

How-To Guide: Change Request Creation from External API

Applies to

Prometheus Group Solutions for MDG RFM

Summary

In Master Data Governance RFM/RMP (Retail Mass Processing), this API will create the change request for article creation or article change process.

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Introduction

In Master Data Governance for RFM/RMP (Retail Mass Processing), This API will create the change request for article creation or change process.

Details of the API

Class Name: /UGI4/CL_AR_ARTICLE_MAINT_API

Method: PROCESS

Process method have the following parameters.

- Change request type. (RFM / FMS / RMP)
- Change request description.
- Changes request due date.
- Change request reason.
- Change request id (if article locked any change request, the change request number should be passed)
- Change request Priority.
- Mass schema (if user creating RMP Change request, need to pass RMP schema)
- Action code (submit)
 - 0S - Save and Submit CR
 - 0Y - Save Only → change request will save draft mode without submit
- Save mode.
 - A - Check Only → validate the change request
 - B - Save Only → change request will save draft mode without check
 - C - Save and Check without Errors (CR NOT saved if errors exist)
 - D - Save and Check with Errors (CR Saved even errors exist)
- IM_DB_DATA (article master data e.g.: - Basic Data(mara), Unit of Measure(marm), Descriptions(makt) etc.,)

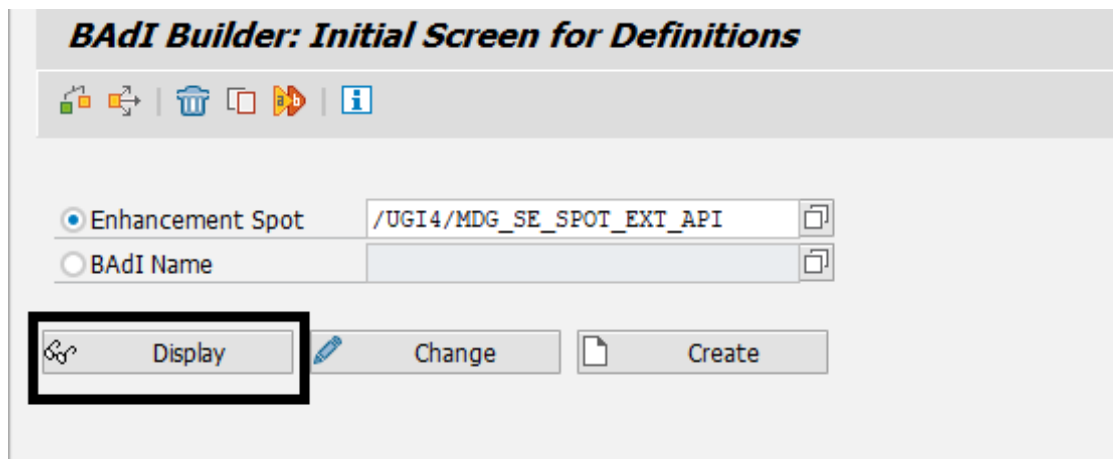
S.No	Type of parameter	Parameter Name	Description	Example
1	Importing	CR_TYPE	Change request type	AR01/FMS1/UGIRMP1
2	Importing	CREQ_TEXT	Change request description	Article Creation
3	Importing	MASS_SHEMA	RMP change request schema name (applicable for RMP change Request)	UGIRMP_CREATE/ UGIRMP_CHANGE
4	Importing	PRIORITY	Change Request Priority	1
5	Importing	DUE_DATE	Change request due date	99991231
6	Importing	REASON	Change Request reason	01
7	Importing	CREQUEST_ID	Change Request number	Applicable if article locked in change request
8	Importing	ACTION	Change request Step	'0S', '0Y'
9	Importing	SAVE_MODE	Save mode	A, B, C, D
10	Importing	IM_DB_DATA	Article master	MARA, MARM, MAKT like database tables data
11	Exporting	ET_MESSAGE	Return message	Return the error message or change request number



