

How-To Guide: Enabling Database Search for EAM objects in EAM (Applicable from EAM 2021 release)

Applies to

MDG EAM Solutions by Prometheus Group

Summary

Database search was delivered as default search for MDG EAM product releases from its initial releases.

Considering the fact that SAP HANA based search is more convenient and effective search help method and which has advantages over database search in terms of extending the attributes with minimum configuration and along with it rank-based capability.

Effective from MDG EAM 2021 release, SAP HANA based search is marked as default and mandatory search for all EAM objects in its product releases and option of database search from search method for all EAM objects is removed to enable the customers to get use with SAP HANA based search.

Considering the fact that Database search was available from its initial release and for those customer who want to continue with database search for EAM objects for any business reasons, This guide helps them to enable the database search for given EAM objects along with SAP HANA based search.

This guide describes the necessary configuration steps for enabling the database search(DB Search) for all EAM objects .

You can perform most configuration tasks in customizing for Master Data Governance under SAP Reference IMG -> Cross Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance.

Additionally, you can use the following transactions:

- MDGIMG – IMG Master Data Governance

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Created On: 19th January 2021

Updated On: 05-08-2021

Version: 1.0

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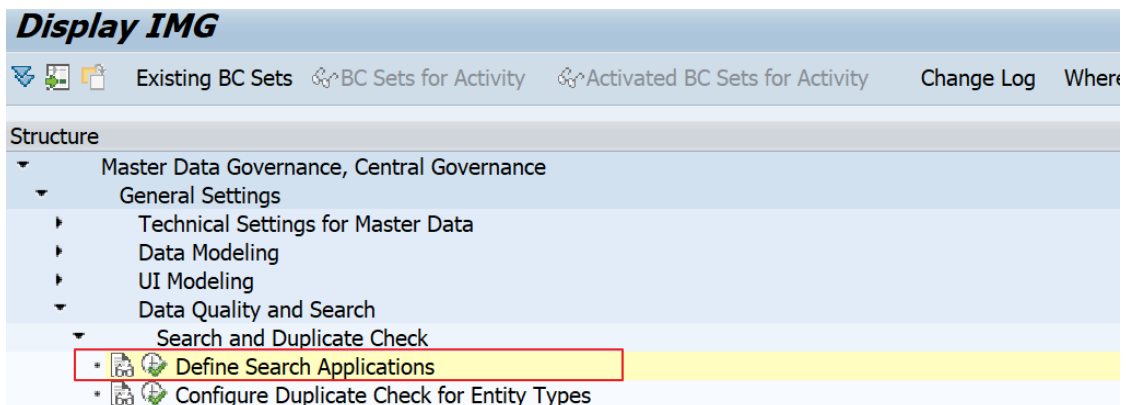
Introduction

This Guide describes procedure to enable the Database search (DB search) for EAM objects for the product release EAM 2021 and its subsequent releases.

Allocation of Entities to Search Applications

Perform the below steps:

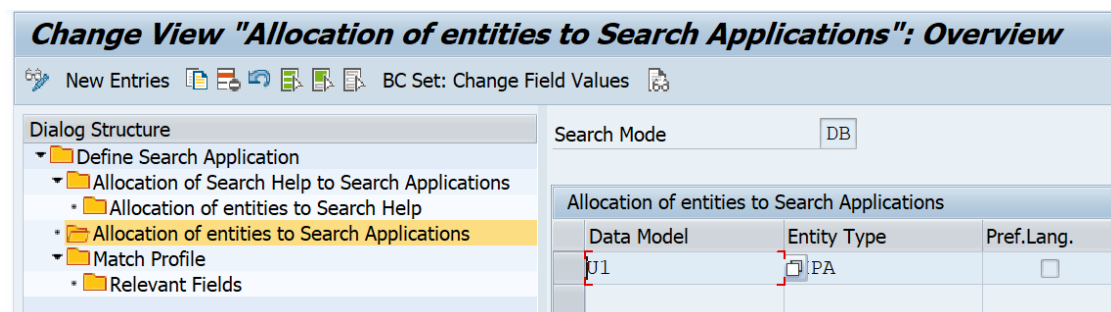
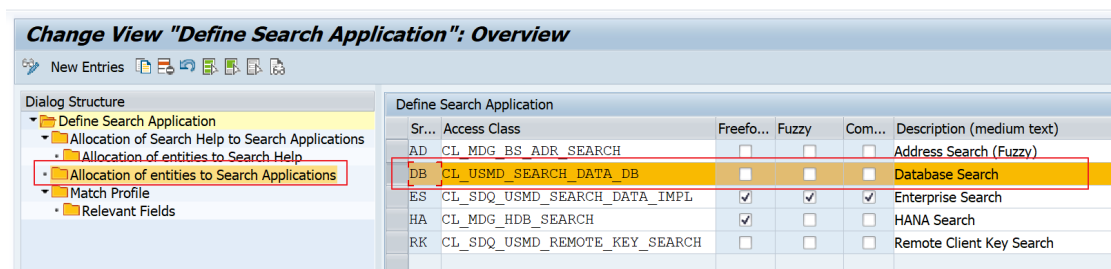
1. Run t-code MDGIMG->General Settings->Data Quality and Search->Search and Duplicate search ->Define Search Applications



