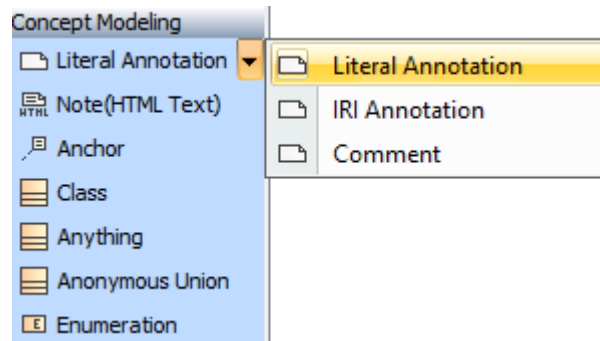


Working with annotations

Annotations in Concept Modeler (CCM) offer a way to add contextual documentation to model elements, e.g., concept models, concepts, and properties. CCM primarily supports two types of annotations: **Literal** and **Internationalized Resource Identifier (IRI)** annotations. For a more in-depth explanation of annotations, please refer to [Annotation and annotation properties](#).

- An «IRI Annotation» is a *use* of an IRI, whereas a «Literal Annotation» of any URI type is a *mention* of an IRI.



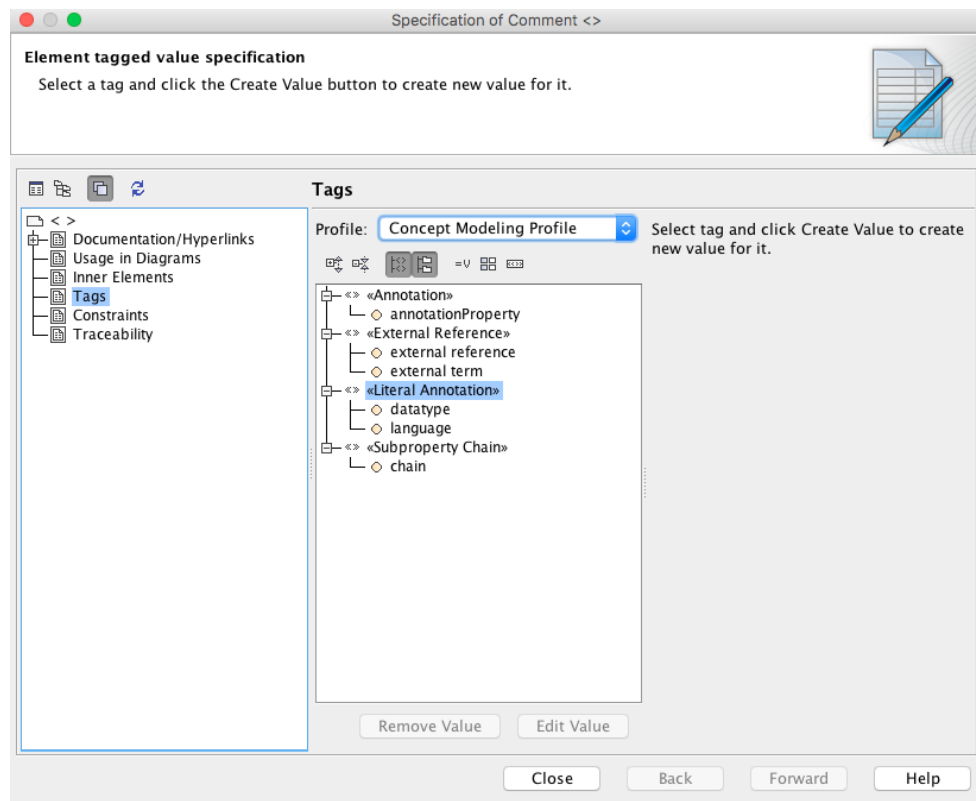
Two types of annotations primarily supported in CCM: Literal and IRI annotations.

- A **literal annotation** provides a data value, e.g., particular string or an integer, that optionally specifies language or datatype of the value.
- An **IRI annotation** specifies an IRI to annotate a model element.

Annotations are stereotyped as either «Literal Annotation» or «IRI Annotation» to identify the type of the annotation value.

More on Literal Annotation

You can specify **datatype** or **language** in the Literal annotation's specification.



Datatype and language can be specified in the literal annotation's specification.

Importing and Exporting Annotations

- A concept model can be specified as an annotated element, like a concept or a property, for an annotation.
- When the concept model is exported to OWL, the annotation will be on the ontology which corresponds to the exported concept model.



Exporting Annotations

When a concept model is exported to OWL:

- The stereotyped UML comments will be exported as OWL annotations.
- IRI annotations are not lost on importing and exporting.
- Similarly, when a model with stereotypes annotating its own elements is imported to CCM, the resulting concept model will contain the annotations that annotated the original ontology.



Importing Annotations

An annotation on an ontology, when that ontology is imported, is converted to an annotation on the concept model which corresponds to that ontology.

Related pages

- [Usage](#)
- [Creating annotations](#)
- [Showing annotations on the diagram](#)
- [Showing an annotation in the Documentation pane](#)
- [Working with annotation properties](#)