Creating an XML catalog file

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.

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Save Save as Gather ontologies Export inferred axioms as ontology Edit active ontology library Edit ontology libraries	Ctrl-S Ctrl-Shift-S Ctrl+Shift-G Ctrl-L
Loaded ontology sources Check for plugins	
Close	Ctrl-W
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<u> </u>	No Reasoner set. Select a reasoner from the Reasoner menu 🗹 Show Inferences

Figure 1: Creating an OWL ontology in Protégé application.

3. Select Save as.

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

Save			×
Save <u>I</u> n: û	XML Catalog	ک 🟠 🖻	
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- Files of <u>T</u> ype:	OWL File		•
		Save	Cancel

Figure 2: Saving an OWL ontology in Protégé.

7. Click File > Open.

Figure 3: Saving the OWL ontology file to a selected location.

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8. Click Yes.

Figure 4: Opening the OWL ontology in Protégé.



Figure 5: Opening the OWL ontology in the current window option.

Select the newly created ontology.
 Click Open.

🝕 Open		×
Look In: 🙆 🕽	KML Catalog 🗸	🖻 🚵 🎬 🔡 🚍
empty.owl		
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Files of <u>Type</u> :	OWL File	•
		Open Cancel

Figure 6: 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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Figure 1: Creating an XML catalog file in Protégé.

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

🔏 Ontology libraries	×
Ontology libraries:	
' _ F t=	
Contology Repository from catalog file C:\Users\Uplatt\Desktop\XML Catalog\catalog-v001.xml	
Folder Repository for C:\Users\Jplatt\Desktop\XML Catalog (Recursive)	
OK Cancel	

Figure 2: Deleting a folder repository.

4. Click Add (+).

🔏 Ontology libraries	×
Ontology libraries:	
e* e ↓= t=	
Ontology Repository from catalog file C:\Users\Uplatt\Desktop\XML Catalog\catalog-v001.xml	٦
OK Cancel	

- Figure 3: Adding a folder repository.
- Click on Folder Repository.
 Select Recursively searchsubdirectories.

		x					
Single Ontology Redir	Folder Repository						
Directory: C:\Us	ers\Jplatt\Desktop\FIBO-red Browse						
	Recursively search subdirectories Import By Name (requires manual updates)						
	OK Cancel						

Figure 4: Locating for a folder repository.

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

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	CCM_2015040	9		FIBO-red	<u></u>	New folder (
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					Oper	Cancel		

9. Click OK.

Figure 5: 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	

Figure 6: The new folder repository is added.

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

Related Pages:

📃 Unknown macro: 'list-children'