

SAP Master Data Governance on SAP S/4HANA 2021

What's New in Data Quality Management

October 2021

PUBLIC

Agenda

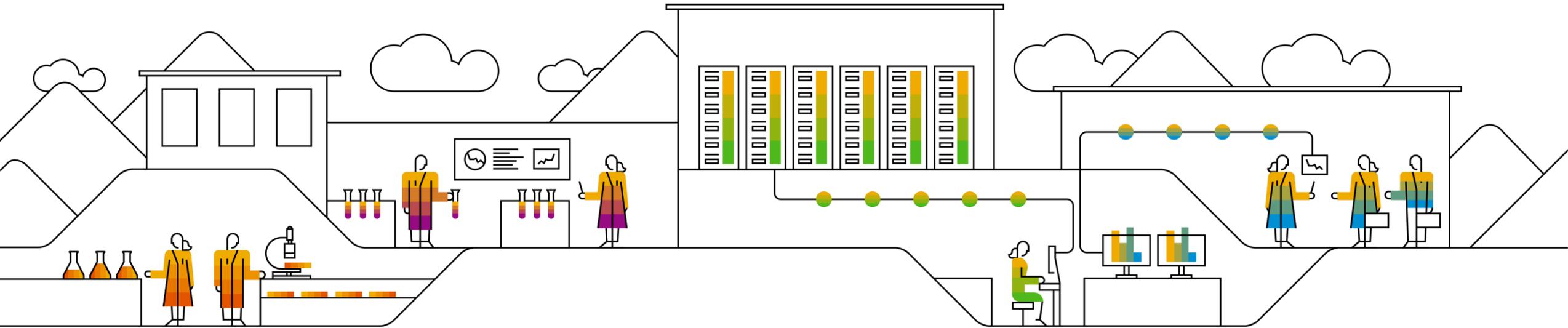
Terminology for Rules

Audit Trail

Extra Data Provisioning

Support of Additional Expression Types

Terminology for Rules

