



PUBLIC

How to Enhance Business Rule Framework Plus (BRFplus) Decision Tables in Rule-Based Workflow Example Using BAdI USMD_SSW_RULE_CONTEXT_PREPARE

Applicable Releases:

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

Version 2.1

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Document History

Document Version	Description
1.0	First official release of this guide (April 2021)
1.10	Note 1700197
1.20	Note 1837696
2.0	Rework
2.1	Adapt current template

Table of contents

1. Introduction	4
2. SAP Notes.....	4
3. Prerequisites	4
4. Background Information	4
5. Steps.....	5
5.1. Customizing	5
5.1.1. Create a Change Request Type.....	5
5.1.2. Define a Service Name.....	6
5.2. Enhancement Spot USMD_SSW_SERVICE_PROCESSOR	7
5.2.1. Create an Enhancement Implementation	7
5.2.2. Create a BAdI implementation	8
5.2.3. Define a BAdI filter	10
5.2.4. Configure BRFplus customizing tables	10
6. Try-out.....	19
7. Additional Information	21
7.1. Further Reading	21
7.1.1. Information on SAP MDG on SAP S/4HANA	21
7.1.2. SAP Roadmap Explorer	21
7.1.3. Related Information	21
7.2. SAP Notes	21

1. Introduction

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.

This How To Guide describes the solution to add additional fields from the data model MM to the user agent decision table in Business Rule Framework plus (BRFplus).

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`.

2. SAP Notes

[1700197](#) - Rework example BAdI implementations

[1837696](#) - BAdI enhancement with inactive data for change request

3. Prerequisites

For this How To Guide you should have access to your system with appropriate access rights.

You will need some basic understanding of the following topics:

- SAP MDG
- BRFplus

4. Background Information

A BAdI is used to get additional parameters to the BRFplus user decision table.

You can use the BAdI `USMD_SSW_RULE_CONTEXT_PREPARE` to implement extensions of the BRFplus rule context in the rule-based workflow. This BAdI uses the method `PREPARE_RULE_CONTEXT` to get specific BRFplus 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 BRFplus rule context table with specific values from the change request.

With this BAdI, it is also possible to change the workflow generic-context table and also export both the BRFplus rule context table and message table.

In MDG, change requests can be created and then processed by multiple people. The function of this rule context BAdI is to route that CR at a certain step to specific user/group/role.

For example, 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. You 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.

5. Steps

5.1. Customizing

5.1.1. Create a Change Request Type

To create a new type of change request, go to the Customizing for Master Data Governance, Central Governance using transaction MDGIMG under

General Settings →

Process Modelling →

Change Requests →

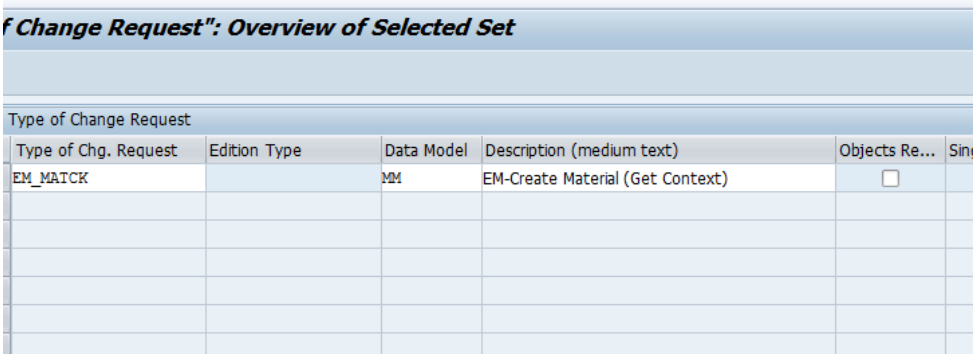
Create Change Request Type

The screenshot shows the MDGIMG transaction interface. The 'Structure' pane on the left displays the hierarchy: Master Data Governance, Central Governance > General Settings > Process Modeling > Change Requests. The 'Create Change Request Type' option is highlighted in pink.

