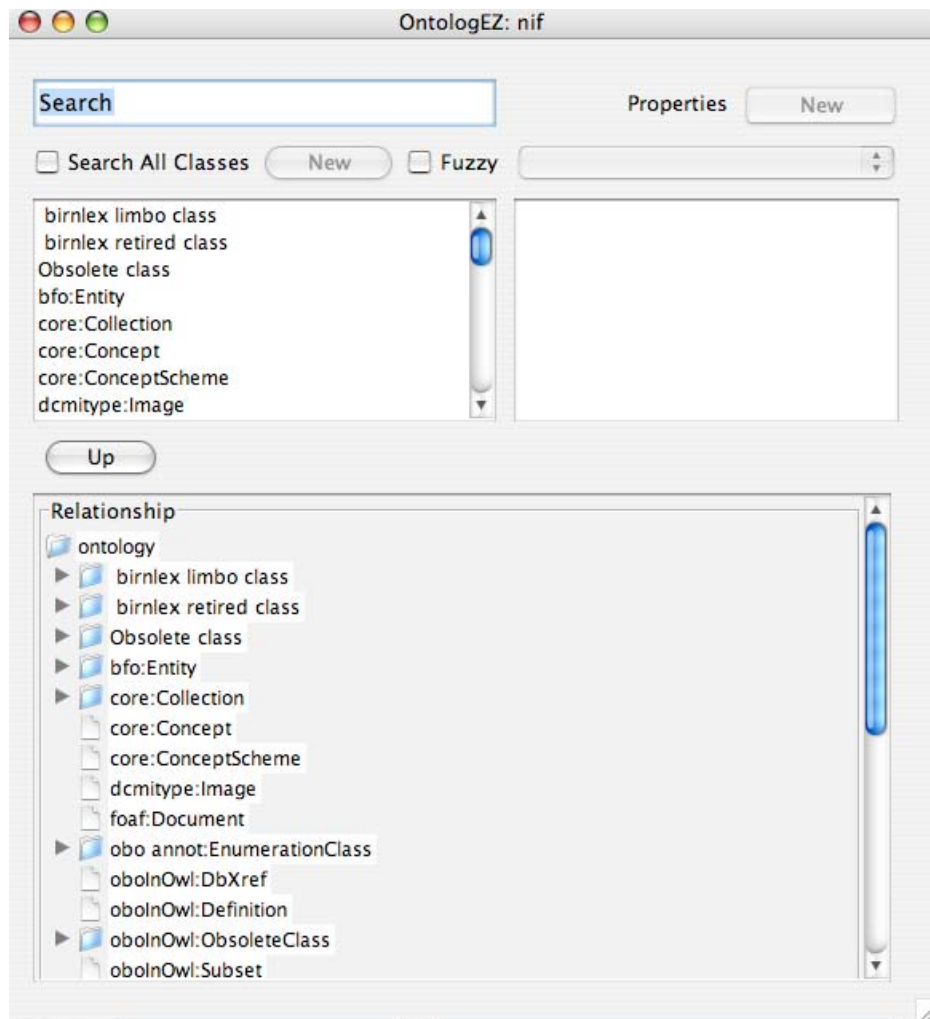


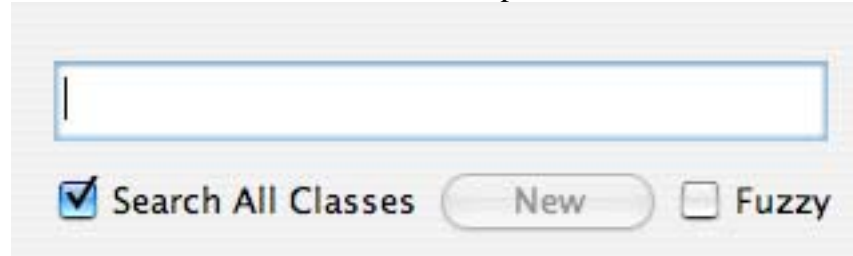
Using the NIF Vocabulary Browser

We have implemented an easy ontology search tool to explore the NIFSTD vocabularies. Through the OntologEZ tool, users can search the ontology, navigate the class structure and view properties for each class, e.g., synonyms, definitions, original source. In the future, users will be able to launch a search of the NIF through the vocabulary browser, but this feature is not yet implemented.

