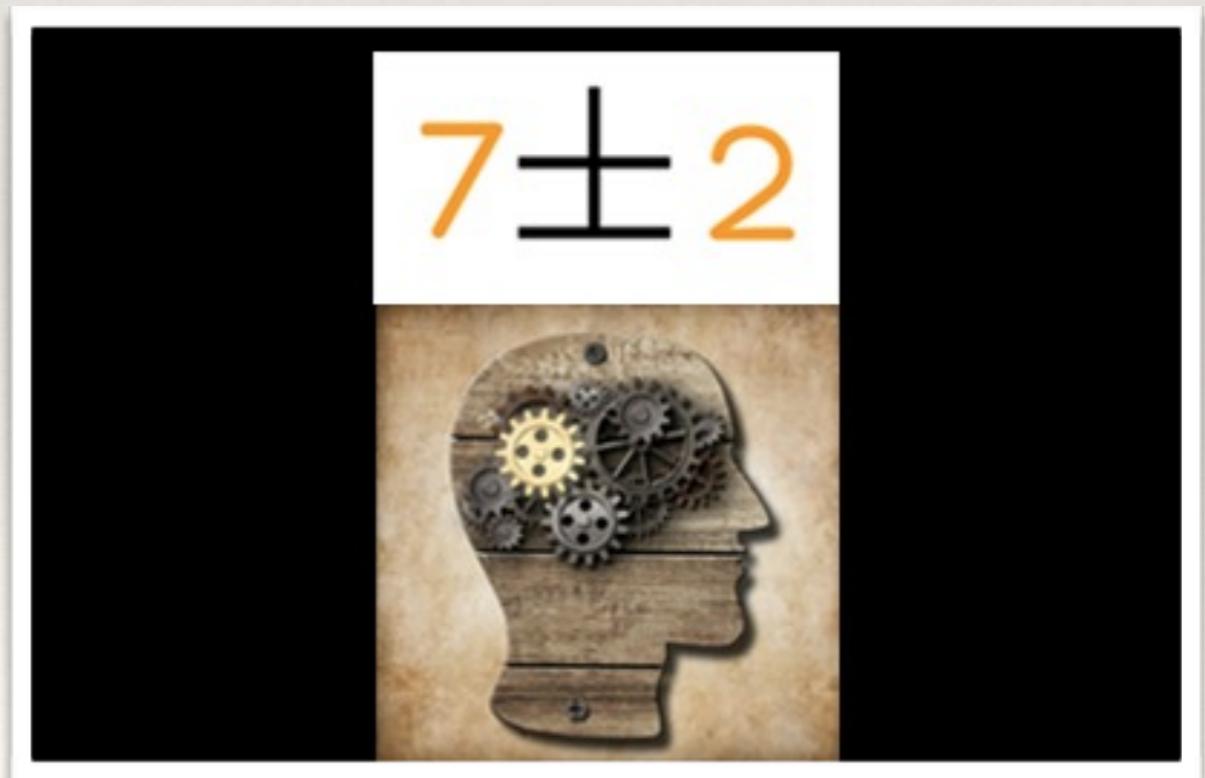
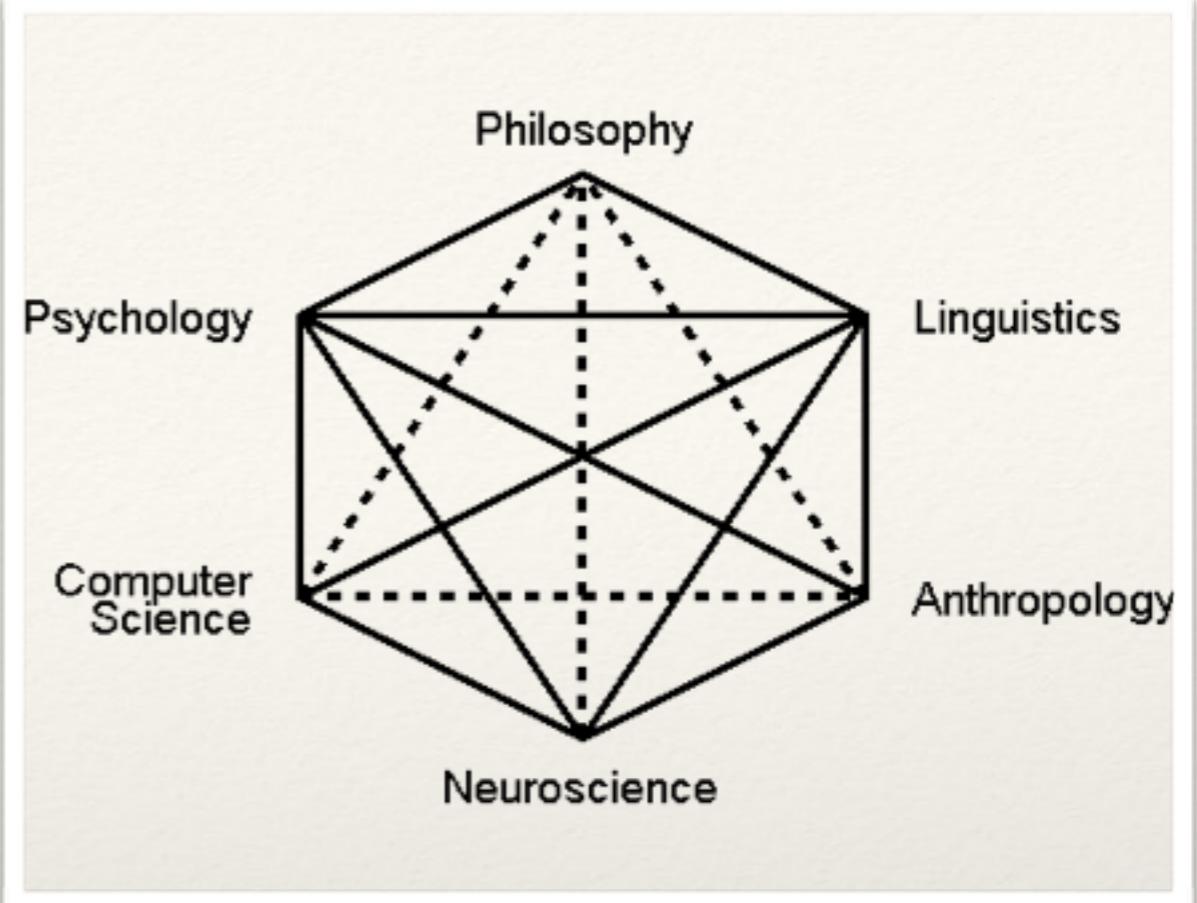
