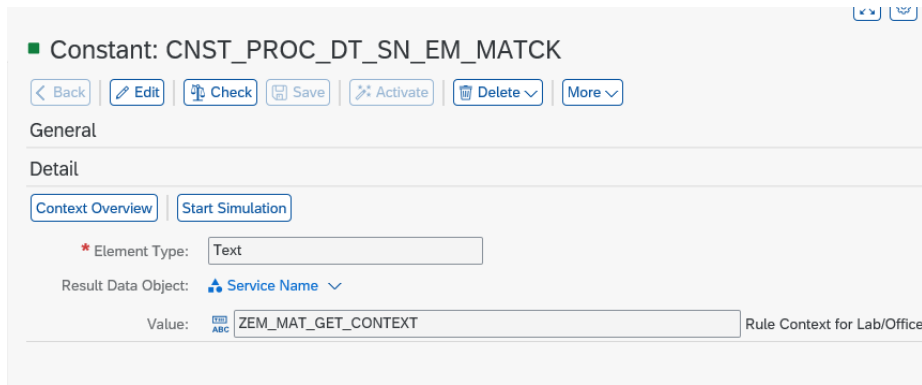
Detail

[Additional Actions](#) [Context Overview](#) [Start Simulation](#)

Table Contents

[+](#) [-](#) [✎](#) [🔍](#) [📄](#) [⬆](#) [⬇](#) Find: [Next](#) [Previous](#)

	Laboratory	User Agt Grp No.	Step Type	User Agent Type	User Agent Value
<input type="checkbox"/>	=001 (Laboratory 1) ▼	001 ▼	8 (Activate Change Request) ▼	US (User) ▼	i000 ▼
<input type="checkbox"/>	=002 (Laboratory 2) ▼	001 ▼	8 (Activate Change Request) ▼	US (User) ▼	i000 ▼
<input type="checkbox"/>	=E1 ▼	001 ▼	8 (Activate Change Request) ▼	US (User) ▼	i000 ▼
<input type="checkbox"/>	=E1 ; =E3 ▼	001 ▼	8 (Activate Change Request) ▼	US (User) ▼	i000 ▼
<input type="checkbox"/>	... ▼	001 ▼	8 (Activate Change Request) ▼	US (User) ▼	i352778 ▼
<input type="checkbox"/>	... ▼	001 ▼	8 (Activate Change Request) ▼	AG (Role) ▼	i000 ▼
<input checked="" type="checkbox"/>	... ▼	001 ▼	4 (Revise Change Request) ▼	AG (Role) ▼	i000 ▼

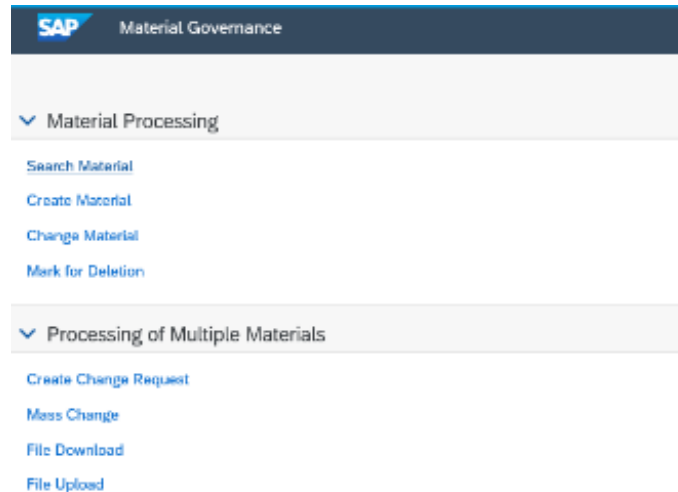
save and activate																									
<p>Now that you have changed the user Agent to US, it is important to input a value for that User Agent.</p> <p>Eg:</p> <p>I have inputted I000, this is a test user I have created</p> <p>That is my id, this means that the change request will be routed to me and only I can process the change requests.</p>	<table><thead><tr><th></th><th>User Agent Type</th><th>User Agent Value</th></tr></thead><tbody><tr><td></td><td>US (User) ▾</td><td>i000 ▾</td></tr><tr><td></td><td>US (User) ▾</td><td>i000 ▾</td></tr><tr><td></td><td>US (User) ▾</td><td>i000 ▾</td></tr><tr><td></td><td>US (User) ▾</td><td>i000 ▾</td></tr><tr><td></td><td>US (User) ▾</td><td>i352778 ▾</td></tr><tr><td></td><td>AG (Role) ▾</td><td>i000 ▾</td></tr><tr><td></td><td>AG (Role) ▾</td><td>i000 ▾</td></tr></tbody></table>		User Agent Type	User Agent Value		US (User) ▾	i000 ▾		US (User) ▾	i000 ▾		US (User) ▾	i000 ▾		US (User) ▾	i000 ▾		US (User) ▾	i352778 ▾		AG (Role) ▾	i000 ▾		AG (Role) ▾	i000 ▾
	User Agent Type	User Agent Value																							
	US (User) ▾	i000 ▾																							
	US (User) ▾	i000 ▾																							
	US (User) ▾	i000 ▾																							
	US (User) ▾	i000 ▾																							
	US (User) ▾	i352778 ▾																							
	AG (Role) ▾	i000 ▾																							
	AG (Role) ▾	i000 ▾																							
save and activate																									
<p>We now must add the service name we created earlier</p> <p>Select CR-Type Related Service Name → Set Service Name</p>	 <p>The screenshot shows the SAP Business Rule Framework plus interface. On the left, the 'Catalog Structure' pane shows a tree view with 'USMD_SSW_CATA_EM_J' expanded, and 'Set Service Name' selected under 'CR-Type Related St'. The main area displays the configuration for a 'Constant: CNST_PROC_DT_SN_EM_MATCH'. The 'Detail' tab is active, showing 'Element Type: Text', 'Result Data Object: Service Name', and 'Value: ABC'.</p>																								
Input the service name we created	 <p>This screenshot shows the same configuration page as the previous one, but with the 'Value' field updated to 'ZEM_MAT_GET_CONTEXT'. The 'Result Data Object' remains 'Service Name'.</p>																								
Save and Activate																									