1. Click here to go to the OntologEZ page and click **Launch the OntologEZ for NIF** browser.
 - a. The browser will launch a Java Webstart application. If the application does not launch automatically, open the .jnlp file that is downloaded to your computer. You may have to accept a security certificate from NCMIR in order to proceed. This application requires that Java 1.5 be installed on your computer.
 - b. The loading of the NIFSTD vocabularies may take several minutes, depending on the speed of network connection.
 - c. Once the vocabularies are loaded, you should see the following window:

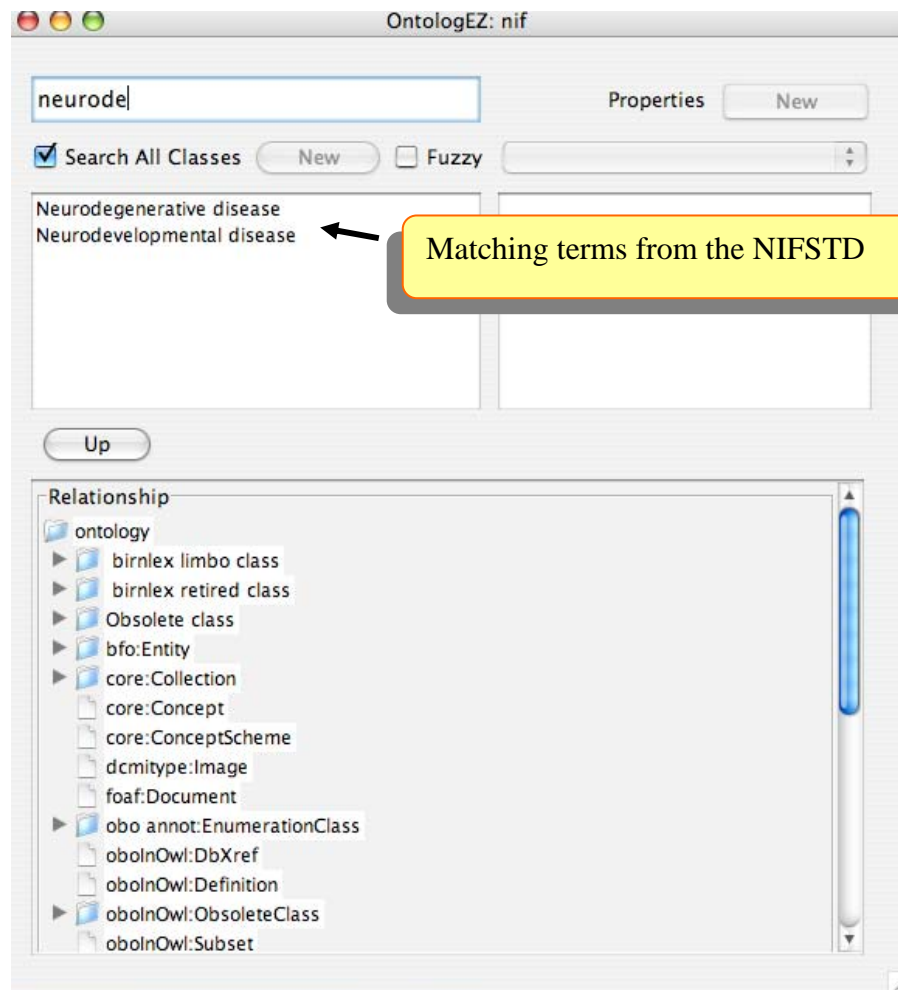


d. Make sure that the **Search All Classes** option is selected.

