19.0 LTR SP3 Version News

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New capabilities

- A «Self» property restriction is now available to specify that every member of a class must be related to itself by the restricted property.
- Right-clicking on an element now offers menu items to freeze or unfreeze its IRI, which either prevents or allows automatically deriving the IRI from the package IRI and element name.
- A Concept Modeling environment option now unlocks an experimental feature for exporting UML instance specifications as OWL individuals.

Model Understandability Improvements

- An active validation now detects and offers to eliminate duplicative property restrictions.
- A plain-English description of each anonymous class now appears in the containment tree, specification window, and diagram hover.
- An easy-to-understand specification window now simplifies creating new property restrictions and editing existing ones.
- Generalization set names no longer clutter diagrams.
- Opening a project created by earlier versions now offers to remove generalization set names.

Usability Improvements

- The Concept Modeling diagram palette now provides a button to create a property restriction.
- The offer to freeze IRIs on export to OWL can now be suppressed and unsuppressed with a project option.
- Concept Modeling project options are now categorized for easier discovery.
- The property usages step of the information model transformation wizard is easier to interpret.

OWL import improvements

- Sufficient conditions (i.e., the necessary and sufficient conditions of an anonymous subclass) are now supported.
- Every Self property restriction is now imported as a «Self» property restriction.
- Datatype property restrictions are now supported.

OWL export improvements

- A «Self» property restriction is exported as self property restriction.
- An «Inverse Of» stereotyped dependency is now exported as an inverse object property axiom.
- Association-owned property restrictions are now supported.

Bug fixes

- UML primitives are no longer mapped to invalid XSD datatypes.
- The information model transformation wizard no longer excludes generalizations.
- Moving an element with a frozen IRI to a different model now shows a warning and keeps the IRI frozen.
- Anonymous superclass intersections are now described.
- Double-clicking the 'Click here' hyperlink for documentation that appears in a new project file now correctly opens the CCM manual.
- Exporting a concept model in a used project to OWL no longer tries to update a read-only file export path.
- Exporting a concept model that uses an association class defined in another concept model to OWL no longer fails.
- Exporting a property restriction typed by «Anything» to OWL no longer emits an unqualified universal restriction.
- Exporting an equivalence relationship with a class in another «Model» to OWL now creates the correct equivalent class axiom.
- Exporting to OWL without write permissions now explains the failure.
- Importing OWL ontologies no longer loses track of which ontology asserted an equivalence between an intersection and a class.
- Importing a class that is a subclass of itself from OWL no longer results in an inconsistent UML model.
- Importing a class that is disjoint with a union from OWL no longer deletes the corresponding «Disjoint With» dependency.
- Importing a class that is equivalent to a union from OWL no longer makes the class equivalent to each member of the union.
- Importing a property without an asserted domain from OWL now infers the domain from the range of its inverse.
- Importing a set of disjoint classes from OWL will no longer be represented as a disjoint generalization set when some of the subclasses in the generalization set are not disjoint.
- Importing an intersection containing a list of named individuals from OWL no longer fails to create an «Individual List» class.
- Importing an ontology from OWL no longer incorrectly makes an element's IRI relative to its concept model's IRI.
- Importing an ontology no longer causes a NullPointerException when updating a diagram.
- Importing an updated label for a resource from OWL now correctly updates the corresponding model element.
- Importing and then exporting an ontology now retains any existing XML namespace.
- Importing or exporting a relationship between a datatype property and an object property now halts with an error message.
- Renaming an element and then exporting to OWL no longer emits the previous label.
- Undoing the drawing of a generalization now works correctly.
- Drawing a UML generalization no longer uses the wrong line style.

You can check the list of publicly available issues or your own reported issues fixed in Cameo Concept Modeler Plugin 19.0 SP3.
Note: You will be required to login. Use the same username and password as for www.nomagic.com.

News of earlier versions

- What's New in Cameo Concept Modeler 19.0 LTR SP2
- What's New in Cameo Concept Modeler 19.0 LTR SP1
- What's New in Cameo Concept Modeler 19.0 LTR

AutoStyler news

- What's New in AutoStyler 19.0 LTR SP2
- What's New in AutoStyler 19.0 LTR
- What's New in AutoStyler 18.0 LTR SP13

Other resources

- Modeling Community Blogs
- Modeling Community Forum
- Webinars
- FAQ