

Tezaurus 2010 Client

Quick User Guide

1. Introduction

Tezaurus 2010 Client is default desktop client for Tezaurus 2010 Web Service and it is part of this software. Tezaurus2010 Client is web service client which can be used for managing users Thesauri from scratch. This document contains quick start guide for Tezaurus 2010 users and explains basic functions of Thesauri managements from beginning.

2. Requirements

This software runs on every Java2SE compatible machine, that means you must have installed all required software (JavaVM) for running Java2SE applications. You will also need a connection to Tezaurus2010 Web Service server. This document does not contain information about starting up Tezaurus2010 web service.

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4. Features

Tezaurus2010 Client is fully capable of managing Thesauris based on Tezaurus2010 web client, which includes:

- Connecting to remote web service.
- Defining new Thesauri languages .
- Support for variety of languages.
- Creating new concept schemes (Categories).
- Creating new concepts.
- Editing existing concepts and schemes.
- Deleting data.
- Finding concepts in Thesauri.
- Exporting Thesauri data to RDF File.
- Importing new data to Thesauri from RDF File.

5. User Guide

5.1 Connecting to remote web service

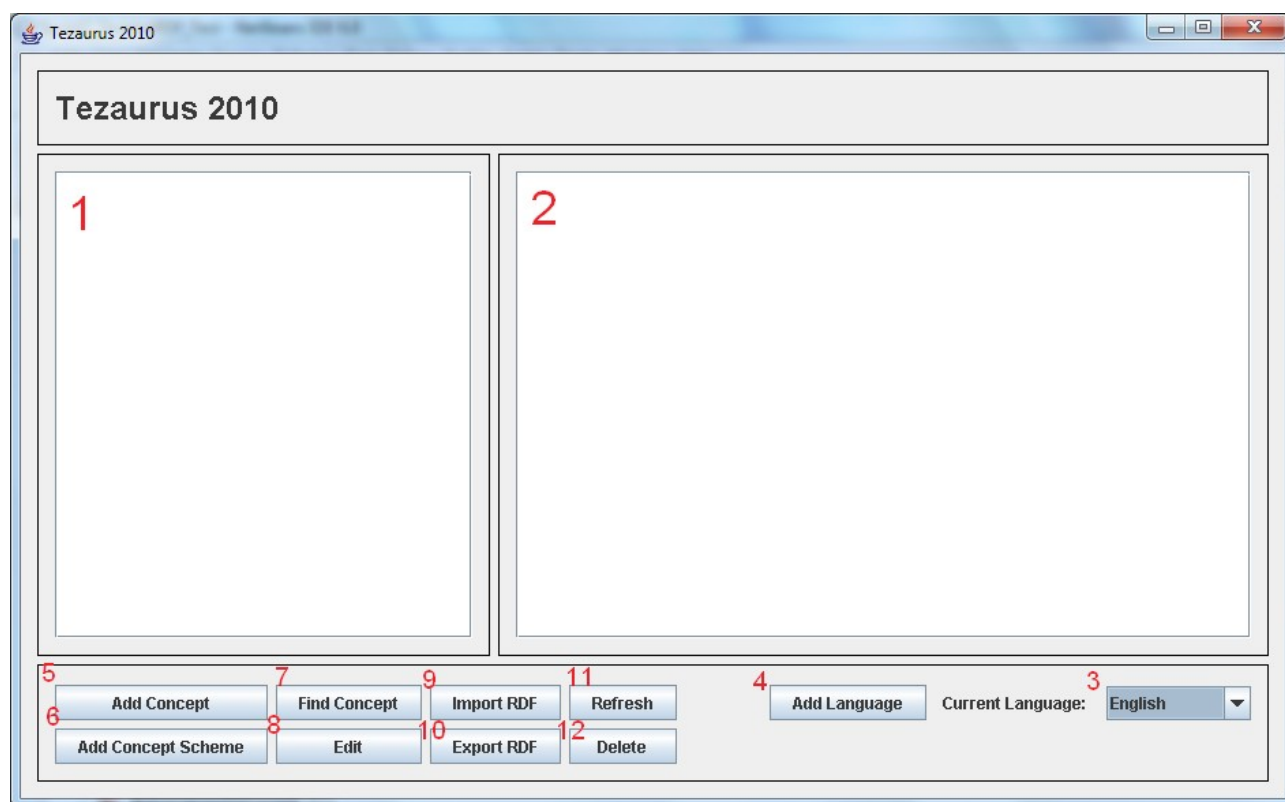
After launching Tezaurus2010 Client will request user to input web service address. You must specify full URL to web-service (with port).