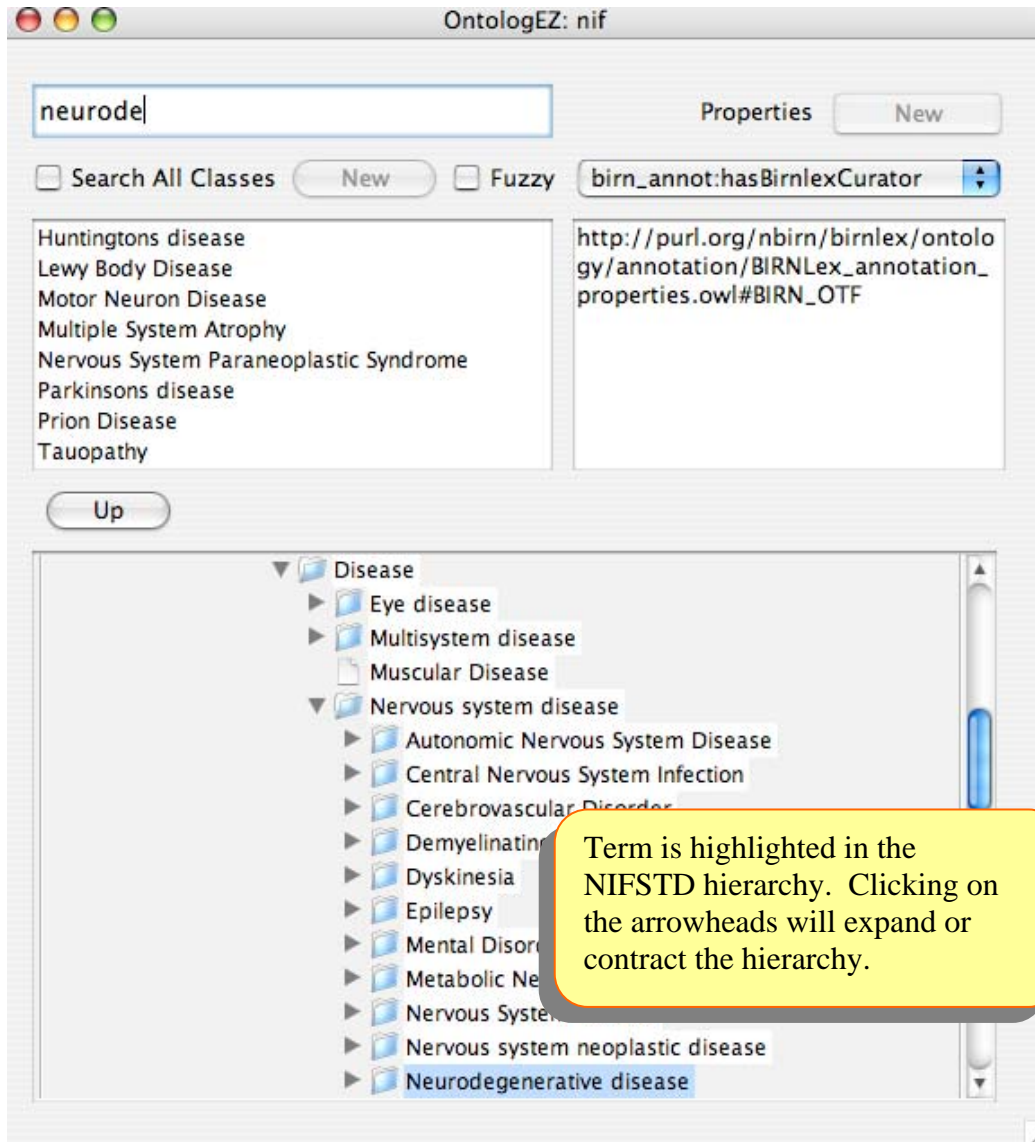


This box is located below the search box, in the upper left corner.

