19.0 LTR SP2 Version News

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New capabilities

- URIs derived from elements' names can now be frozen when exporting concept models to OWL.
- Experimental elements «Phase», «Role», and UML Association Class can now be modeled in the Concept Modeling diagram.
- You can now right-click a UML Class or Generalization in the Concept Modeling diagram to manage «Superclass Intersection».
- When you draw a UML Generalization with the read-only subclass, a legal equivalent-class pattern will be automatically created.

Usability improvements

- Sample projects now use the new «Necessary & Sufficient» stereotype instead of the old {sufficient} constraint.
- The Information Model wizard now has another step of merging Classes together.
- When changing an element's name in synchronization with its IRI, you can derive that IRI from the element's name.
- Newly created IRI tagged values are now hidden in diagrams.

OWL import improvement

- OWL Classes that have no superclasses and are equivalent to intersections of Classes will be stereotyped as «Superclass Intersection».

OWL export improvements

- All remaining types of necessary and sufficient conditions are now supported.
- A UML Class stereotyped as a «Superclass Intersection» is now interpreted as being equivalent to the intersection of its general UML Classes.
- A UML Association Class is interpreted as property chains that navigate through a reified Class.
- «Role» is now interpreted as a pattern of UPCM Library elements.
- «Phase» is now interpreted as a pattern of UPCM Library elements.

Bug fixes

- An exported ontology no longer imports an indirectly referenced ontology.
- A range of owl:Thing is no longer exported for a property typed by an «Anything».
- A failure in multi-package bulk export to OWL now does not cancel exporting all the remaining packages.
- Round tripping an OWL ontology through CCM no longer adds superfluous rdfs:label annotations.
- The owner is no longer shown by default on a UML Class in Concept Modeling diagrams.
- Importing a model element with a new rdfs:label no longer results in an incorrect update to the IRI of the element.
- Selecting **Suspend** in the Information Model wizard now does not show an error.
- Exporting a UML Class with multiple «Equivalent Class» relations now produces only one equivalent Class axiom per equivalent Class.
- Importing an OWL individual with an anonymous property value does not fail anymore.
- Importing anonymous ontology now shows more informative error message dialogs.
- Exporting disjoint anonymous UML Classes in a UML Generalization Set now exports the correct OWL Class expressions.
- An anonymous Class with Subclasses but without an explicit «Union» is now treated the same as a union of its Subclasses.
- Clicking **Cancel** for bulk export to OWL operation also cancels the export of all the Packages.
- The '#' or '/' characters in names will be replaced by '_' when generating IRIs.
- After importing, a «Disjoint With» dependency is not created between Classes in a {disjoint} generalization set.
- Exporting a UML Class with multiple «Equivalent Class» relations now results in only one equivalent Class axiom per equivalent Class.