Testing

We now have to test our configurations; we will create a material with the LAB 001 and check if it must be processed by our Test User i000

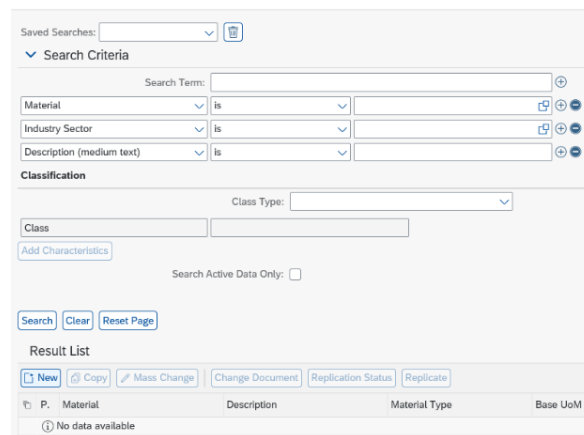
Open NWBC and go to the Material tab.

Select Search Material from the Material processing list



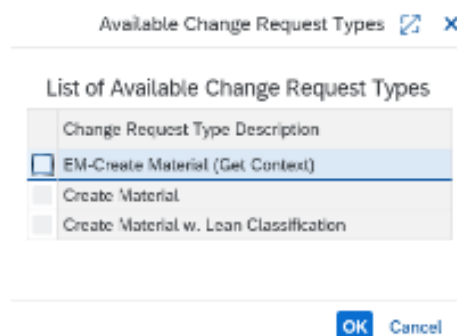
Here we can search for a material. It is recommended to search for the material you are going to create to ensure it is not in the system..

Select new.



Make sure to select the change request you created

'EM-Create Material(Get Context)'



Fill in the details of your material as you please.

Make sure to fill in the Laboratory value as 001

Also make sure to add a description.

Select submit

Change Request [Edit](#)

[General](#) [Notes](#) [Attachments](#)

General Data

Change Request: 172

* Description: Test CR

Priority:

Due Date:

Reason:

Process Data

Status of Change Request: Changes to Be Executed

Current Work Item: New Change Request [What's Next](#)

Created On/By: 01.04.2021 13:10:52 [CHRIS KAVANAGH](#)

Type of Change Request: EM_MATCH

Status of Change Request: 02 Changes to Be Executed

Change Management

Basic Data [Edit](#) [Replication Status](#)

General Data

* Material: \$11

* Base Unit of Measure: EA each

* Material Type: FERT Finished Product

* Industry Sector: C Chemical industry

Material Group: 006 Office materials

Old Material Number:

Authorization Group:

Grouping

External Material Group:

Product Hierarchy:

Generic Item Group Category:

Material Group Packaging Materials:

Design Data

Lab/Office: 001 Laboratory 1

Industry Standard Description:

Afer submitting the system will push this request to the designated processor in our workflow as the lab value was 001...

In the example notice The Requestor is me although the processor is User Test our i000 number.

SAP Workflow Log for Change Request 172

[Related Services](#)

Status: Changes to Be Executed Description: Test CR Requester: [CHRIS KAVANAGH](#) Current Processor(s): [USER TEST](#)

View: [Print Version](#) [Export](#) [Background Steps](#)

Work Item ID	Work Item Description	Processor	Work Item Type	Work Item Status
31060	Process Change Request 172 (Test CR)	USER TEST	Dialog Step	Ready