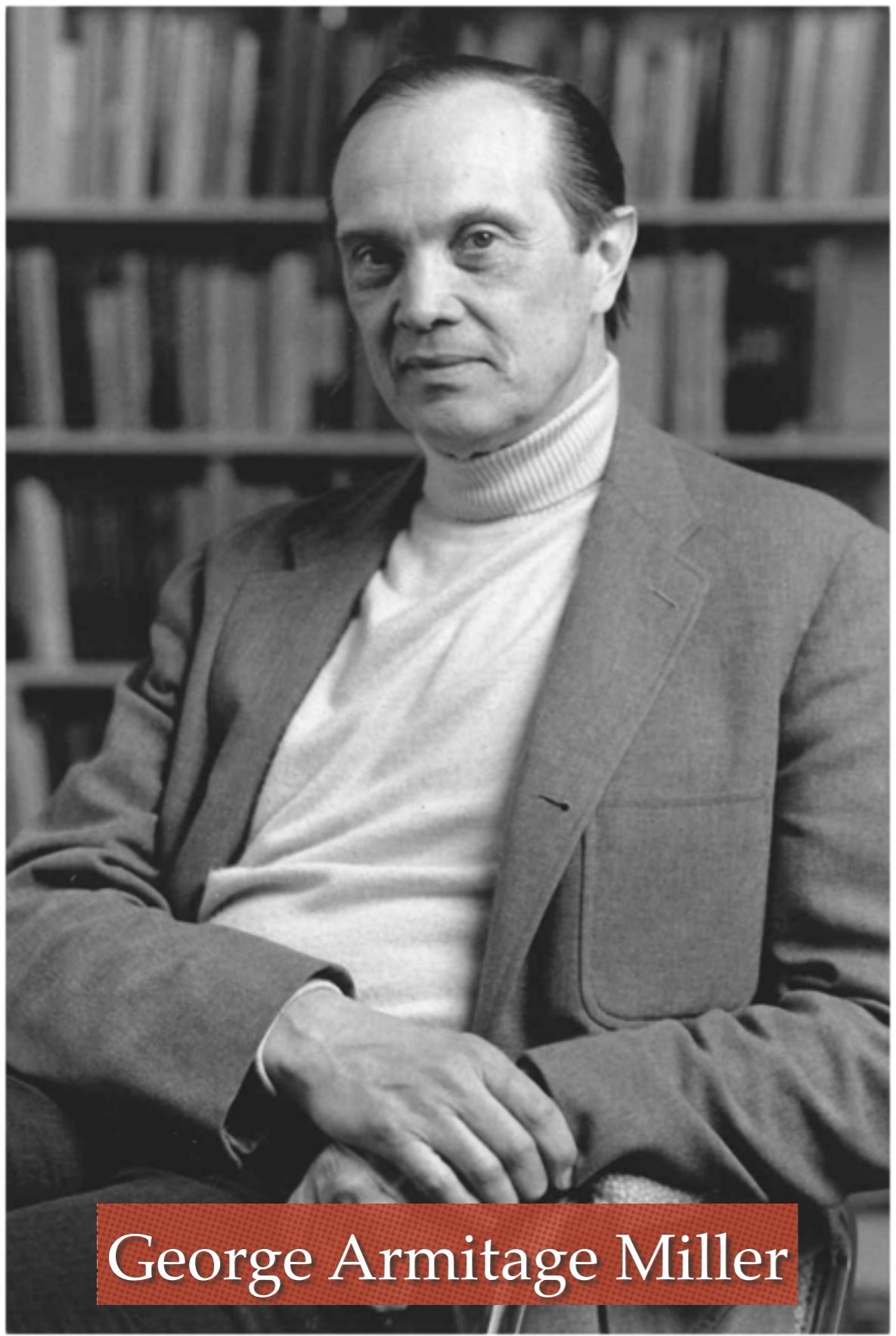


Brian Loyal