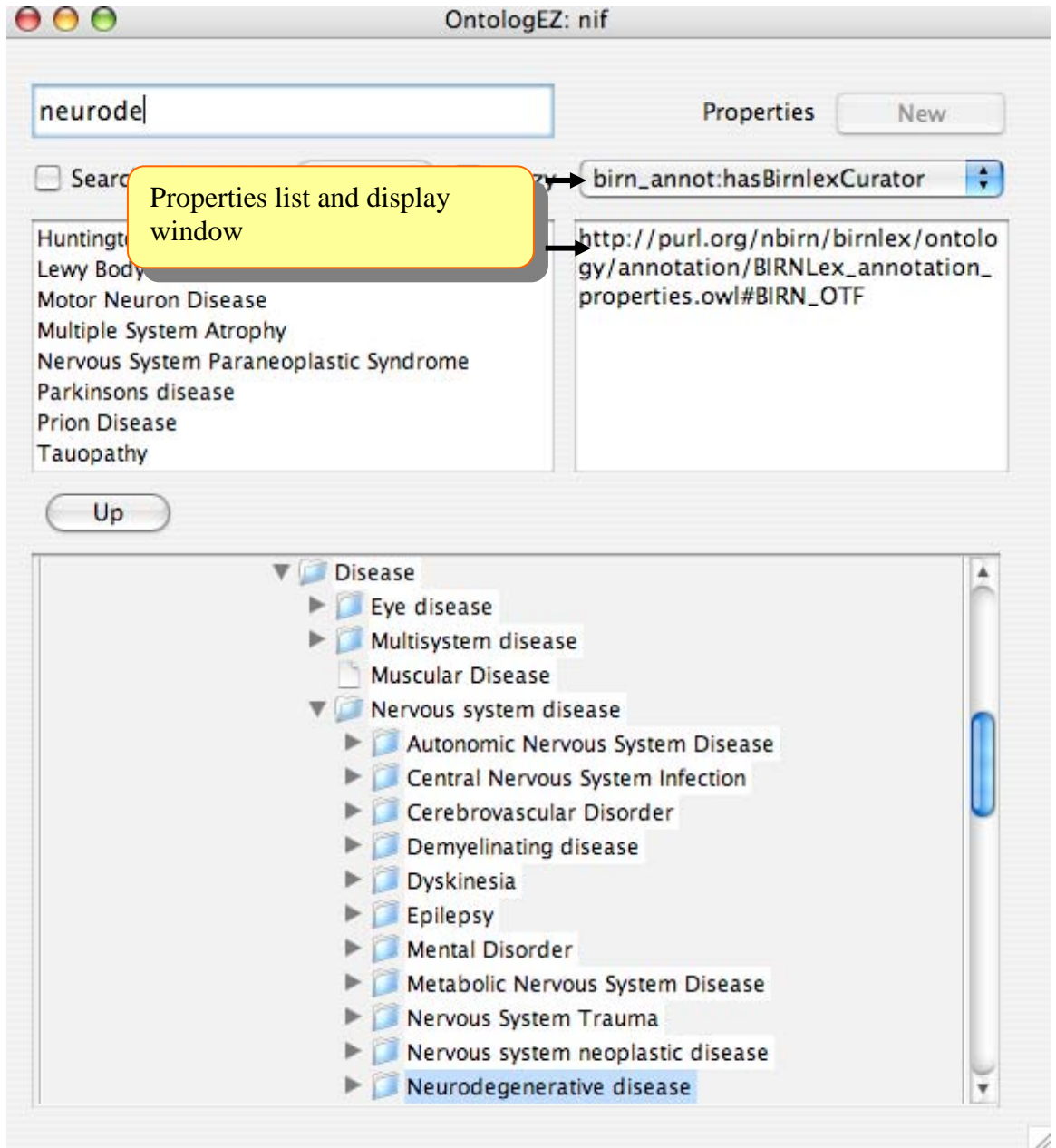
e. Begin typing a term in the search box window. A list of matching terms from NIFSTD will be returned in the window below the search box. If no term is found, try enabling the **Fuzzy search** option.

