Cameo Concept Modeler Documentation

Cameo Concept Modeler (Concept Modeler) is a plugin for MagicDraw, the award-winning software modeling tool. It is designed to model real-world concepts, import/export a model from/to an OWL ontology, and generate glossaries in plain English for clearer and more informative source of knowledge for any domain.

- Class with property having unspecified multiplicity
- Class with inverse property
- Annotation and annotation property
- Asymmetrical inverse property
- Disjoint classes
- Property chains
- Equivalent property
- Equivalent class
- Class with Asymmetric Object Property
- Class with Functional Object Property
- Class with Inverse Functional Object Property
- Class with Irreflexive Object Property
- Class with Reflexive Object Property
- Class with Transitive Object Property
- Property with a maximum but no minimum cardinality
- Property with multiple domains and ranges
- Property restriction from a different namespace
- Necessary and sufficient conditions of anonymous subclasses
    - Intersection subset of Union
    - Intersection equivalent to Union
    - Intersection subset of a Restriction
    - Intersection equivalent to a Restriction
    - Intersection disjoint with a Restriction
    - Intersection subset of an Intersection
    - Intersection equivalent to an Intersection
    - Intersection subset of Complement
    - Intersection equivalent to Complement
    - Intersection disjoint with Complement
    - Intersection subclass of Class
    - Union subset of Union
    - Union equivalent to Union
    - Union subset of Restriction
    - Union equivalent to Restriction
    - Union disjoint with Restriction
    - Union subset of Intersection
    - Union subset of Complement
    - Union equivalent to Complement
    - Union has member Complement
    - Union disjoint with Complement
    - Union subset of Class
    - Complement subset of Union
    - Complement disjoint with Union
    - Complement subset of Restriction
    - Complement subset of Intersection
    - Complement disjoint with Restriction
    - Complement has member Restriction
    - Complement equivalent to Restriction
    - Complement disjoint with Intersection
    - Complement subset of Complement
    - Complement equivalent to Complement
    - Complement has member Complement
    - Complement subset of Class
    - Restriction subset of Union
    - Restriction disjoint with Union
    - Restriction subset of Restriction
    - Restriction equivalent Restriction
    - Restriction disjoint with Restriction
    - Restriction subset of Intersection
    - Restriction disjoint with Class
    - Restriction subset of Class
    - Restriction disjoint with Complement
    - Restriction subset of Complement
    - Restriction disjoint with Intersection
    - Class subset of Union
    - Class subset of Restriction
    - Class equivalent to Restriction
    - Class disjoint with Restriction
    - Class subset of Complement
    - Class disjoint with Class
    - Class disjoint with Complement
    - Class disjoint with Intersection
    - Class disjoint with Union
    - Class equivalent to Class
    - Class subset of Class
    - Class subset of Intersection
    - Complement disjoint with Class
    - Complement disjoint with Complement
    - Complement equivalent to Class
    - Complement has member Class

- Working with subproperties
- Redefined property
- Subsetted property
- Adding property subsetting
- Removing property subsetting
- Creating a necessary and sufficient condition
- Working with subclasses
    - Making subclasses disjoint
    - Making subclasses complete
    - Making subclasses overlapping
    - Making subclasses incomplete
- Working with annotations
    - Creating annotations
    - Showing annotations on the diagram
    - Showing an annotation in the Documentation pane
    - Working with annotation properties
        - Applying an annotation stereotype to a comment
        - Associating an annotation property with an annotation
        - Defining an annotation property
        - Importing an ontology that defines annotation properties
        - Selecting a Preferred Annotation Property for a UML Comment or Annotation
- Working with the Natural Language Glossary
    - Generating a natural language glossary
    - Exploring the Natural Language Glossary
    - Customizing your Natural Language Glossary
        - Including property definitions in the Natural Language Glossary
        - Selecting an ordered list of annotation properties
        - Variables of the natural language glossary
- Using the log file to track changes during import
- Creating a datatype property

References