Exporting your concept model

Boreign Namespaces Not share the same namespace as its owning «Model», it is now defined in the exported OWL.

Nonne that are not directly award by a poolence new results in an informative warning during avant. The warning is similar to the following:

Dorling a UML Class with multiple «Equivalent Class» relations now results in only one equivalent Class axiom per equivalent Class.

Wen exporting a concept model, CCM will now automatically retain and populate the XML Namespace in any case where an XML Namespace exists, even if you are not exporting the main file.

To export a concept model to an OWL ontology

- 1. Right-click on your desired concept model in the Containment tree. Select Concept Modeling > Export to OWL. Be Containment 20 Diagrams Example X Containment ₽ ₽ × ◆◆ 1월 10 白 # 時 1歳・私・ノビフ に 2 1 GQ ö., Selection package Example [🖺 Example] 🖃 🖾 Data k 🕮 🖌 ė- 🛅 🛛 Create Element Ctrl+Shift+E Tools «Anything» 요 속 🛣 Thing (Example) Create Diagram Ctrl+Shift+D Create Relation Concept Modeling Annotation Specification Enter R Note(HTML Text) Validation > Anchor Go To 5 Class Open in New Tree Anything **Related Elements** > Anonymous Union Refactor > Enumeration Tools 5 / Inverse Object P.. Stereotype Z Unidirectional Ob... Apply Profiles Subclass Rename F2 🖉 Equivalent Class 🖒 Сору Ctrl+C Disjoint With Copy URL Pependency Copy Element Hyperlink Paste Ctrl+V ¥ Cut Ctrl+X 俞 Delete Delete Find... Project Usages > Generate Report... > Concept Modeling Create Concept Model Alt+Shift+N Export Model to OWL Alt+Shift+O Create Glossary Table (Nothing selected in Project Options)
- 2. A dialog box will appear asking whether or not you want to freeze the elements' IRIs. This dialog will show only if there are elements with no IRI tagged value.

	Freeze IRI Options	
À	This model contains elements with IRIs derived from the concept model IRI and the eleme Would you like to freeze the element IRIs to prevent changes from breaking references fr Remember my selection	nt names. om other OWL ontologies? No <u>Yes</u>

- 3.
- a. If you click No, the notification window will show this warning message:

WARN [com.nomagic.conceptmodeler.Cameo Concept Modelerb.Cameo Concept Modelera.Cameo Concept Modelera.Cameo Concept Modelerb:220] - No IRIs were frozen for elements from 'Example' package as selected by user. b. If you click Yes, the notification window will show you which elements IRIs were frozen.

[2019.09.23::17:42:01] The IRIs for the following elements were successfully frozen: [2019.09.23::17:42:01] <u>Example::Unnamed1::Dog</u> [2019.09.23::17:42:01] <u>Example::Unnamed1::Pet</u> [2019.09.23::17:42:01] <u>Example::Unnamed1::Hamster</u> [2019.09.23::17:42:01] <u>Example::Unnamed1::Cat</u>

- 4. A progress bar will appear.
- 5. A dialog will appear asking you to choose the folder in which you want to save the exported model.
- 6. A Path Variables dialog will appear. The default path variable is <project.dir>\OWL. Choose Use Selected.
- 7. Your concept model is now exported into the folder of your choice with the file extension of your choice.

Dou check the Remember my selection box, the above dialog will be suppressed the next time you open your project.

The exported OWL ontology file is saved in a folder named **OWL**. The **OWL** folder is created at the same location as the MagicDraw project file containing the concept model.

Kou can also suppress or unsuppress the offer to freeze IRIs when exporting your concept model to OWL through the Options tab.

To suppress or unsuppress the option to freeze IRIs through the Options tab

1.	Click Option	s>Project		
	Options	Tools	Analyze	
	Project			
	Project Usages			
	Package Permissions			
	Environment			
	Perspectives			

2. Select General, then Concept Modeling.

Q Type here to filter options	General
 ☐ General ☐ Diagram Info ☐ Symbol styles ☐ Default (Default) ☐ Default (Default) ☐ Default gram ☐ Defned Elsewhere ☐ Defned Florenties ☐ Code Engineering 	Browser <u>Concept Modeling</u> Corba IDL Dependency Checker Diagrams Element References General Legend Adorning Numbering Styling Suspect Links Validation
	OK Cancel Help

3. The Concept Modeling dialog will open. Select Freeze IRI when exporting OWL.

Q Type here to filter options	Concept Modeling		
Q. Type here to filter options Image: Concept Modeling Image: Corba IDL Image	Concept Modeling Preferred annotation property Always ask to remove generalization set names OWL Import/Export Always ask to a file destination when exporting Never freeze before export Always ask for a file destination when exporting Never freeze before export OWL Export Syntax OWL Export Catalog URI Construction Strategy Hash URI Clossary Table Add attributes to the glossary Add enumerations to the glossary Add enumerations to the glossary Add enumerations to the glossary Ialse Freeze IRI when exporting OWL		
₽- III Default model properties ₽- & Code Engineering	Preferred option for freezing IRIs when exporting OWL. "Always freeze before export" will silently set missing IRI values. "Never freeze before export" will not set missing IRI values. "Ask" will prompt for every exporting package that has elements with missing IRI values.		

- 4. You will be given three preferred options for freezing IRIs when exporting to OWL from which to choose.

 - a. Selecting Always freeze before export will silently set missing IRI values.b. Selecting Never freeze before export will not set missing IRI values.
 - c. Selecting Ask will prompt you to select for every exporting package that has elements with missing IRI values.

Related pages

- Usage
- Exporting your concept model to an OWL ontology