The image shows a dialog box titled "Connect". It contains a text input field labeled "Server address:" with the value "http://server.com:8080/thesauri-webservice". At the bottom right of the dialog is a button labeled "Connect".

After specifying web service address it must be applied with Connect button. Client will connect to web service.

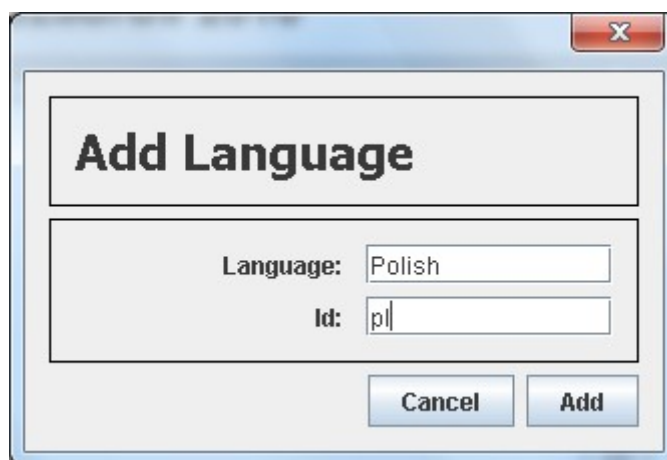
5.2 Main Window



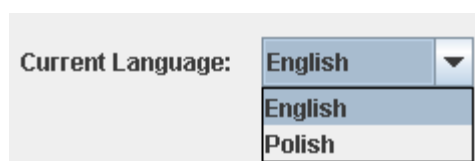
Number	Label	Description
1	Navigator	Contains all schemes and concepts displayed in a tree view.
2	Data Window	Displays all info about schemes and concepts.
3	Current language	Sets current language which will be applied to all actions.
4	Add language	Opens Add Language Window
5	Add Concept	Adds new concepts and displays new window for editing concept.
6	Add Concept Scheme	Adds new concept scheme and displays window for editing concept scheme.
7	Find Concept	Opens Window for finding concepts.
8	Edit	Edits selected Concepts and Concept Schemes.
9	Import RDF	Import RDF File to Thesauri.
10	Export RDF	Exports Thesauri data to local RDF File.
11	Refresh	Refreshes Navigator Window.
12	Delete	Deletes selected Concepts and Concept Schemes.

5.3 Adding new language

To add new language you must select Add Language button ([4]). And fill a form.



Language is language name and id is *xml:lang* paramater. After filling this form and clicking Add button a new selectable language is added to current Thesauri.