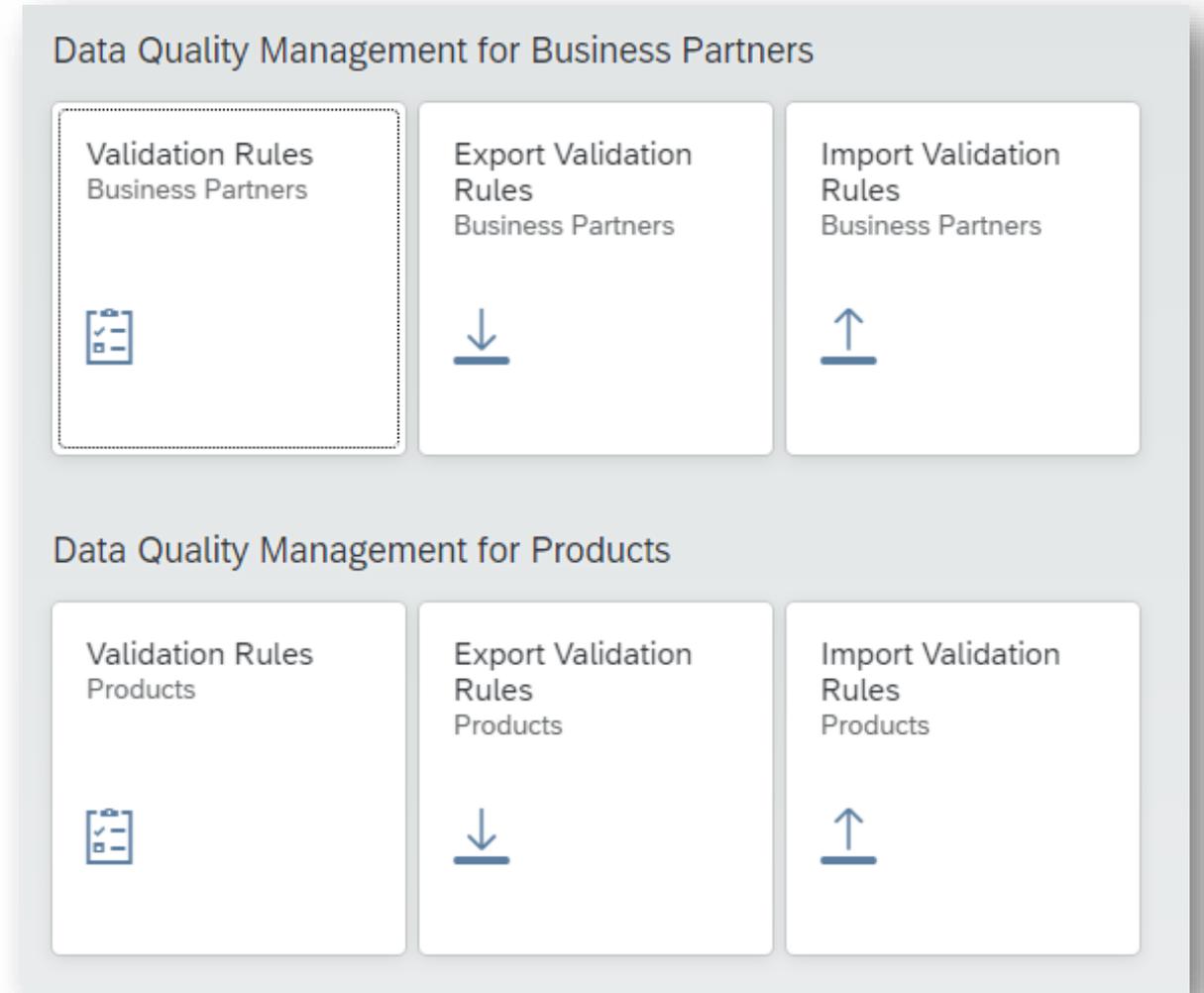


Terminology for Rules

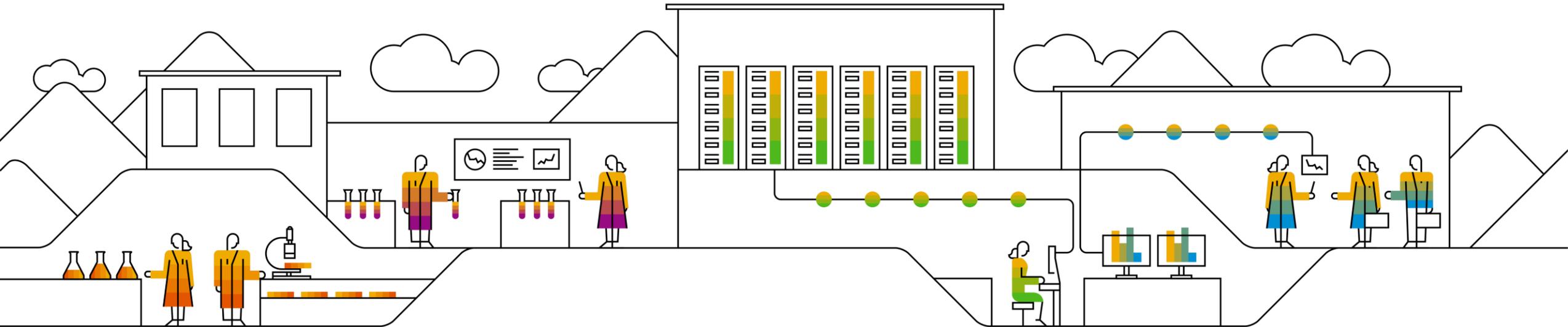
The term "data quality rule" has been replaced by "validation rule". "Data quality rule" is the new superordinate term for both validation rules and derivation rules.

New app titles:

- Validation Rules
- Export Validation Rules
- Import Validation Rules



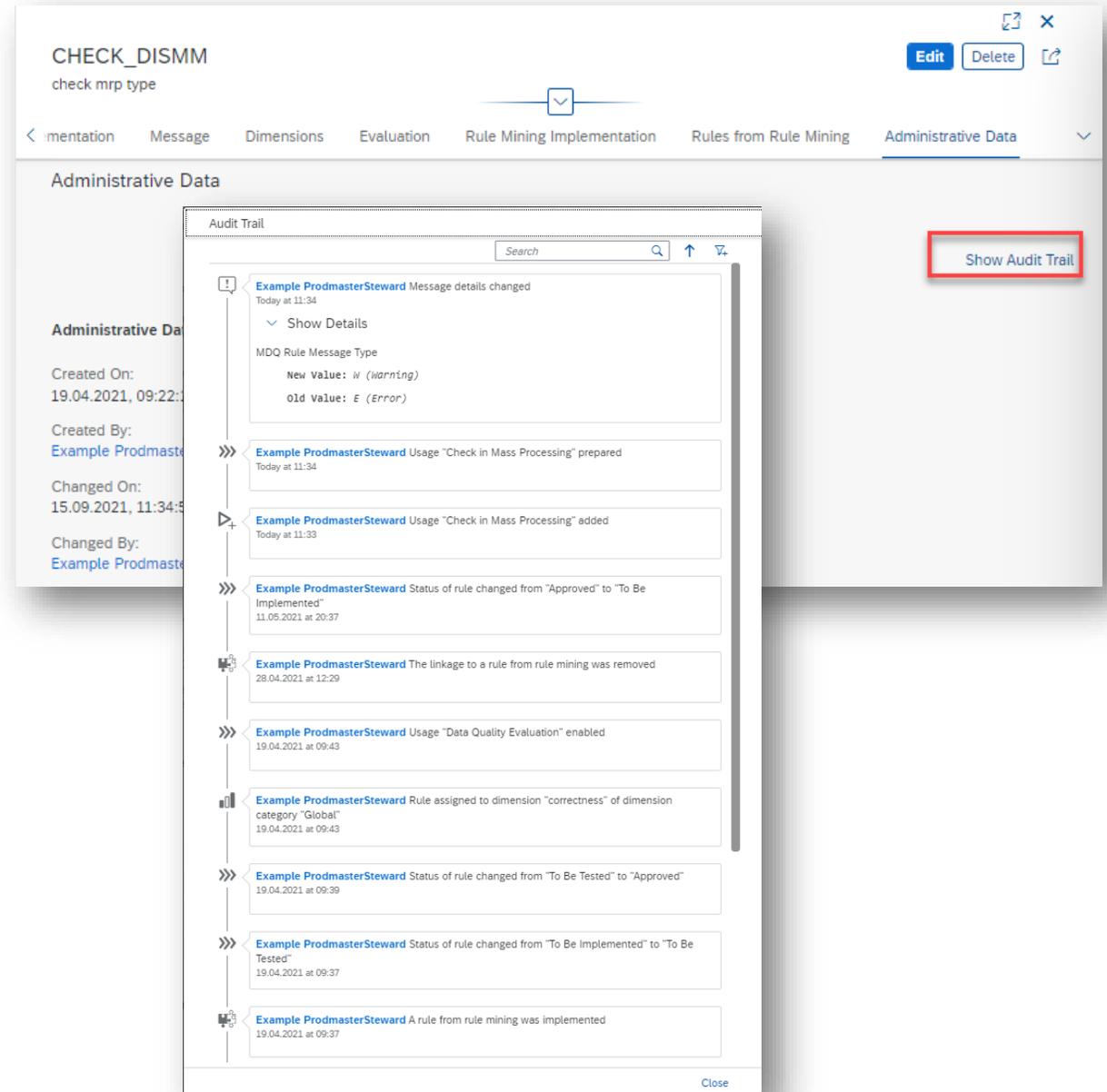
Audit Trail for **Validation Rules**



Audit Trail

The audit trail for validation rules

- Lists all events in the history of a validation rule
- Is available in the Administrative Data section of a validation rule



The screenshot displays the SAP interface for the validation rule 'CHECK_DISMM' (check mrp type). The 'Administrative Data' section is active, showing a list of events in the audit trail. A 'Show Audit Trail' button is highlighted with a red box. The audit trail events include:

- Example ProdmasterSteward Message details changed (Today at 11:34). Details: MDQ Rule Message Type, New Value: W (warning), Old Value: E (Error).
- Example ProdmasterSteward Usage "Check in Mass Processing" prepared (Today at 11:34).
- Example ProdmasterSteward Usage "Check in Mass Processing" added (Today at 11:33).
- Example ProdmasterSteward Status of rule changed from "Approved" to "To Be Implemented" (11.05.2021 at 20:37).
- Example ProdmasterSteward The linkage to a rule from rule mining was removed (28.04.2021 at 12:29).
- Example ProdmasterSteward Usage "Data Quality Evaluation" enabled (19.04.2021 at 09:43).
- Example ProdmasterSteward Rule assigned to dimension "correctness" of dimension category "Global" (19.04.2021 at 09:43).
- Example ProdmasterSteward Status of rule changed from "To Be Tested" to "Approved" (19.04.2021 at 09:39).
- Example ProdmasterSteward Status of rule changed from "To Be Implemented" to "To Be Tested" (19.04.2021 at 09:37).
- Example ProdmasterSteward A rule from rule mining was implemented (19.04.2021 at 09:37).

Extra Data Provisioning



Extra Data Provisioning

Use predelivered procedure calls in the BRFplus implementation of a validation rule to

- Access data in the tables of the product data model independent of the chosen base table
- Access data in the tables of the business partner data model independent of the chosen base table

This is a convenient alternative to writing own database lookups.

The image displays two screenshots of the SAP Object Query tool interface, showing search criteria and result lists for different applications.