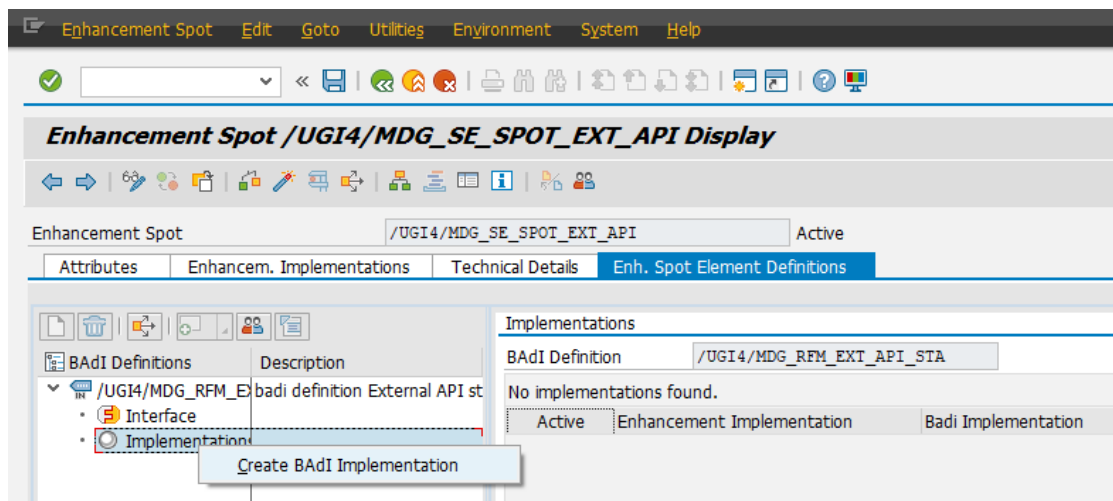
Sample_code_call_External API.txt

Badi implementation to process the custom data model entity to the External API for GDS Integration

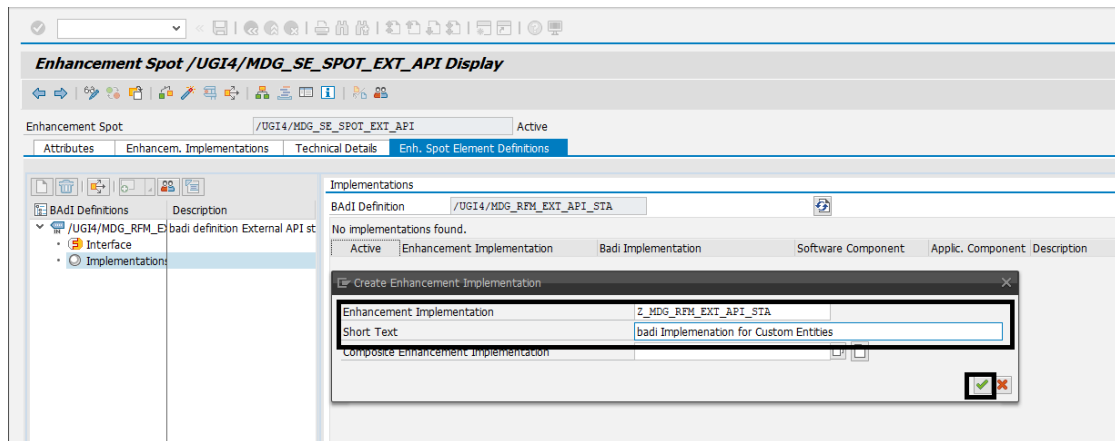
1. Run transaction code Se18.
2. Provide Enhancement spot as '/UGI4/MDG_SE_SPOT_EXT_API' and click on Display.



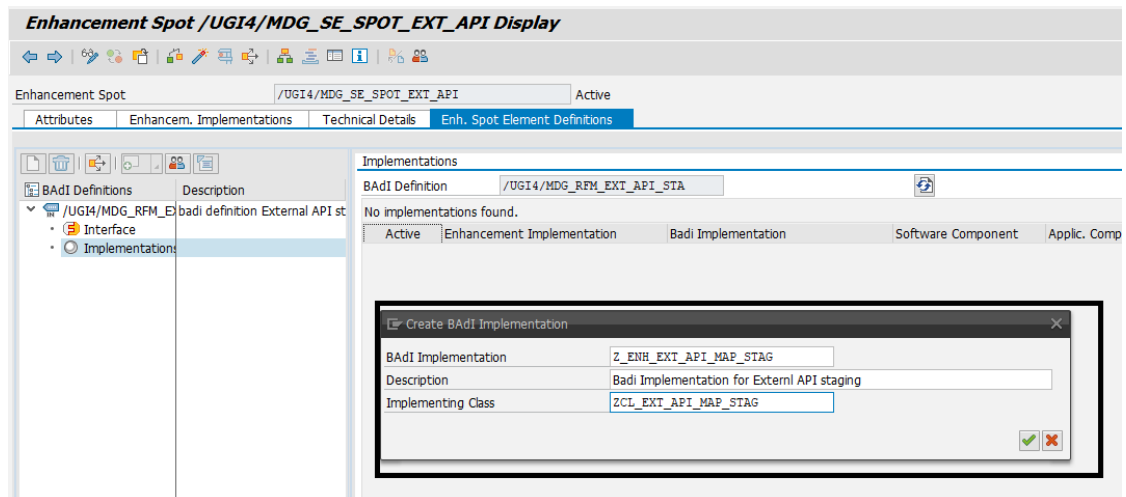
3. Select Enhancement spot → implementation → Right click → select Create BAdi Implementation.