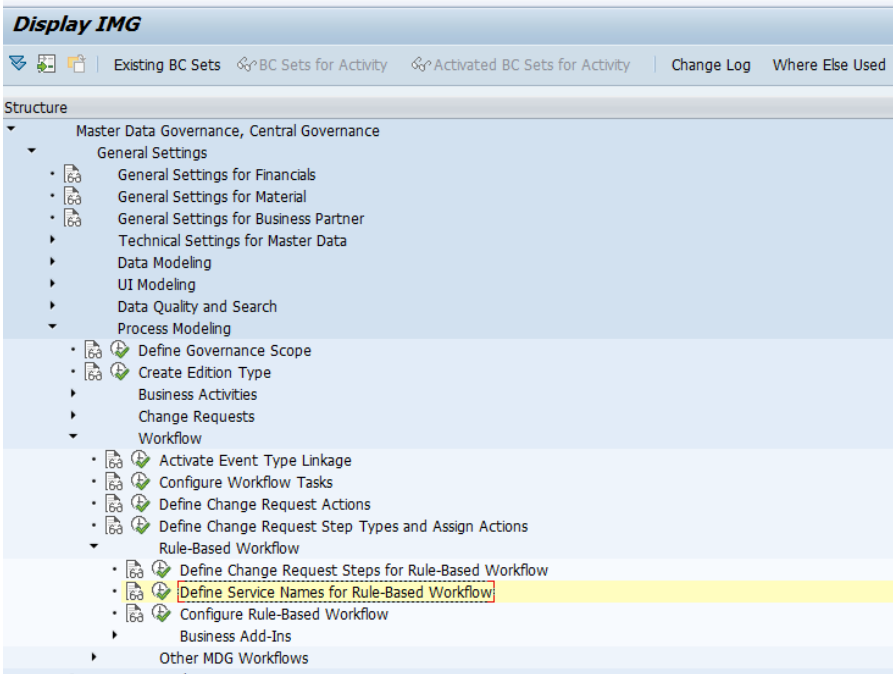
Choose the the Type of Chg. Request MAT01 and choose Copy As. This is highlighted in the top left corner of the screen shot.

The screenshot shows the 'Change View "Type of Change Request": Overview' screen. The 'Dialog Structure' pane on the left shows 'Type of Change Request' selected. The main table lists various change request types, with 'MAT01' highlighted in yellow.

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


<p>Next, you can add the details of your change request.</p>	
<p>Save your changes.</p>	

5.1.2. Define a Service Name

<p>To define a service go to the Customizing for <i>Master Data Governance, Central Governance</i> using transaction MDGIMG under</p> <p><i>General Settings</i> →</p> <p><i>Process Modelling</i> →</p> <p><i>Workflow</i> →</p> <p><i>Rule-Based Workflow</i> →</p> <p><i>Define Service Names</i></p>	
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

Define the service name as shown.

New Entries: Overview of Added Entries



Maintenance View of Table USMD201C_SSW

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


5.2. Enhancement Spot USMD_SSW_SERVICE_PROCESSOR

5.2.1. Create an Enhancement Implementation

We now need to create an enhancement implementation.

Using transaction SE18, enter USMD_SSW_SERVICE_PROCESSOR for the *Enhancement Spot* and then choose *Display*.

BAdI Builder: Initial Screen for Definitions



☒ Enhancement Spot

☐ BAdI Name

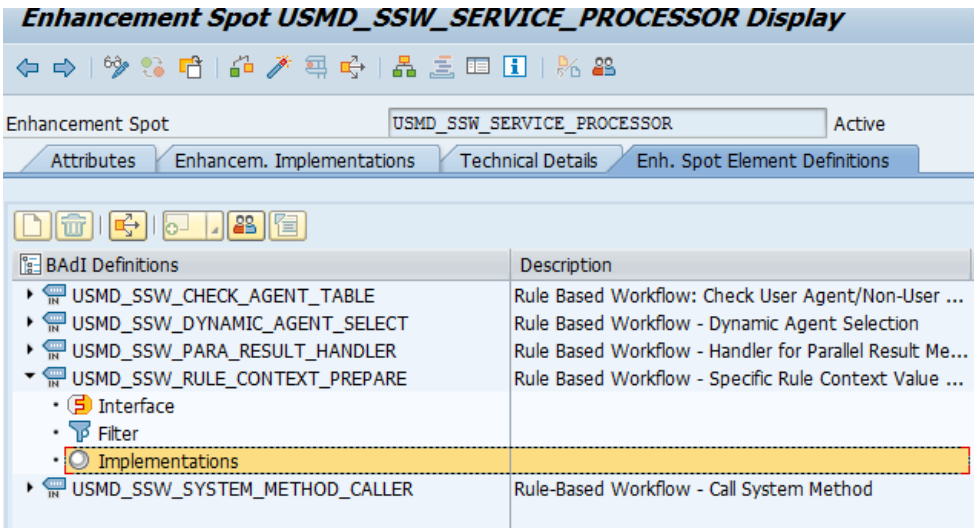
USMD_SSW_SERVICE_PROCESSOR

Display

Change

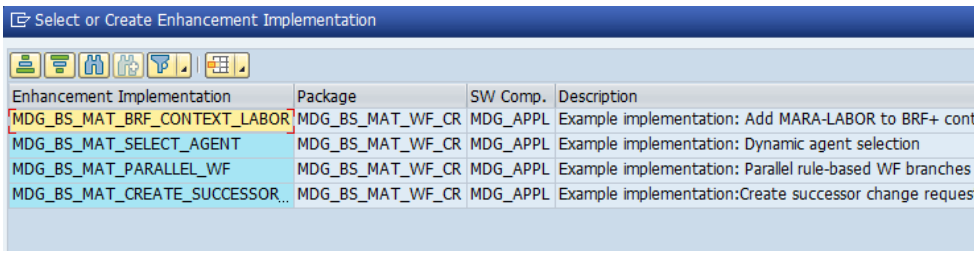
Create

Expand BAdI definition
USMD_SSW_RULE_CONTEXT_
PREPARE and then open the
context menu on
Implementations and choose
Create BAdI Implementation.