Top Screenshot (Application: ZMDQ_147):

- Search Criteria:
 - Application ... is equal to ZMDQ_147
 - Expression T... is equal to Procedure Call
 - Name is equal to *
 - Text is equal to *
- Also include objects from default BRFplus application:
- Maximum Number of Results: 200
- Result list: 16 objects found

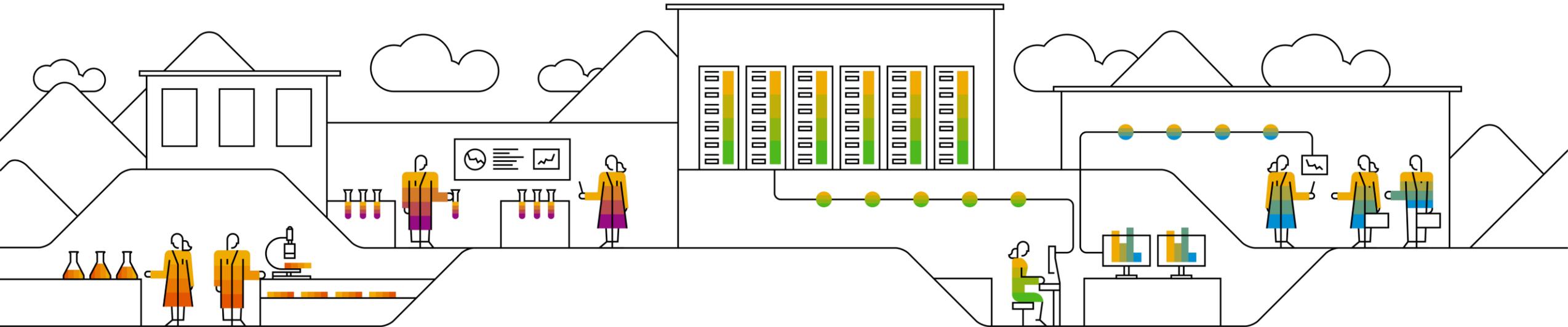
Object	Status	Type	Application
{} ADR12 lookup ALL	■	Procedure Call	ZMDQ_147
{} ADR2 lookup ALL	■	Procedure Call	ZMDQ_147
{} ADR3 lookup ALL	■	Procedure Call	ZMDQ_147
{} ADR6 lookup ALL	■	Procedure Call	ZMDQ_147
{} ADRC lookup ALL	■	Procedure Call	ZMDQ_147
{} BUT021_FS lookup ALL	■	Procedure Call	ZMDQ_147
{} BUT0BK lookup ALL	■	Procedure Call	ZMDQ_147
{} BUT0ID lookup ALL	■	Procedure Call	ZMDQ_147
{} BUT0IS lookup ALL	■	Procedure Call	ZMDQ_147
{} BUT100 lookup ALL	■	Procedure Call	ZMDQ_147

Bottom Screenshot (Application: ZMDQ_194):

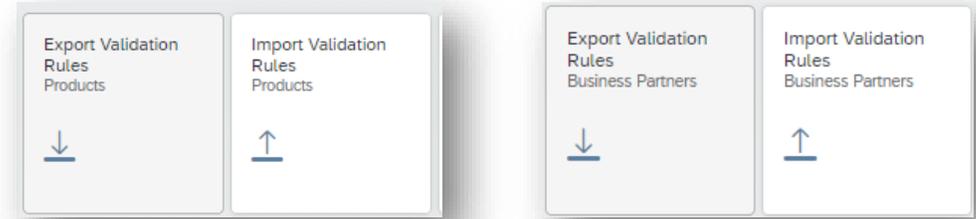
- Search Criteria:
 - Application ... is equal to ZMDQ_194
 - Expression ... is equal to Procedure ...
 - Name is equal to *
 - Text is equal to *
- Also include objects from default BRFplus application:
- Maximum Number of Results: 200
- Result list: 20 objects found

Object	Status	Type	Application
{} CKMLCR lookup ALL	■	Procedure Call	ZMDQ_194
{} CKMLHD lookup ALL	■	Procedure Call	ZMDQ_194
{} CKMLPR lookup ALL	■	Procedure Call	ZMDQ_194
{} CRFH lookup ALL	■	Procedure Call	ZMDQ_194
{} MAKT lookup ALL	■	Procedure Call	ZMDQ_194
{} MAPR lookup ALL	■	Procedure Call	ZMDQ_194
{} MARC lookup ALL	■	Procedure Call	ZMDQ_194
{} MARD lookup ALL	■	Procedure Call	ZMDQ_194
{} MARM lookup ALL	■	Procedure Call	ZMDQ_194
{} MATERIALID lookup AL	■	Procedure Call	ZMDQ_194

Additional Expression Types for **Export** **and Import**



Supported BRFplus Expression Types



Export and import of validation rules now support the following BRFplus expression types:

- Formula (New)
- Function Call (New)
- Procedure Call (New)
- Boolean, Case, Constant, Database Lookup, Decision Table

With OSS Note 3047953 you can use this functionality in earlier releases as well.

[SAP MDG Validation Rules: New BRF+ expression types supported for Export/Import | SAP Blogs](#)

Thank you.

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