NeoWordNet

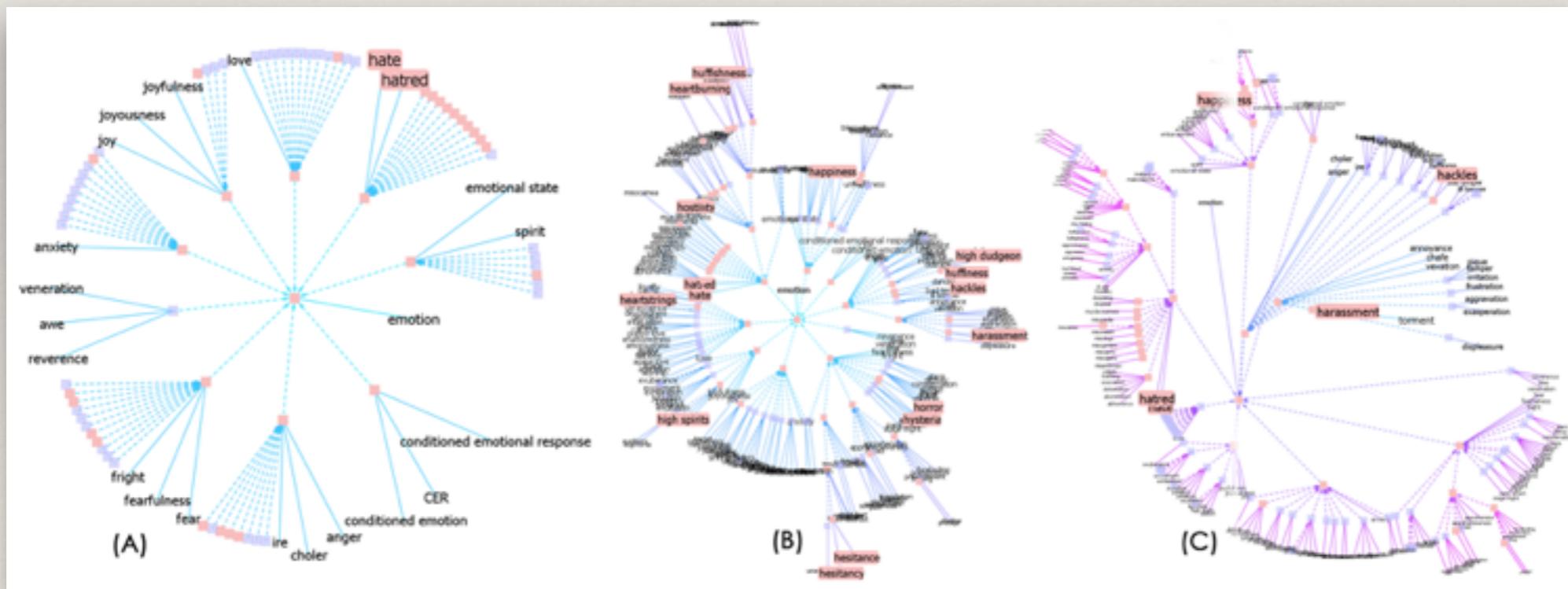
Capturing the English
