SAP Master Data Governance: Business Rules Framework Derivation for Entity type 4

Applies to:
ERP 6, EhP 5 – SAP Master Data Governance. For more information, visit the Master Data Management homepage

Summary
This article explains how entity types 4 with 1:1 and 1:N cardinality are handled in BRF+ by an small example.

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Table of Content

Business Rules Framework Derivation for Entity type 4 ..........................................................................................3
   a. Objects: .................................................................................................................................................3
   b. generated Objects by transaction USMD_RULE...................................................................................3
   c. which function to use in BRF+!!!!!!........................................................................................................4
Conclusion: ......................................................................................................................................................4
Related Content.............................................................................................................................................5
Copyright........................................................................................................................................................6
Business Rules Framework Derivation for Entity type 4

This small how-to explains how Entity types 4 with 1:1 and 1:N cardinality are handled in BRF+ by a small example.

a. Objects:

<table>
<thead>
<tr>
<th>Entity</th>
<th>Type</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARR</td>
<td>1</td>
<td>CURRCODE</td>
</tr>
<tr>
<td>CARR_DELT</td>
<td>4 with 1:1 Card</td>
<td>URL</td>
</tr>
<tr>
<td>COUNTER</td>
<td>4 with 1:N Card</td>
<td>COUNTNUM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AIRPORT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C_URL</td>
</tr>
</tbody>
</table>

b. generated Objects by transaction USMD_RULE

![Structure CARR](image)
A service type 4 with 1:1 cardinality the fields will move into the entity type 1.

For entity type 4 with 1:N cardinality the fields will not move into the entity type 1.

c. which function to use in BRF+!!!!!!

For 1:1 cardinality CARR_DELT: Use DERIVE_CARR with CARR as signature!!
For 1:N cardinality COUNTER: Use DERIVE_COUNTER with COUNTER as signature

Don’t use a function DERIVE_CARR_DELT, which will not work!

Conclusion:

So 1:1 entity types 4 are handled as extension of type 1 and 1:N are handled as separate cases.
Related Content
For more information, visit the Master Data Management homepage