NAME

cntlist − file listing number of times each tagged sense occurs in a semantic concordance

DESCRIPTION

A cntlist file for a semantic concordance lists the number of times each semantically tagged sense occurs in the concordance and its sense number in the WordNet database. Each line in the file corresponds to a sense in the WordNet database to which at least one semantic tag points. Only senses that are tagged in a concordance are in the concordance's cntlist file. See **semcor**(7WN) for information about semantic concordances and a list of those included in this release.

A file, **cntlist**, is provided with each semantic concordance for informational and statistical purposes only. The files are not used by any software provided with the WordNet or semantic concordance packages. A cntlist file is generated by counting the number of *sent_num*,*word_num* pairs in all *location_list*s for each *sense_key* in a **taglist**(5WN) file. The data is sorted in descending numerical order, and the resulting file ranks the senses from most to least frequently tagged in the semantic concordance.

WordNet Database *cntlist* File

In the WordNet database, words are assigned sense numbers based on frequency of use in the semantic concordances. The cntlist file used by **grind**(1WN) to build the WordNet database and assign the sense numbers is a union of the cntlist files from the various semantic concordances. This combined cntlist file is provided with the WordNet package and is found in the **WNSEARCHDIR** directory.

File Format

Each line in a cntlist file contains information for one sense. The file is ordered from most to least frequently tagged sense. The fields are separated by one space, and each line is terminated with a newline character. Senses having the same *tag_cnt* value are listed in reverse alphabetical order of the *lemma* field of the *sense_key*.

Each line in **cntlist** is of the form:

tag_cnt sense_key sense_number

where *tag_cnt* is the decimal number of times the sense is tagged in the corresponding semantic concordance. *sense_key* is a WordNet sense encoding and *sense_number* is a WordNet sense number as described in **senseidx**(5WN).

ENVIRONMENT VARIABLES

WNHOME Base directory for WordNet. Unix default is **/usr/local/wordnet1.6**, PC default is **C:\wn16**, Macintosh default is **:**.

WNSEARCHDIR Directory in which the WordNet database has been installed. Unix default is **WNHOME/dict**, PC default is **WNHOME\dict**, Macintosh default is **:Database**.

SEMCORDIR Directory in which the semantic concordance package has been installed. Unix default is **WNHOME/semcor**, PC default is **WNHOME\semcor**, Macintosh default is **:Semcor**.

FILES

In directory **SEMCORDIR/***conc* on Unix platforms, **SEMCORDIR***conc* on PC platforms, and **SEMCORDIR:***conc* on Macintosh platforms:

cntlist file listing number of times each tagged sense occurs in semantic concordance *conc*

In directory **WNSEARCHDIR**:

cntlist file of combined semantic concordance **cntlist** files. Used to assign sense numbers in WordNet database

SEE ALSO

grind(1WN), **senseidx**(5WN), **taglist**(5WN), **semcor**(7WN).