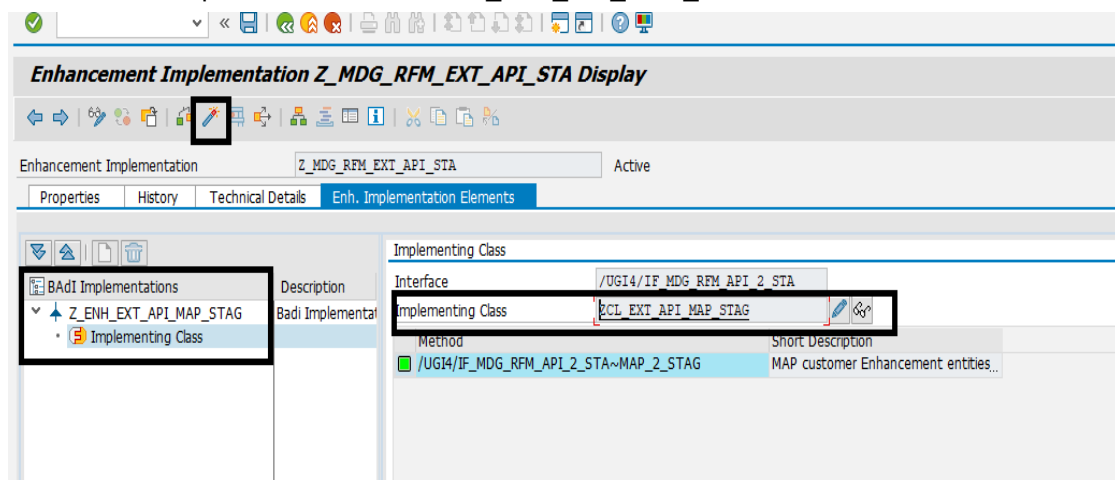
4. Provide Enhancement Implementation Name as 'Z_MDG_RFM_EXT_API_STA' and provide appropriate short text 'Badi Implementation for Custom Entities' and click on 'OK' button.



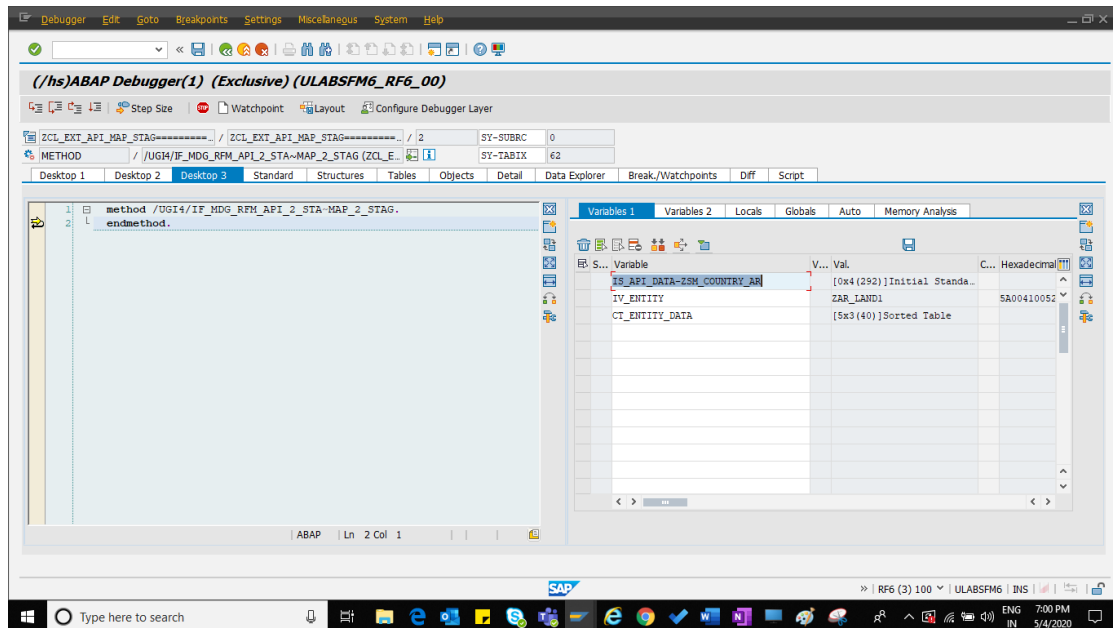
5. Save under appropriate package and transport request.
6. Now it will prompt the Create Badi Implementation.
7. Provide badi Implementation Name as 'Z_ENH_EXT_API_MAP_STAG' and description as 'Badi Implementation for External API staging'
8. Provide implementation class as 'ZCL_EXT_API_MAP_STAG' and click on 'OK' button.



9. Navigate to Badi Implementation Z_ENH_EXT_API_MAP_STAG save, activate the badi definition and implementation class 'ZCL_EXT_API_MAP_STAG'.



10. Append the custom table types in structures '/UGI4/RFM_S_DBSTRUC_IN'.
11. In Badi implementation class 'ZCL_EXT_API_MAP_STA', Method '**MAP_2_STAG**' based on entity name '**Z_ENTITY**' fill the **CT_ENTITY_DATA**.



12. Refer sample code in the class '/UGI4/CL_AR_ARTICLE_MAINT_API' method **MAP_NOSMT_2STA**