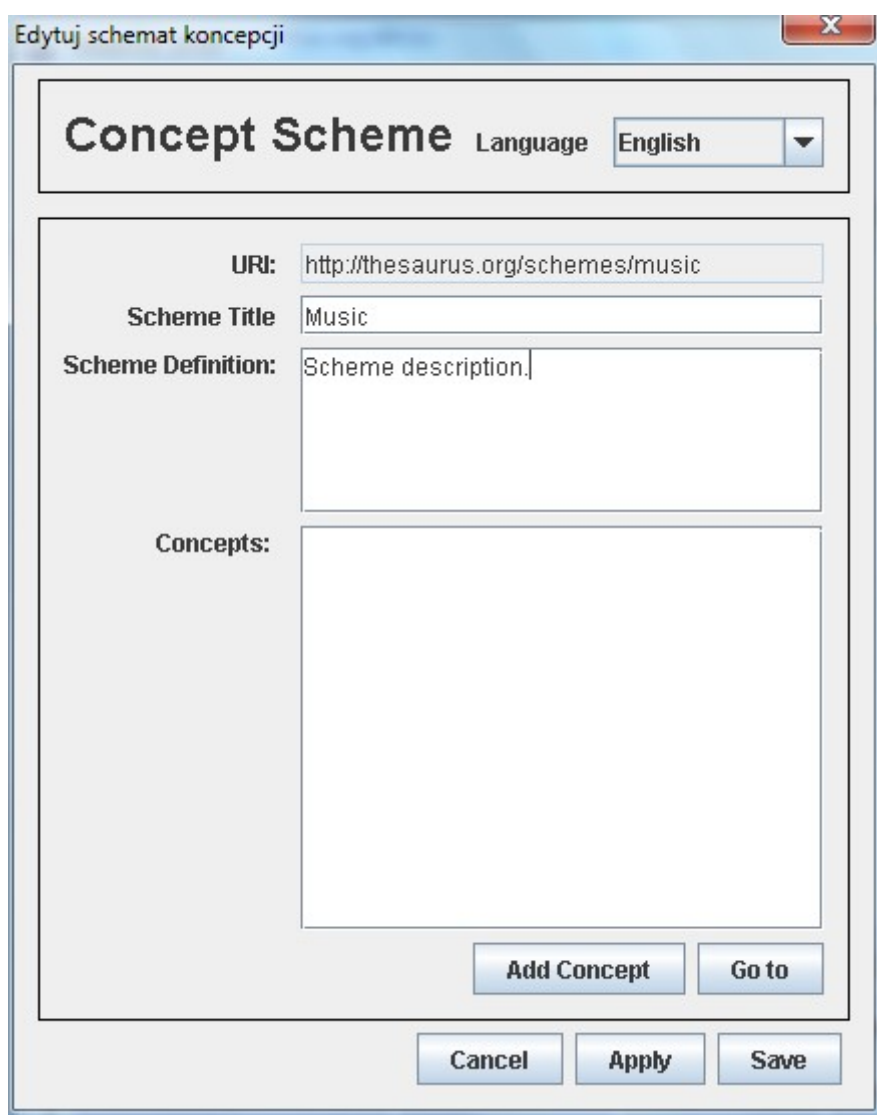


5.4 Adding new Concept Scheme

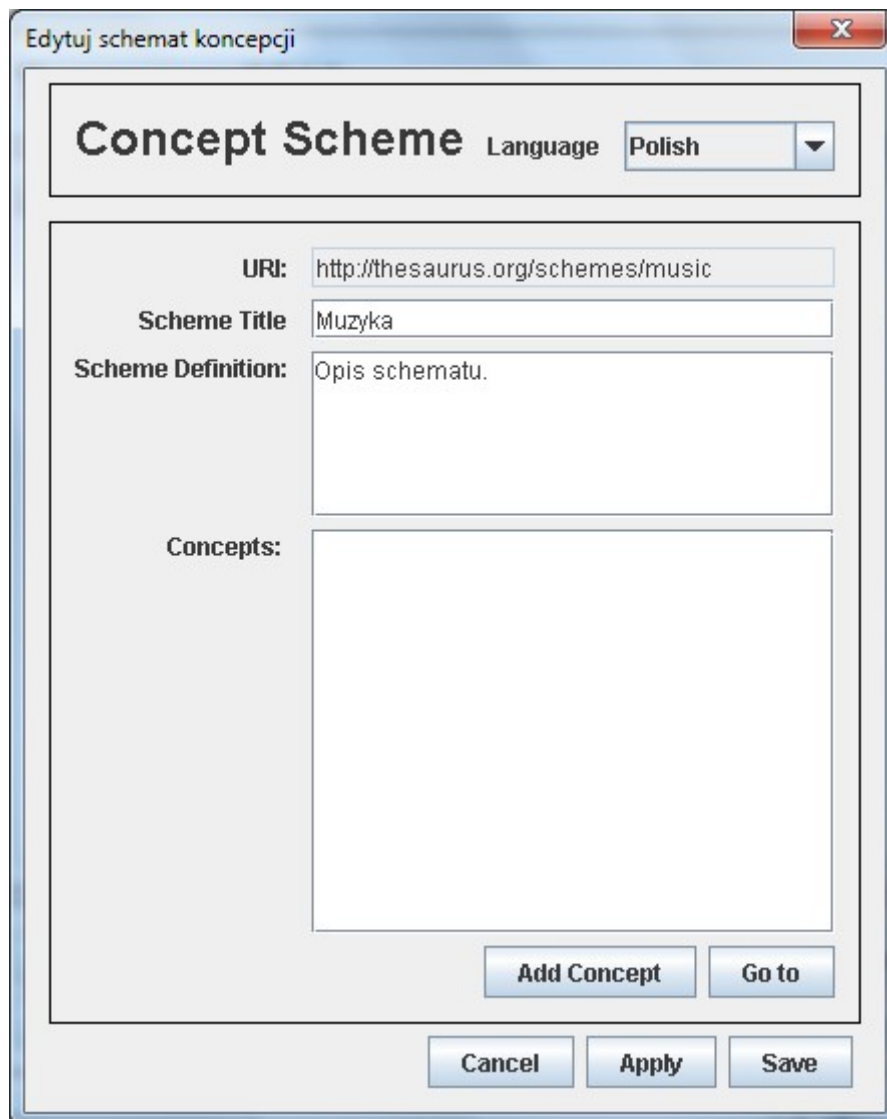
Adding new Concept Scheme to current Thesauri is performed by clicking „Add Concept Scheme” button [5]. You will be asked to input unique Concept scheme id.



