Proposed Disposition: Resolved

OMG Issue No: 12397

Title: **No stereotype for OWL individuals**

Source:

Sandpiper Software, Inc. (Mrs. Elisa F. Kendall, ekendall@sandsoft.com)

Summary:

From the ODM FTF2 meeting minutes, February 20th: There is currently no stereotype available for individuals in the OWL Profile. Participants agreed that we would like to have a stereotype <<owlIndividual>> on UML instance specifications for individual, and would want an additional constraint saying that such an instance specification would only have one value, i.e., that it specifies a single individual; also, what if we have a singleton, but not the corresponding individual? We would still translate the singleton class to an OWL individual in this case ... see issue 10908 (related issue in the mapping chapter).

Resolution:

Add a stereotyped instance specification for <<owlIndividual>> and the corresponding constraint, as suggested.

Revised Text:

Currently, the Stereotype and Base Class text for section 14.2.7.1 **Class Membership and Property Values of Individuals** reads as follows:

No stereotype, use UML::InstanceSpecification typed by a class having the properties desired for the individual. The class may be stereotyped by «singleton» to indicate it is for a specific individual[5]. Classes stereotyped by «singleton» are not translated to OWL, and their properties appear in OWL as properties of the individual.

1. Revise the first sentence to be:

«owlIndividual» with a base class of UML::InstanceSpecification, typed by a class having the properties desired for the individual.

2. Add the following constraint:

[2] The instance specification stereotyped by «owlIndividual» has only one value, i.e., it specifies a single individual.

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