Creating an XML catalog file

An XML catalog describes the mapping between external entity references and locally cached equivalents for an XML external resource.

You can create an XML catalog file using the application **Protégé**[1]. The version of **Protégé** used in these instructions is version 4.3.0.

To create an XML catalog file for a locally cached set of external ontologies

- 1. Open Protégé.
- 2. Select File > New.

Creating an OWL ontology in Protégé application.

3. Select Save as.

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- 4. Navigate to a folder location.
 5. Name the empty ontology.
 6. Click Save.

Save			×
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		Save	Cancel

Saving an OWL ontology in Protégé.

Saving the OWL ontology file to a selected location.

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8. Click Yes.

Opening the OWL ontology in Protégé.

Open in current window					
Do you want to open the ontology in the current window?					
<u>Y</u> es	No	Cancel			

Select the newly created ontology.
 Click Open.

Opening the OWL ontology in the current window option.

🝕 Open		×
Look In: 🗀 :	XML Catalog 🔹	🖻 🟠 🎬 🔡 🚍
empty.owl		
File <u>N</u> ame:	empty.owl	
Files of <u>Type</u> :	OWL File	•
		Open Cancel

Selecting an OWL ontology to open.

To create an XML catalog file for the desired locally cached set of external ontologies:

1. Click File > Edit active ontology library.

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File	Edit	View	Reasoner	Tools	Refactor	Window Help
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Creating an XML catalog file in Protégé.

- 2. Click on the Folder Repository for the empty ontology.
- 3. Click Delete (-).

🔏 Ontology libraries	×					
Ontology libraries:						
v= t=						
Contology Repository from catalog file C:\Users\Jplatt\Desktop\XML Catalog\catalog-v001.xml						
Folder Repository for C:\Users\Jplatt\Desktop\XML Catalog (Recursive)						
OK Cancel						

Deleting a folder repository.

4. Click Add (+).

< Ontology libraries	×
Ontology libraries:	
Ontology Repository from catalog file C:\Users\Jplatt\Desktop\XML Catalog\catalog-v001.xml	
OK Cancel	-

Adding a folder repository.

- Click on Folder Repository.
 Select Recursively searchsubdirectories.

🔏	x					
Single Ontology Redirect Folder Repository						
Directory: C:\Users\Uplatt\Desktop\FIBO-red Browse						
Recursively search subdirectories						
Import By Name (requires manual updates)						
OK Cancel						

Locating for a folder repository.

- Select the desired folder.
 Click **Open.**

Ŀ	Folder for Ontology Repository							
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					Oper	Cancel		

9. Click OK.

Selecting a folder repository.

< Ontology libraries	×					
Ontology libraries:						
Contology Repository from catalog file C:\Users\Jplatt\Desktop\XML Catalog\catalog-v001.xml						
Folder Repository for C:\Users\Jplatt\Desktop\FIB0-red (Recursive)						
OK Cancel	_					

The new folder repository is added.

[1] Protégé is a free, open-source ontology editor, and a framework for building knowledge management systems.

Related page

Usage