After typing id a new edit window will appear.



By simply selecting new language from Language combo box you can define other language versions of this scheme.



Edytuj schemat koncepcji

Concept Scheme Language **Polish**

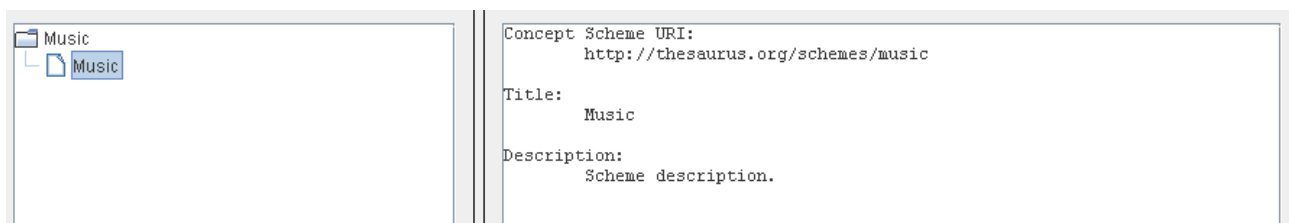
URI:

Scheme Title:

Scheme Definition:

Concepts:

After clicking Save or Apply new Scheme will be added and it will be visible in Navigator window.



Music

Music

Concept Scheme URI:
http://thesaurus.org/schemes/music

Title:
Music

Description:
Scheme description.