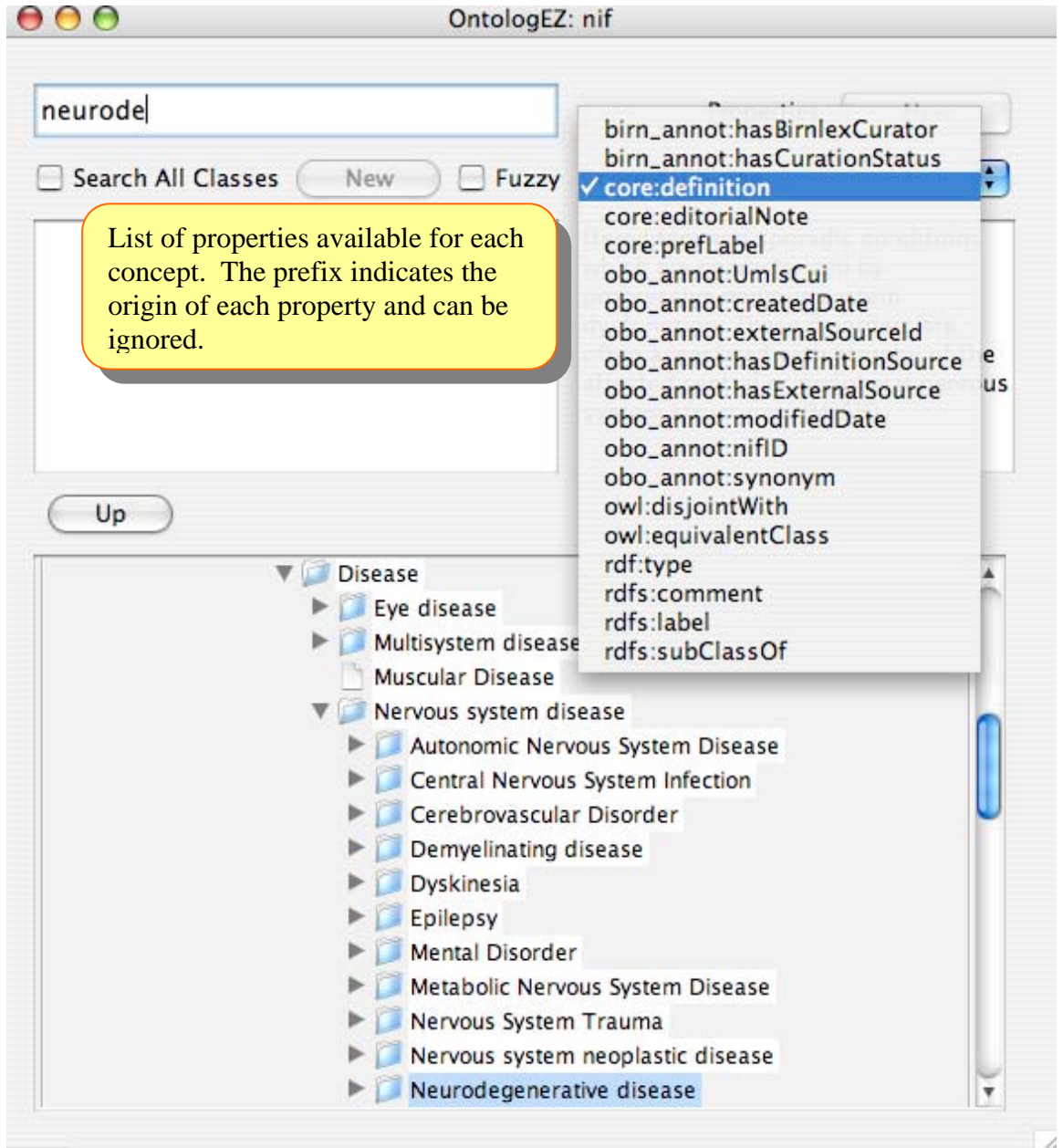


- f. Click on the desired term. The location of the selected term in the NIFSTD hierarchy will appear in the lower window.



- g. The NIFSTD hierarchy may be navigated by clicking on the arrowheads before each concept.
- h. Properties for each concept may be viewed in the **Properties** window in the upper right corner. Different properties may be displayed by using the pull down menu. A list of properties can be found here. Many of these properties track the provenance of a term and are not generally useful to a human reader. Some of the more useful properties are **definition**, **synonym**, **editorial note**.





OntologEZ: nif

neurode

Properties

Search All Classes Fuzzy

The definition property provides a human readable definition

Hereditary and sporadic conditions which are characterized by progressive nervous system dysfunction. These disorders are often associated with atrophy of the affected central or peripheral nervous system structures. (MeSH).

- ▼ Disease
 - ▶ Eye disease
 - ▶ Multisystem disease
 - ▶ Muscular Disease
 - ▼ Nervous system disease
 - ▶ Autonomic Nervous System Disease
 - ▶ Central Nervous System Infection
 - ▶ Cerebrovascular Disorder
 - ▶ Demyelinating disease
 - ▶ Dyskinesia
 - ▶ Epilepsy
 - ▶ Mental Disorder
 - ▶ Metabolic Nervous System Disease
 - ▶ Nervous System Trauma
 - ▶ Nervous system neoplastic disease
 - ▶ **Neurodegenerative disease**