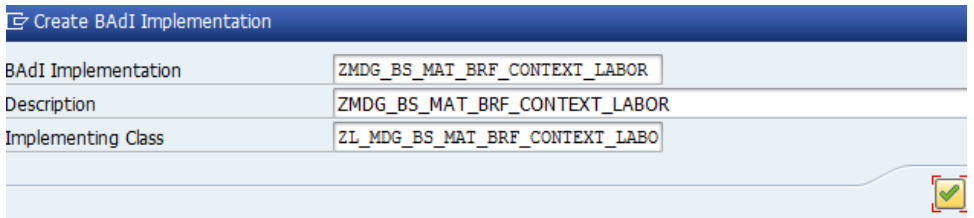


5.2.2. Create a BAdI implementation

The window shown is the
screen shot that opens. Select
MDG_BS_MAT_BRF_CONTEXT
_LABOR and choose *Ok*.



Enter the details of the BAdI
implementation as shown in
this screen shot.



Select the *Enhancement Implementation* MDG_BS_MAT_BRF_CONTEXT_LABOR and choose *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 im

Expand your new *BAdI Implementation* ZMDG_BS_MAT_BRF_CONTEXT_LABOR

Display the *Implementing Class* and open the *IF_USMD_SSW_RULE_CNTX_PREPARE* method.

Enhancement Implementation MDG_BS_MAT_BRF_CONTEXT_LABOR Display

Enhancement Implementation MDG_BS_MAT_BRF_CONTEXT_LABOR Inactive

PropertiesHistoryTechnical DetailsEnh. Implementation Elements

BAdI Implementations

MDG_BS_MAT_BRF_CONTEXT_LABOR
ZMDG_BS_MAT_BRF_CONTEXT_LABOR
Filter Values

Implementing Class

IF_USMD_SSW_RULE_CNTX_PREPARE
ZL_MDG_BS_MAT_BRF_CONTEXT_LABO

Method

IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE_...
GET_ELEMENT_ID
READ_MATERIAL
READ_CREQUEST
READ_CR_OBJECTLIST

Short Description
get element ID
Read material d
Read CR
Reads change n

This is the code for your BAdI.

Take a look through the code and change it if necessary, then choose *Save* and *Activate* when you are done.

Class Builder Class ZL_MDG_BS_MAT_BRF_CONTEXT_LABO Display

IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE_CONTEXT inactive

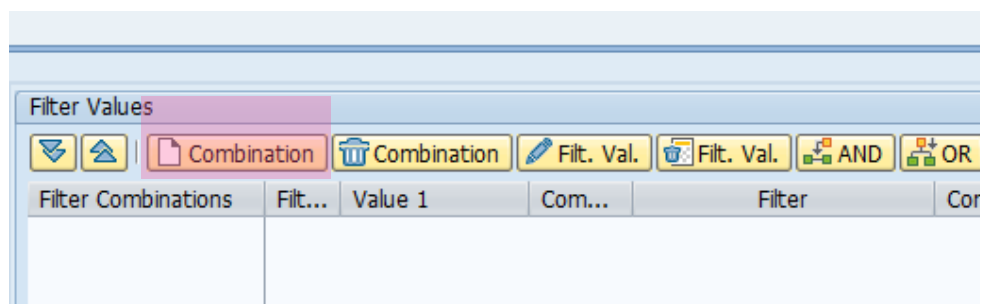
```
1  METHOD IF_USMD_SSW_RULE_CNTX_PREPARE~PREPARE_RULE_CONTEXT.  
2  * Add one decision table parameter "Labor" (MARA-LABOR)  
3  * to the user agent decision table  
4  DATA: lv_brfr_expr_id TYPE if_fdt_types=>id.  
5  DATA: ls_context      TYPE usmd_s_fdt_context_value.  
6  DATA: lv_crequest     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
```

