

Disposition: Closed, no change

OMG Issue No: 10843

Title: Annex D.2, OWL Full

Source:

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Summary:

In Annex D.2, under Figure D1, the second sentence says that OWL Full must be used to subclass OWL class. Why can't OWL class be subclasses in OWL Lite or DL? All instances of subclasses of OWL:Class are also OWL classes, and presumably wouldn't violate the constraints of OWL Lite or DL just because of the subclassing.

Discussion:

OWL DL and OWL Lite prohibit “messing with the vocabulary”. This is intended to prevent users from changing the semantics of the language. OWL Class is an element of this vocabulary. When we asked Description Logic experts about this issue, they reported that the OWL DL semantics prohibits subclassing OWL Class. This prohibition also holds for OWL Lite which is a syntactic subset of OWL DL. Thus the text at issue is correct, subclassing OWL Class puts one into OWL Full.

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