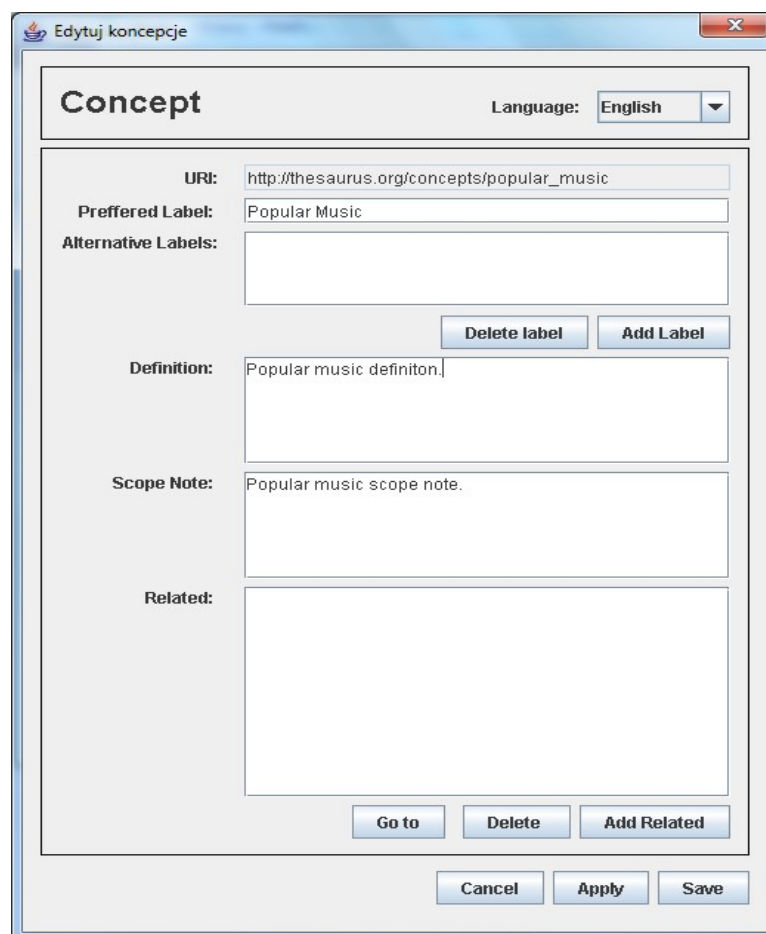
5.5 Adding new Concepts

To add new Concept you must select if you want to add concept to existing scheme or add it to another concept (by setting relation between two concepts). Selecting concept or scheme in navigator window will perform this action. To add new concept click Add Concept button [6].

You will be asked to input unique concept id.



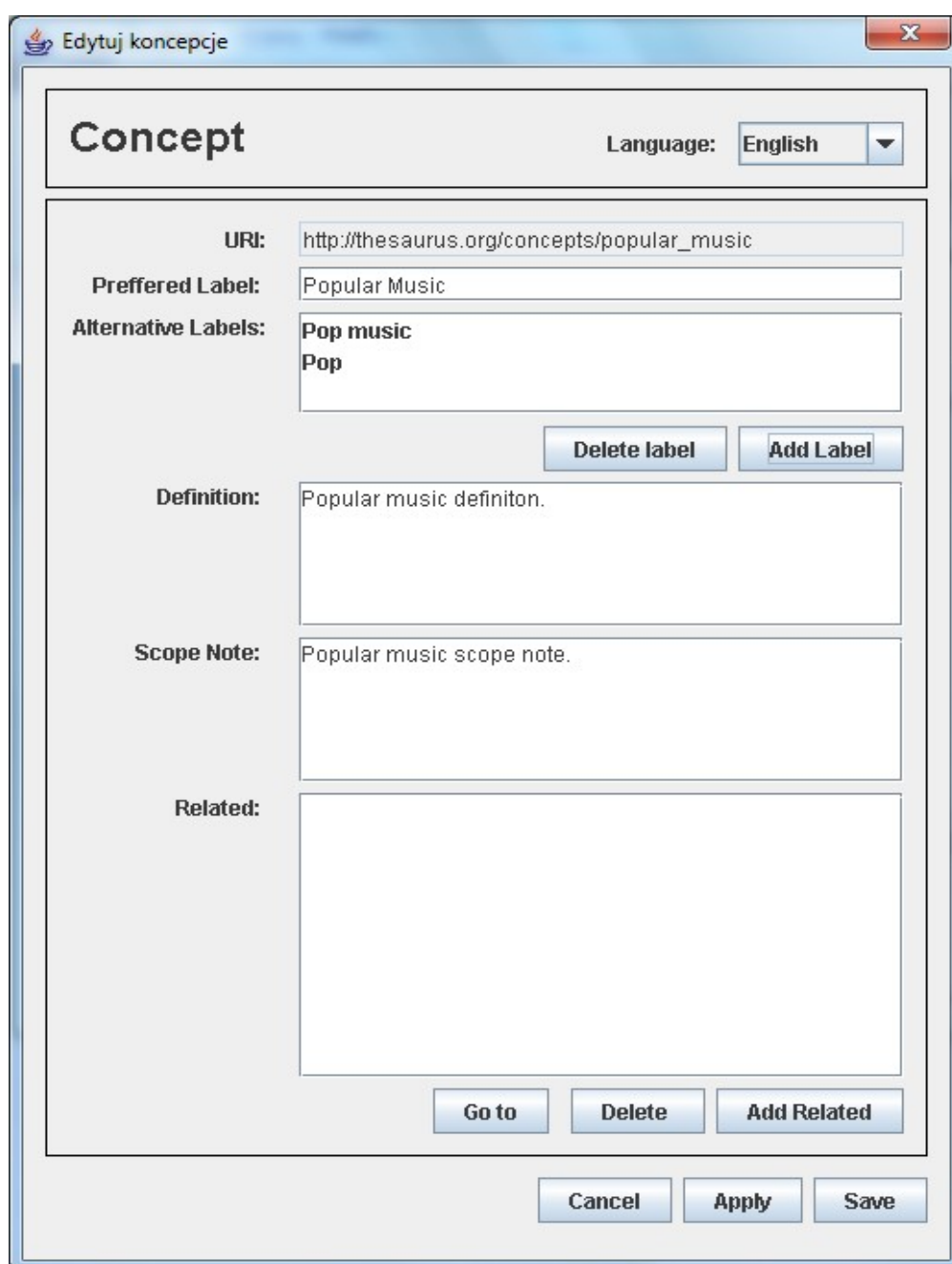
And then the edit window will appear.