5.2.3. Define a BAdI filter

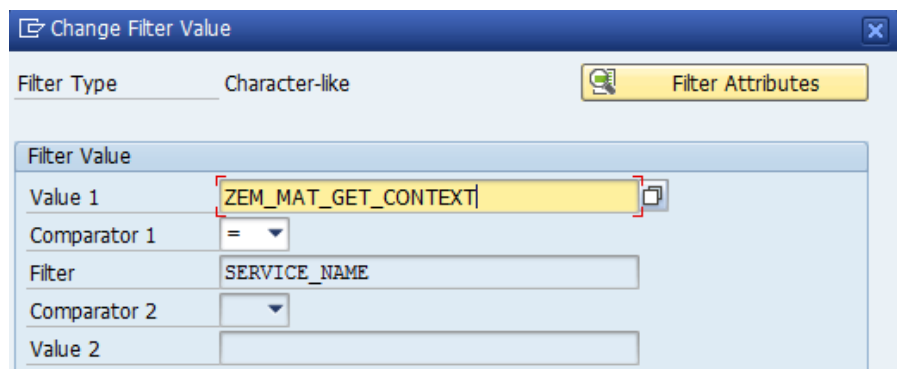
Next you need to create a filter.

Underneath the *Implementing* Class, select *Filter Values*.

Choose the *Combination* button and then open the line that pops up with the page icon.



Enter your service name as *Value 1* for your filter and choose *OK*.

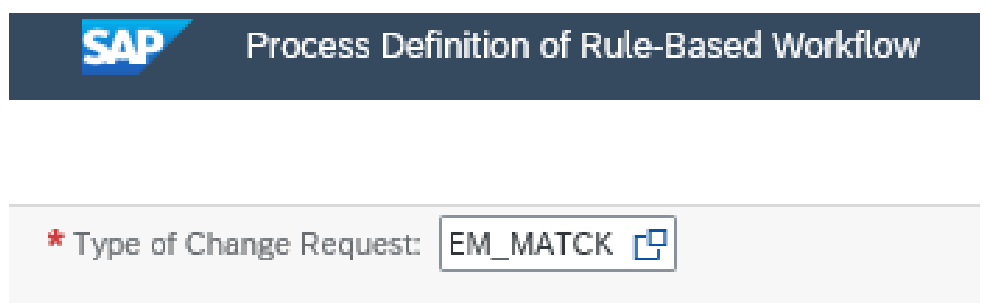


Save and Activate

5.2.4. Configure BRFplus customizing tables

Return to the SAP Easy Access Menu and execute transaction USMD_SSW_RULE.

Here, input your *Type of Change Request*.



Next you create the *LABOR* field.

In the new screen go to *BRF+ Application* → *CR-Type Related Application*.

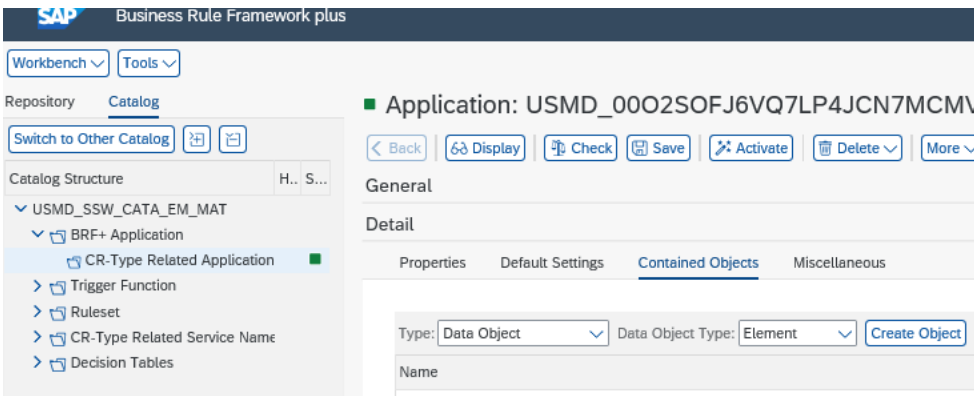
On the *Contained Objects* tab and choose *Data Object* for the *Type* and *Element* for the *Data Object Type*.

Then choose *Create Object*.

Enter the details as shown in the example in the screen shot.

Ensure to set the *Binding Type* to *Bind to...* and the *DDIC Element* to *LABOR*.

Once you have entered all of the details, choose *Create* and navigate to object.



General data

Type:

* Name:

Short Text:

Text:

Application:

Element

Properties Value Help

Define Data Binding

Binding Type: [Refres...](#)

DDIC Elem...: [Where...](#)

DDIC Desc...:

Define Element Properties

Element Ty...:

Element Attributes

Length:

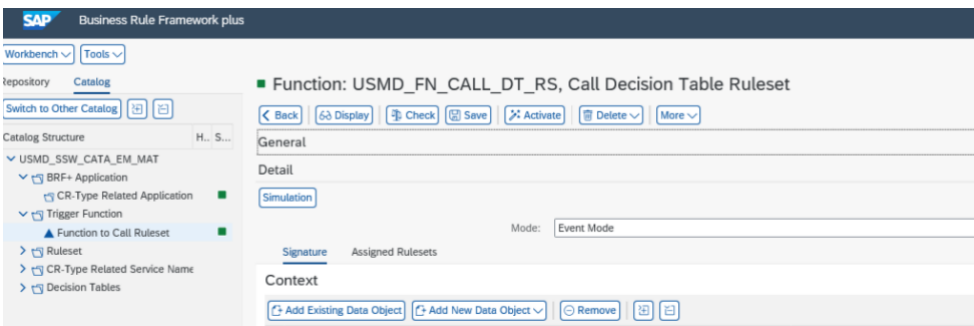
Convert to... : ☒

Numeric C... :

Save and Activate

Expand the *Trigger Function* and select *Function to Call Ruleset*.