2. Click on Define Search Applications -> Select the row with below data record -> double Click on Node 'Allocation of entities to Search Applications'

Search mode: DB
Access Class: CL_USMD_SEARCH_DATA_DB
Description: Database Search

Note:
If the entry for Search mode "DB" is missing, Please add the same to proceed further.





- Click on button "New Entries" and Populate the below data and save the changes to Transport request as per the project guidelines.

Data Model: U1

Entity Type: FUNCLOC

Change View "Allocation of entities to Search Applications": Overview

New Entries  BC Set: Change Field Values 

Dialog Structure


- Define Search Application
 - Allocation of Search Help to Search Applications
 - Allocation of entities to Search Help
 - Allocation of entities to Search Applications
 - Match Profile
 - Relevant Fields

Search Mode: DB

Allocation of entities to Search Applications

Data Model	Entity Type	Pref.Lang.
U1	PA	<input type="checkbox"/>

Table View Edit Tools Selection Entities System Help



New Entries: Overview of Added Entries

Dialog Structure

- Define Search Application
 - Allocation of Search Help to Search Applications
 - Allocation of entities to Search Help
 - Allocation of entities to Search Applications
 - Match Profile
 - Relevant Fields

Search Mode: DB

Allocation of entities to Search Applications

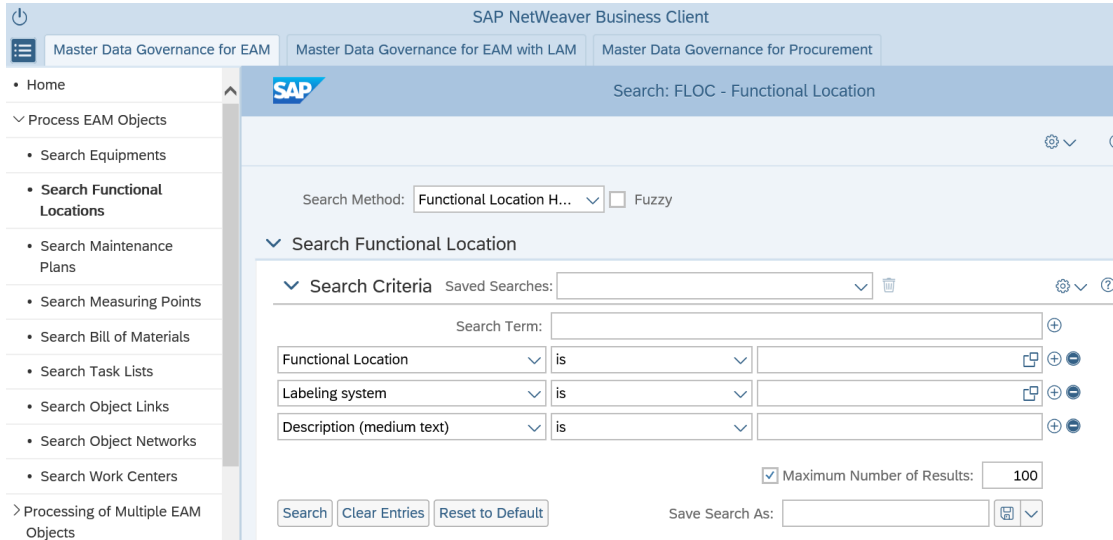
Data Model	Entity Type	Pref.Lang.
U1	FUNCLOC	<input type="checkbox"/>

Repeat the step of allocating entities to DB search application for other EAM entities also.