You can also set alternative labels for this concept by clicking add label button. You will be asked for new label by prompt window.



A small dialog box titled "Wpisz" (Enter) with a close button (X). It contains a green square icon with a question mark. To the right of the icon is the text "New Label:" followed by a text input field containing "Pop music". Below the input field are two buttons: "OK" and "Anuluj" (Cancel).



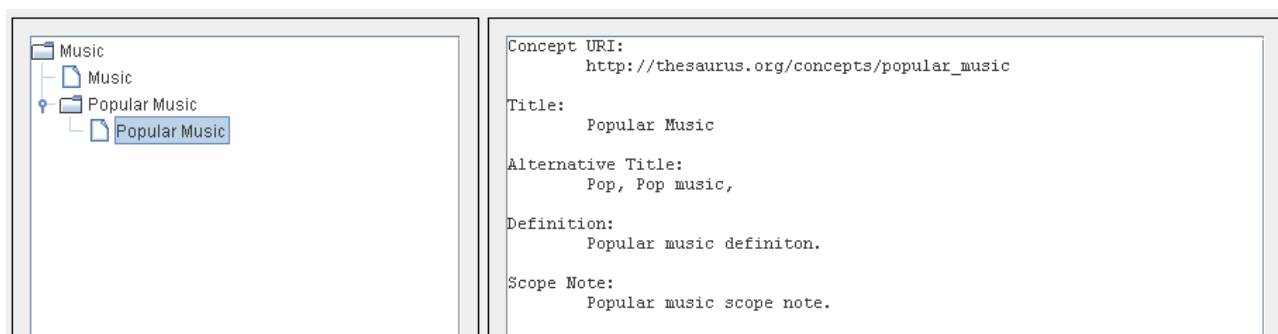
A larger window titled "Edytuj koncepcje" (Edit concepts) with a close button (X). The main area is titled "Concept" and has a "Language:" dropdown menu set to "English". Below this, there are several fields and buttons:

- URI:** A text field containing "http://thesaurus.org/concepts/popular_music".
- Preferred Label:** A text field containing "Popular Music".
- Alternative Labels:** A text area containing "Pop music" and "Pop". To the right of this area are two buttons: "Delete label" and "Add Label".
- Definition:** A text area containing "Popular music definiton.".
- Scope Note:** A text area containing "Popular music scope note.".
- Related:** A large empty text area.

At the bottom of the main area are three buttons: "Go to", "Delete", and "Add Related". At the very bottom of the window are three buttons: "Cancel", "Apply", and "Save".