Choose edit and then *Add Existing Data Object*.



Object Query

Hide Search Fields

Search Criteria

Application ...

is equal to

USMD_0002SOFJ

+

-

Data Object ...

is equal to

Any

+

Name

is equal to

*

+

-

Text

is equal to

*

+

-

Also include objects from default BRFplus application: ☐

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	<div></div>	Text	RBWF_APP_EM_MATCK
<input type="checkbox"/>			
<input type="checkbox"/>			

Save and Activate

In a new GUI window, execute transaction

USMD_SSW_RULE.

Input MAT01 for Type of Change Request and choose Ok.

Expand DECISION_TABLE.

Open DT_SINGLE_VAL_MAT01 and choose Export To Excel as shown in the screenshot.

Repeat these steps for the two other decision tables, DT_NON_USER_AGT_GRP_MA T01 and DT_USER_AGT_GRP_MAT01.

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

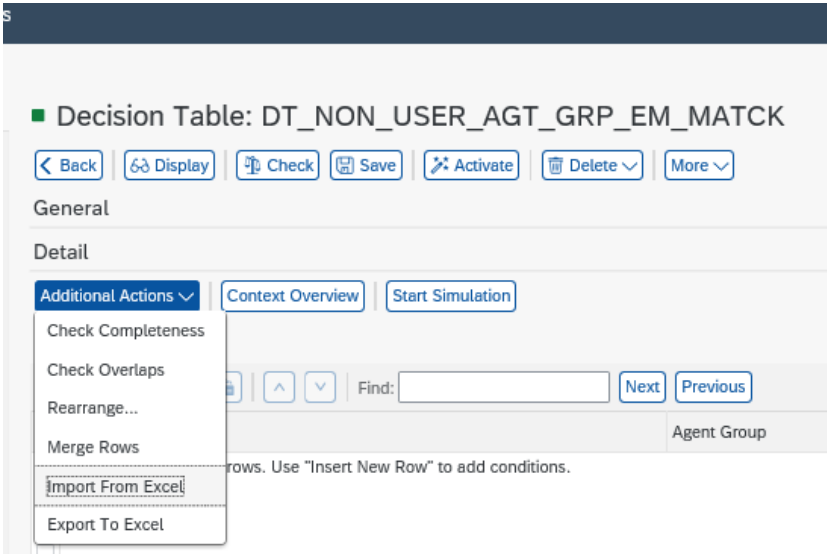
<input type="checkbox"/> CR Previous Step	Previous Action	Chng. Req. Priority	Chng. Req. Reason
<input type="checkbox"/> =00 (Processing)			
<input type="checkbox"/> =90 (Final Check)	=09 (Activate)		
<input type="checkbox"/> =90 (Final Check)	=04 (Reject)		
<input type="checkbox"/> =91 (Activation)	=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 workflow configuration for your change request type.

Open the decision tables like you did in the previous step. You will notice these decision tables are blank.

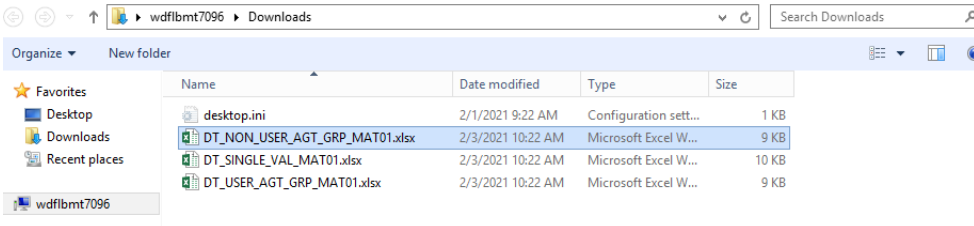
Next, you have to import the tables from the excel.

Choose *Additional Actions* → *Import From Excel*.