Data model	Entity Name
U1	EQUI
U1	MSPOINT
U1	TLGNHDR
U1	TLFLHDR
U1	TLEQHDR
U1	PMBOMHDR
U1	WBSBOMHDR
U1	EQBOMHDR
U1	FLBOMHDR
U1	MPLAN
U1	OBJLINK
U1	OBJNETWRK
U1	WORKCNTR
U1	CONOBJ
U1	DEVICE
U1	DEVLOC
U2	SERVICE

Testing the DB search for Functional Location

- Run t-code NWBC and navigate to Tab “Master Data Governance for EAM ”-> Search Functional Location



SAP NetWeaver Business Client

Master Data Governance for EAM | Master Data Governance for EAM with LAM | Master Data Governance for Procurement

Search: FLOC - Functional Location

Search Method: Functional Location H... ☐ Fuzzy

Search Functional Location

Search Criteria Saved Searches:

Search Term:

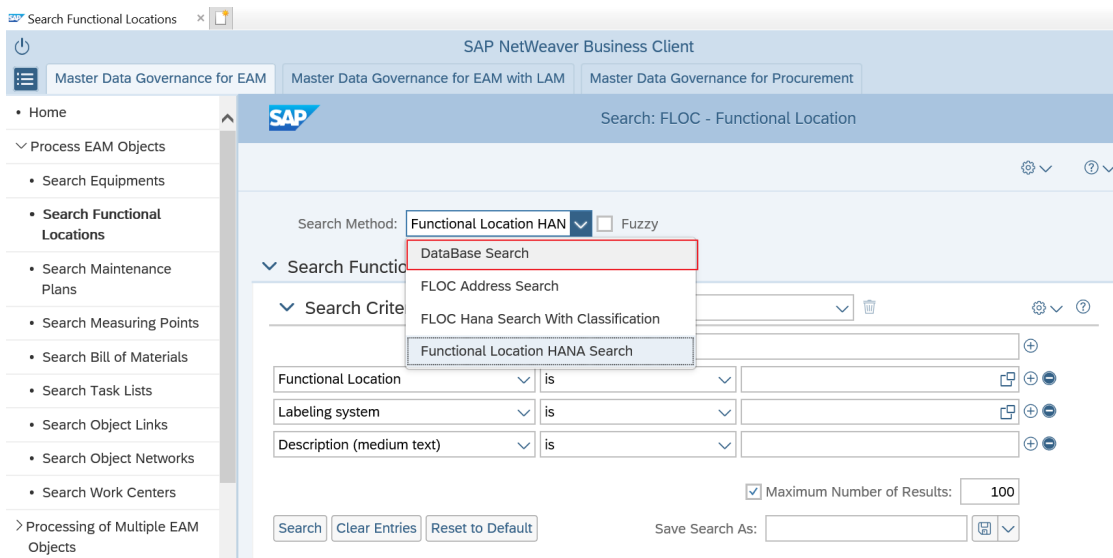
Functional Location	is	<input type="text"/>
Labeling system	is	<input type="text"/>
Description (medium text)	is	<input type="text"/>

☒ Maximum Number of Results: 100

Save Search As:

Note: Please note that Effective from EAM 2021 Product release, SAP HANA based search is marked as default and mandatory search.

- Select the drop down for search method to proceed with Database Search.



Search Functional Locations

SAP NetWeaver Business Client

Master Data Governance for EAM | Master Data Governance for EAM with LAM | Master Data Governance for Procurement

Search: FLOC - Functional Location

Search Method: Functional Location HAN ☐ Fuzzy

Search Functional Location

Search Criteria Saved Searches:

Functional Location

Labeling system

Description (medium text)

☒ Maximum Number of Results: 100

Save Search As:

- Continue with Functional Location Search to get the results. Snapshot attached

Search Functional Locations

SAP NetWeaver Business Client

Master Data Governance for EAM | Master Data Governance for EAM with LAM | Master Data Governance for Procurement

Search: FLOC - Functional Location

Search Method: DataBase Search

Search Functional Location

Search Criteria

Functional Location is CB01

Labeling system is

Maximum Number of Results: 100

Search Clear Entries Reset to Default

Save Search As:

Search Results

Result List: 1 record found

SAP NetWeaver Business Client

Master Data Governance for EAM | Master Data Governance for EAM with LAM | Master Data Governance for Procurement

Search: FLOC - Functional Location

Maximum Number of Results: 100

Search Clear Entries Reset to Default

Save Search As:

Search Results

Result List: 1 record found

Standard New Copy Mark For Deletion Mass Change Change Documents Replicate

Replication Status Change Requests

	Functional Location	Functional Location Description	Labeli...	Geom...	Rank	FunctL...
<input type="checkbox"/>	Pendi...					
<input type="checkbox"/>	CB01	CBTA FLOC CREATED BY BAPI	1		100.00	M