

Proposed Disposition: Resolved

OMG Issue No: 10878

Title: Restriction

Source:

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Summary:

In 16.2.3 (More Advanced Concepts), ninth paragraph, first sentence should clarify that the restriction is recorded in the domain in the XML format, but is a restriction on the range. In particular, "relation" should be expanded to clarify that the restriction applies to each domain individual, not the relation as a whole (i.e., not all tuples).

Resolution:

Edit the text in the ninth paragraph of section 16.2.3 as described below.

Revised Text:

Replace the first sentence which currently reads:

In OWL, a property when applied to a class can be constrained by cardinality restrictions on the domain giving the minimum (**minCardinality**) and maximum (**maxCardinality**) number of instances which can participate in the relation.

with

In OWL, a property restriction applied to a class can impose a cardinality constraint giving the minimum (**minCardinality**), maximum (**maxCardinality**), or exact number of instances that can participate in a relation (of the specified type) with an instance of that class.

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