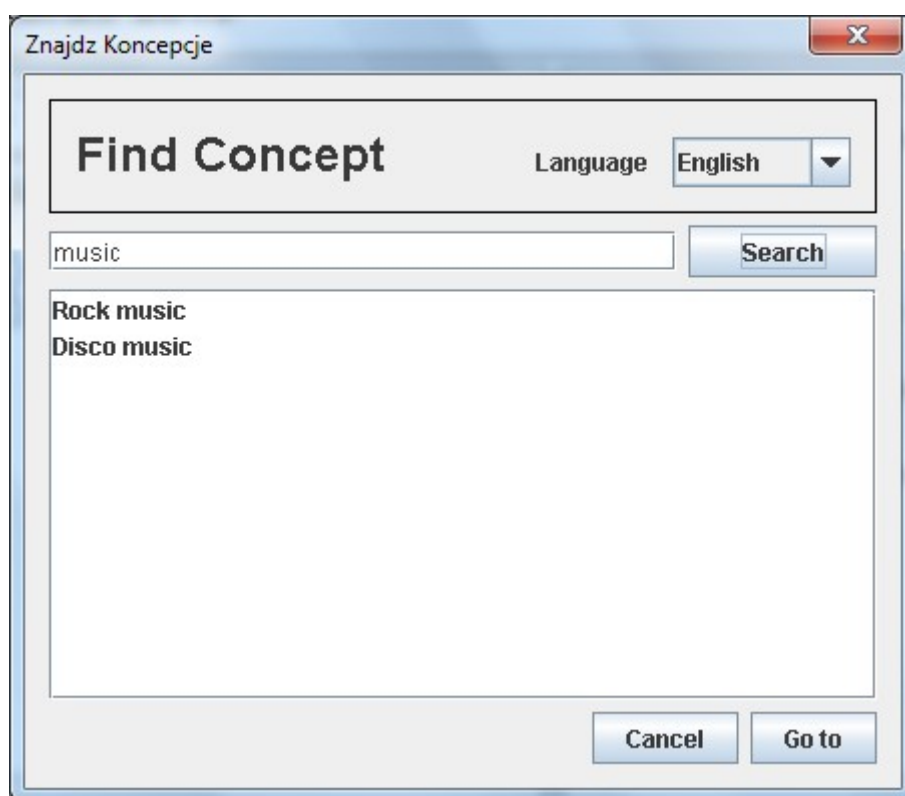
After filling all data and clicking save or apply, new concept will be added to Thesauri.

It will appear in Navigator Window.



5.6 Finding Concepts

Finding existing concepts is very useful function. You can use finding by clicking Find Concept button [7] in Main Window menu.



After clicking Search button, all matches for your filter will appear in window. You can perform editing on displayed matches by clicking Go to button.

5.7 Editing Concepts

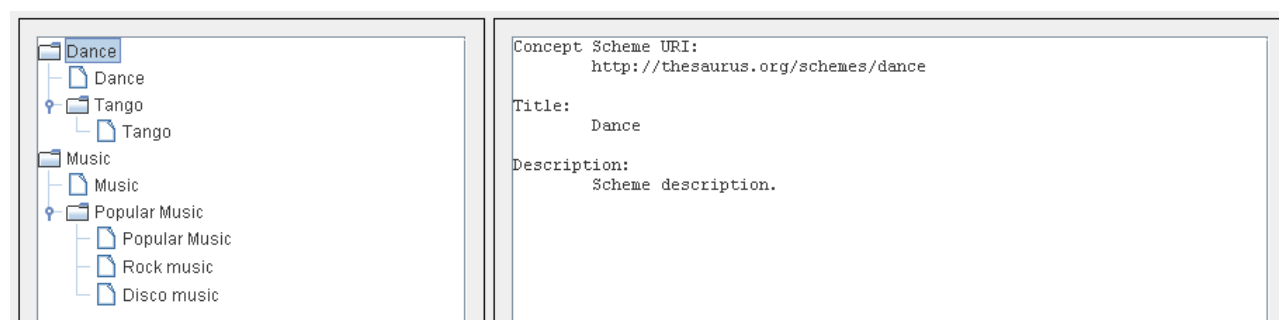
It is possible to edit existing concepts and schemes by selecting items in navigator window and clicking Edit [8] button.