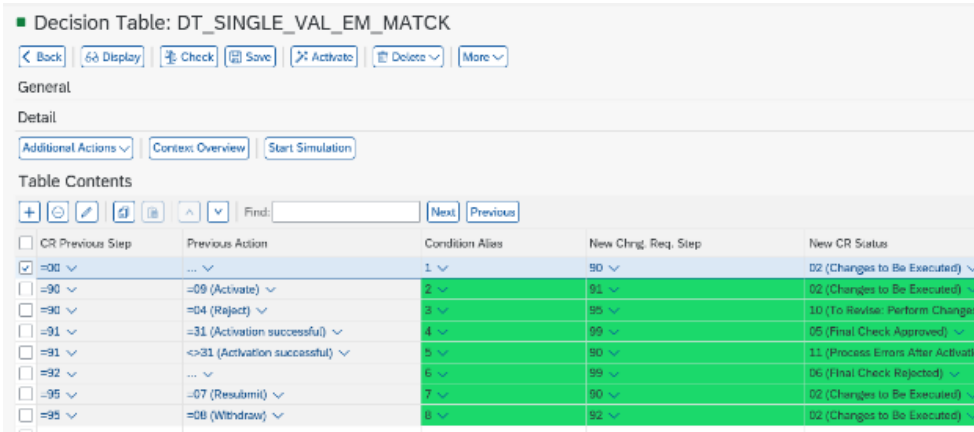


Do this for the three decision tables.

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



The single value table appears as shown in the screenshot.



Save and Activate.

The non user agent appears as shown in the screenshots.

■ 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

<input type="checkbox"/> 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)
<input type="checkbox"/>		
<input type="checkbox"/>		

Save and Activate

The user agent appears as shown in the screenshot.

◆ Decision Table: DT_USER_AGT_GRP_EM_MATCK Active version available

< Back

Display

Check

Save

Activate

Delete

More

General

Detail

Additional Actions

Context Overview

Start Simulation

Table Contents

+ -

Find:

Next

Previous

<input type="checkbox"/> 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_MDM_M
<input type="checkbox"/> =3	001	4 (Revise Change Request)	AG (Role)	SAP_MDM_M
<input type="checkbox"/>				
<input type="checkbox"/>				

Save and Activate

The user agent table must be altered to contain Laboratory. In edit mode, choose *Table Settings*, which is located on the right-hand side above the decision table.

You will now be brought to the screen shown. Choose *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
<div><div></div>COND_ALIAS</div>	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
<div><div></div>AGENT_GROUP</div>	User Agt Grp No.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang
<div><div></div>STEP_TYPE</div>	Step Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang
<div><div></div>USER_TYPE</div>	User Agent Type	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang
<div><div></div>USER_VALUE</div>	User Agent Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Full Access (Chang

In the *Search Criteria* search for *Name is equal to LABOR* and select the data object *Laboratory* that you created.

Choose *Ok*.

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
<div><div></div>Laboratory</div>	<div></div>	Text	RBWF_APP_EM_MATCH
<div><div></div></div>			
<div><div></div></div>			

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15 / 22

Your condition column appears as shown in the screenshot.

Choose *Ok*.

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 All
<input checked="" type="radio"/>	LABOR	Laboratory	<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 (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 appears as in the screen shot.

Save and *Activate*.

You 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

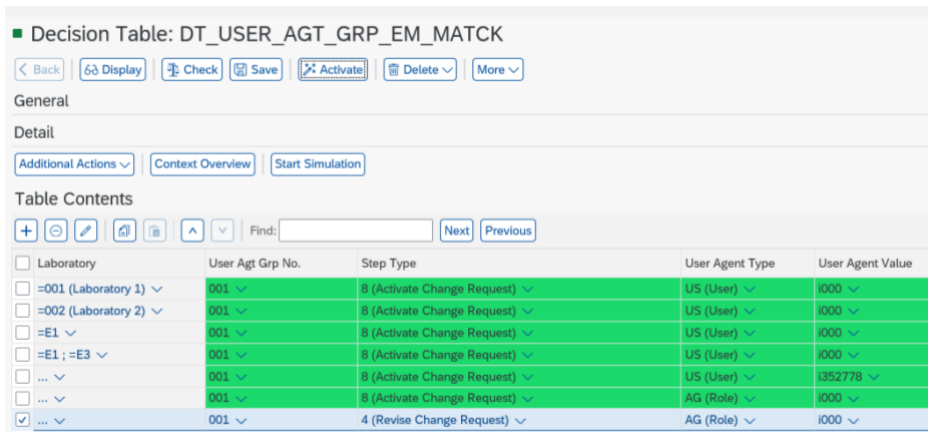
	Condition Alias	Laboratory	User Agt Grp No.	Step Type	User Agent Ty
<input type="checkbox"/>	=1 ; =5 ; =7		001	6 (Activate Change Request)	AG (Role)
<input type="checkbox"/>	=3		001	4 (Revise Change Request)	AG (Role)
<input type="checkbox"/>					

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16 / 22

Modify the user decision table so that it appears as shown in the screen shot.

You are creating conditions for Labs 001, 002, E1, E2 and E3.



