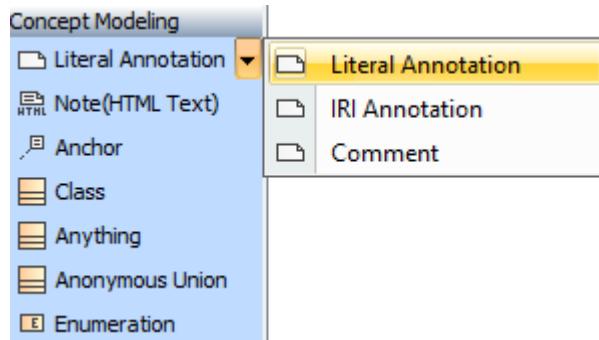


Working with annotations

Annotations in Magic Concept Modeler (MCM) offer a way to add contextual documentation to model elements, e.g., concept models, concepts, and properties. MCM 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.



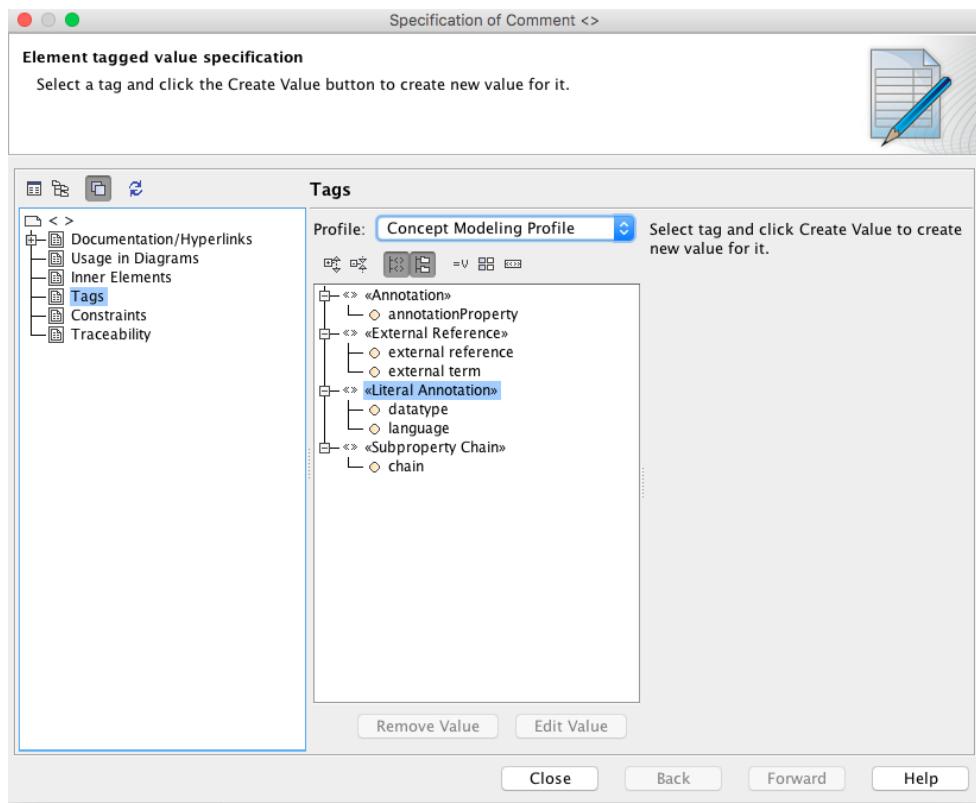
Two types of annotations are primarily supported in MCM: Literal and IRI annotations.

- A **literal annotation** provides a data value, e.g., a particular string or an integer, that optionally specifies the 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, comments made on an ontology with annotations annotated to it will be ignored.~~



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](#)