5.8 Import RDF

By clicking [9] button you can select your local RDF file which should contain SKOS compatible data and import it to Thesauri. For example file:

```
1  <?xml version="1.0" encoding="UTF-8" ?>
2  <rdf:RDF
3      xmlns:dc="http://purl.org/dc/elements/1.1/"
4      xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
5      xmlns:ukat="http://www.ukat.org.uk/downloads/skos-schema-ext/"
6      xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
7      xmlns:skos="http://www.w3.org/2004/02/skos/core#"
8
9      <skos:ConceptScheme rdf:about="http://thesaurus.org/schemes/dance">
10         <dc:title xml:lang="en">Dance</dc:title>
11         <dc:description xml:lang="en">Scheme description.</dc:description>
12         <hasTopConcept rdf:resource="http://thesaurus.org/concepts/tango"/>
13     </skos:ConceptScheme>
14
15     <skos:Concept rdf:about="http://thesaurus.org/concepts/tango">
16         <skos:prefLabel xml:lang="en">Tango</skos:prefLabel>
17         <skos:definition xml:lang="en">Definition.</skos:definition>
18         <skos:scopeNote xml:lang="en">Scope Note.</skos:scopeNote>
19     </skos:Concept>
20
21 </rdf:RDF>
```

Importing this file will result:



5.9 Export RDF

All data present in Thesauri database can be exported to local RDF File. To perform that action you can click Export RDF button [10] and then select your RDF File to which all data will be exported.

Example of exported Thesauri RDF File:

```
16 <rdf:Description rdf:about="http://thesaurus.org/schemes/music">
17   <rdf:type rdf:resource="http://www.w3.org/2004/02/skos/core#ConceptScheme"/>
18   <dc:title xml:lang="pl">Muzyka</dc:title>
19   <dc:title xml:lang="en">Music</dc:title>
20   <dc:description xml:lang="en">Scheme description.</dc:description>
21   <dc:description xml:lang="pl">Opis schematu.</dc:description>
22   <hasTopConcept xmlns="ukat:" rdf:resource="http://thesaurus.org/concepts/popular_music"/>
23 </rdf:Description>
24
25 <rdf:Description rdf:about="http://thesaurus.org/concepts/popular_music">
26   <rdf:type rdf:resource="http://www.w3.org/2004/02/skos/core#Concept"/>
27   <skos:prefLabel xml:lang="pl">Muzyka popularna</skos:prefLabel>
28   <skos:prefLabel xml:lang="en">Popular Music</skos:prefLabel>
29   <skos:altLabel xml:lang="pl">Muzyka rozrywkowa</skos:altLabel>
30   <skos:altLabel xml:lang="en">Pop</skos:altLabel>
31   <skos:altLabel xml:lang="en">Pop music</skos:altLabel>
32   <skos:altLabel xml:lang="pl">Pop</skos:altLabel>
33   <skos:scopeNote xml:lang="en">Popular music scope note.</skos:scopeNote>
34   <skos:scopeNote xml:lang="pl">Notka.</skos:scopeNote>
35   <skos:definition xml:lang="en">Popular music definiton.</skos:definition>
36   <skos:definition xml:lang="pl">Definicja.</skos:definition>
37   <skos:narrower rdf:resource="http://thesaurus.org/concepts/rock"/>
38   <skos:narrower rdf:resource="http://thesaurus.org/concepts/disco"/>
39 </rdf:Description>
40
41 <rdf:Description rdf:about="http://thesaurus.org/concepts/rock">
42   <rdf:type rdf:resource="http://www.w3.org/2004/02/skos/core#Concept"/>
43   <skos:prefLabel xml:lang="en">Rock music</skos:prefLabel>
44   <skos:altLabel xml:lang="en">Rock</skos:altLabel>
45   <skos:altLabel xml:lang="en">Rock and roll</skos:altLabel>
46   <skos:scopeNote xml:lang="en">Scope Note Definition</skos:scopeNote>
47   <skos:definition xml:lang="en">Rock music definition</skos:definition>
48   <skos:broader rdf:resource="http://thesaurus.org/concepts/popular_music"/>
49 </rdf:Description>
```

5.10 Deleting concepts and schemes

To delete concepts and schemes you can simply select item from Navigator Window and then click Delete button [12]. The current language version of concept or scheme will be deleted from Thesauri.