The screenshot shows a web-based interface for editing a decision table. The title is "Decision Table: DT_USER_AGT_GRP_EM_MATCK". Below the title are several action buttons: "Back", "Display", "Check", "Save", "Activate", "Delete", and "More". The interface is divided into sections: "General", "Detail", and "Table Contents". The "Table Contents" section shows a table with 5 columns: "Laboratory", "User Agt Grp No.", "Step Type", "User Agent Type", and "User Agent Value". The table contains 8 rows of conditions. The first 7 rows are for activating change requests, and the 8th row is for revising a change request. The "Laboratory" column has dropdown menus for each row, showing values like "001", "002", "E1", "E1 ; E3", "...", "...", and "...". The "User Agt Grp No." column has dropdown menus showing "001". The "Step Type" column has dropdown menus showing "8 (Activate Change Request)" for the first 7 rows and "4 (Revise Change Request)" for the 8th row. The "User Agent Type" column has dropdown menus showing "US (User)" for the first 7 rows and "AG (Role)" for the 8th row. The "User Agent Value" column has dropdown menus showing "i000" for the first 7 rows and "i352778" for the 8th row.

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

You are creating conditions for
Labs 001, 002, E1, E2 and E3.

Decision Table: DT_USER_AGT_GRP_EM_MATCK

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) ▾	1000 ▾
<input type="checkbox"/>	=002 (Laboratory 2) ▾	001 ▾	8 (Activate Change Request) ▾	US (User) ▾	1000 ▾
<input type="checkbox"/>	=E1 ▾	001 ▾	8 (Activate Change Request) ▾	US (User) ▾	1000 ▾
<input type="checkbox"/>	=E1 ; =E3 ▾	001 ▾	8 (Activate Change Request) ▾	US (User) ▾	1000 ▾
<input type="checkbox"/>	... ▾	001 ▾	8 (Activate Change Request) ▾	US (User) ▾	1352778 ▾
<input type="checkbox"/>	... ▾	001 ▾	8 (Activate Change Request) ▾	AG (Role) ▾	1000 ▾
<input checked="" type="checkbox"/>	... ▾	001 ▾	4 (Revise Change Request) ▾	AG (Role) ▾	1000 ▾

Save and Activate.	
--------------------	--

Now that you have changed the *User Agent Type* to *US (User)*, it is important to input a value for that *User Agent Type*.

	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.	
--------------------	--

Next you must add the service name that you created earlier.

Expand *CR-Type Related Service Name* and choose *Set Service Name*.

SAP Business Rule Framework plus

Workbench Tools

Repository Catalog

Switch to Other Catalog

Catalog Structure Has... Status

- USMD_SSW_CATA_EM_1
 - BRF+ Application
 - Trigger Function
 - Ruleset
 - CR-Type Related St
 - Set Service Name
 - Decision Tables
 - Non-User Agent Deci
 - User Agent Decisi
 - Single Value Deci

Constant: CNST_PROC_DT_SN_EM_MATCK

Back Edit Check Save Activate Delete More

General

Detail

Context Overview Start Simulation

Element Type: Text

Result Data Object: Service Name

Value: 2024-01-01

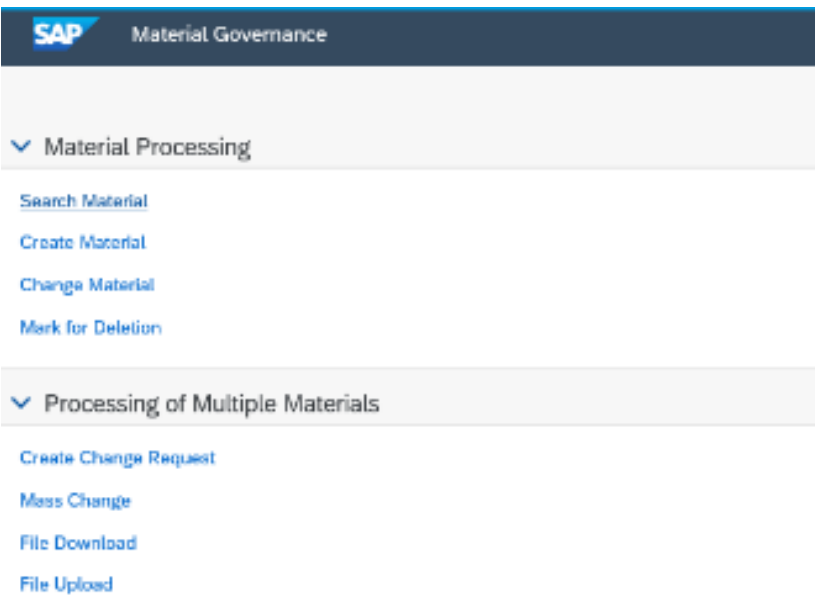
Input the service name you created.	<div><div>Constant: CNST_PROC_DT_SN_EM_MATCK</div><div><div>Back</div><div>Edit</div><div>Check</div><div>Save</div><div>Activate</div><div>Delete</div><div>More</div></div><div>General</div><div>Detail</div><div><div>Context Overview</div><div>Start Simulation</div></div><div><div>Element Type:</div><div>Text</div></div><div><div>Result Data Object:</div><div>Service Name</div></div><div><div>Value:</div><div>ZEM_MAT_GET_CONTEXT</div><div>Rule Context for Lab/Office</div></div></div>
Save and Activate.	

