

Exporting your concept model



Foreign Namespaces

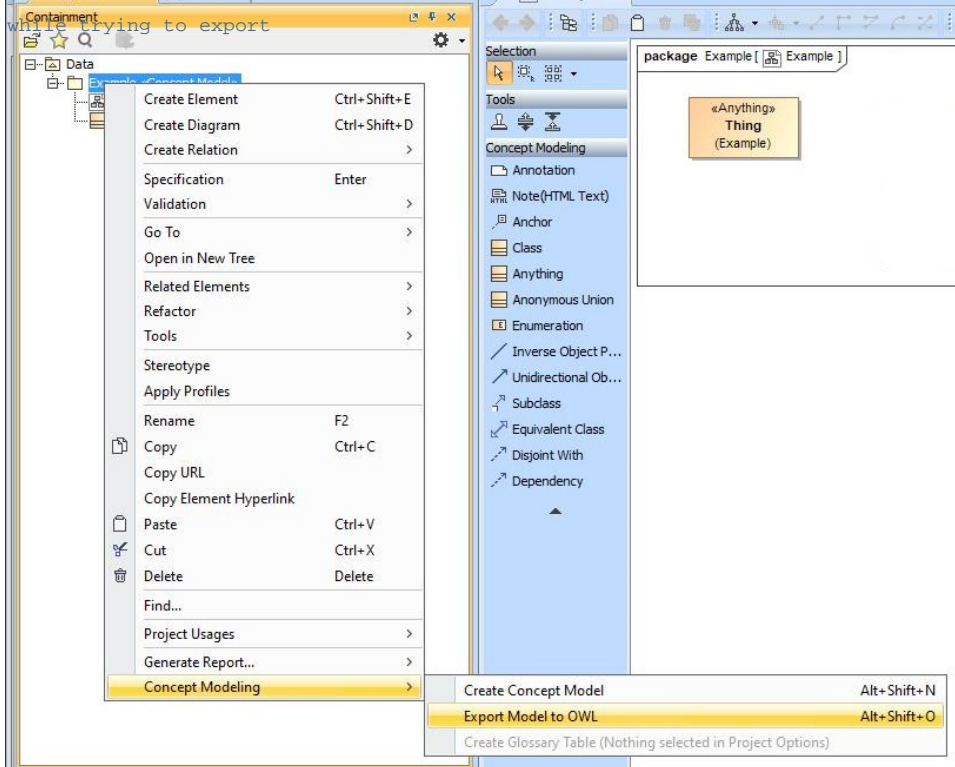
When a UML element does not share the same namespace as its owning «Model», it is now defined in the exported OWL.

Classes that are not directly owned by a package now results in an informative warning during export. The warning is similar to the following:
To export a concept model to an OWL ontology

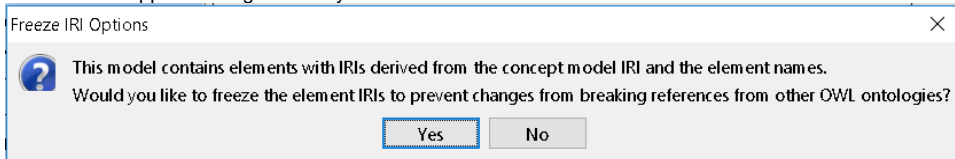
ERROR [com.nomagic.conceptmodeler.ui.i:160] - Unexpected error 'com.nomagic.uml2.ext.magicdraw.activities.mdfundamental.activities.impl.ActivityImpl cannot be cast to org.semanticweb.owlapi.model.OWLClassExpression'

1. Right-click your desired concept model in the Containment tree. Select **Concept Modeling > Export to OWL**.

occurred while trying to export



2. A question box will appear asking whether you want to freeze the elements' IRI.



- a. If you click No. The notification window shows this message.

No IRIs were frozen.

- b. If you click Yes. The notification window shows you which elements' IRI were frozen.

Red

White

The IRIs for the elements above are successfully frozen. Please save the changes.

3. A progress bar will appear.
4. A dialog will appear asking you to choose the folder to save the exported model into.
5. A **Path Variables** dialog will appear. The default path variable is `<project.dir>\OWL`. Choose **Use Selected**.
6. Your concept model is not export into the folder of your choice with the file extension of your choice.



Foreign Namespaces

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.

When a UML element does not share the same namespace as its owning «Model», it is now defined in the exported OWL.

Related pages

- [Usage](#)
- [Exporting your concept model to an OWL ontology](#)

```
ERROR [com.nomagic.conceptmodeler.ui.i:160] - Unexpected error
```

```
'com.nomagic.uml2.ext.magicdraw.activities.mdfundamentalactivities.impl.ActivityImpl
```

```
cannot be cast to org.semanticweb.owlapi.model.OWLClassExpression' occurred while trying to export
```