6. Try-out

To test your configurations, create a material with *LAB 001* and check to see if it must be processed by user *i000*.

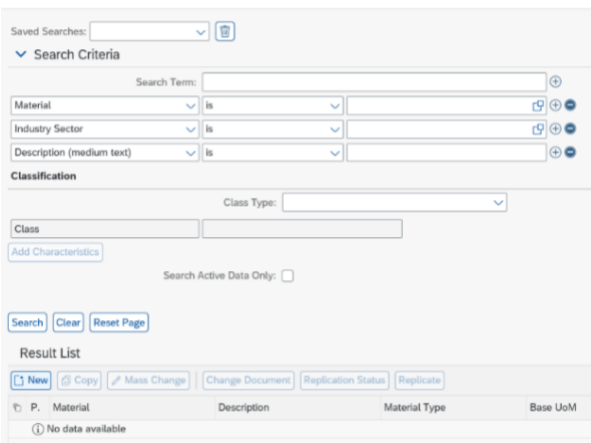
Open *NWBC* and go to the *Material* tab.

Choose *Search Material* from the *Material Processing* list.

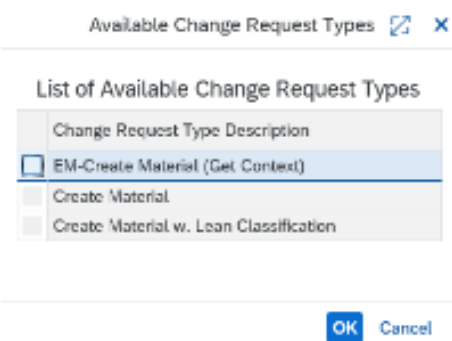


Here, you can search for a material. It is recommended to search for the material you are going to create to ensure it is not already in the system.

Choose *New*.



Select the change request you created.



Fill in the details of your material.

Input the *Laboratory* value as 001.

Also make sure to add a description.

Choose *Submit*.

Change Request

Edit

General

Notes

Attachments

General Data

Process Data

Change Request:

172

Description:

Test CR

Priority:

Due Date:

Reason:

Status of Change Request:

Changes to Be Executed

Current Work Item:

New Change Request

What's New

Created On/By:

01.04.2021 13:10:52

CHRIS KA

Type of Change Request:

EM_MATCH

Status of Change Request:

02

Changes to Be Executed

Change Management

Basic Data

Edit

Replication Status

General Data

Grouping

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:

External Material Group:

Product Hierarchy:

Generic Item Group Category:

Material Group Packaging Materials:

Design Data

Lab/Office:

001

Laboratory 1

Industry Standard Description:

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

In the example, the *Requestor* is although the *Processor* is *User Test* (i000).

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: [Standard 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

7. Additional Information

7.1. Further Reading

7.1.1. 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 Appliance Library: [S/4HANA 2022 FPS1](#)
- Learn more: [Latest Release](#) | [Help Portal](#) | [How-to Information](#) | [Key Presentations](#)

7.1.2. SAP Roadmap Explorer

- Please see the [roadmap for SAP Master Data Governance](#)

7.1.3. 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](#)

7.2. SAP Notes

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

Note	Description
3134600	MDG-M: Supported fields in Data Model MM
1806108	Functional restrictions in MDG-M in MDG7 (incl. SP02)
2129261	Functional restrictions in MDG-M in MDG8
2284745	Functional Restrictions in MDG for Material with SAP Master Data Governance 9.0
2461516	Functional Restrictions in MDG for Material with SAP Master Data Governance 9.1
2656693	Functional Restrictions in MDG for Material in SAP Master Data Governance 9.2 and on SAP S/4HANA 1809
2816571	Functional Restrictions in MDG for Material on SAP S/4HANA 1909
2948873	Functional Restrictions in MDG for Material on SAP S/4HANA 2020
3070012	Functional Restrictions in MDG for Material on SAP S/4HANA 2021
3219945	Functional Restrictions in MDG for Material on SAP S/4HANA 2022
3374998	Functional Restrictions in MDG for Material on SAP S/4HANA 2023

2105467	MDG Performance
2561461	Scope of support for SAP Master Data Governance (MDG)
1637249	MDG: Information for efficient message processing