Language in Neo4j with R

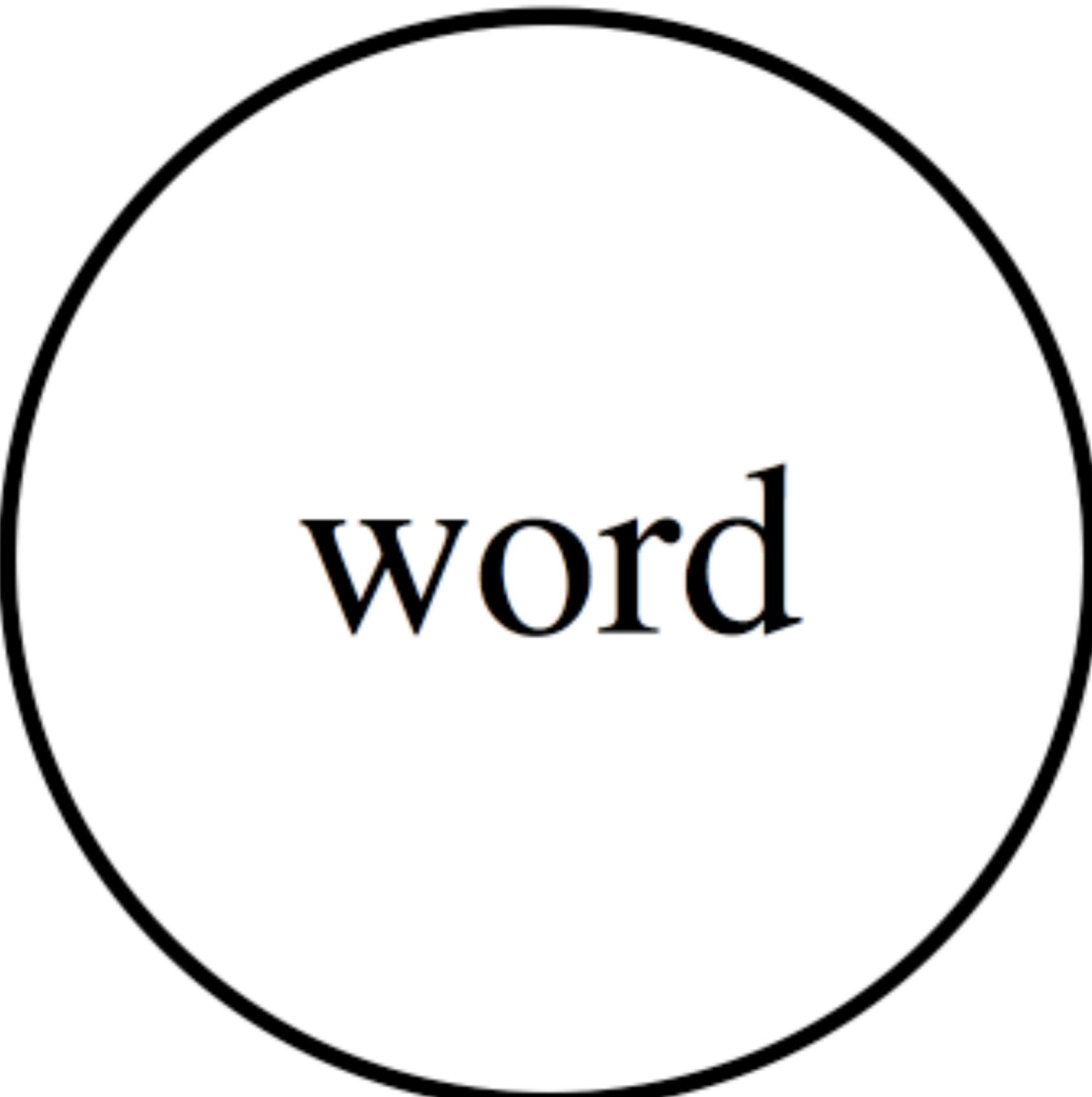




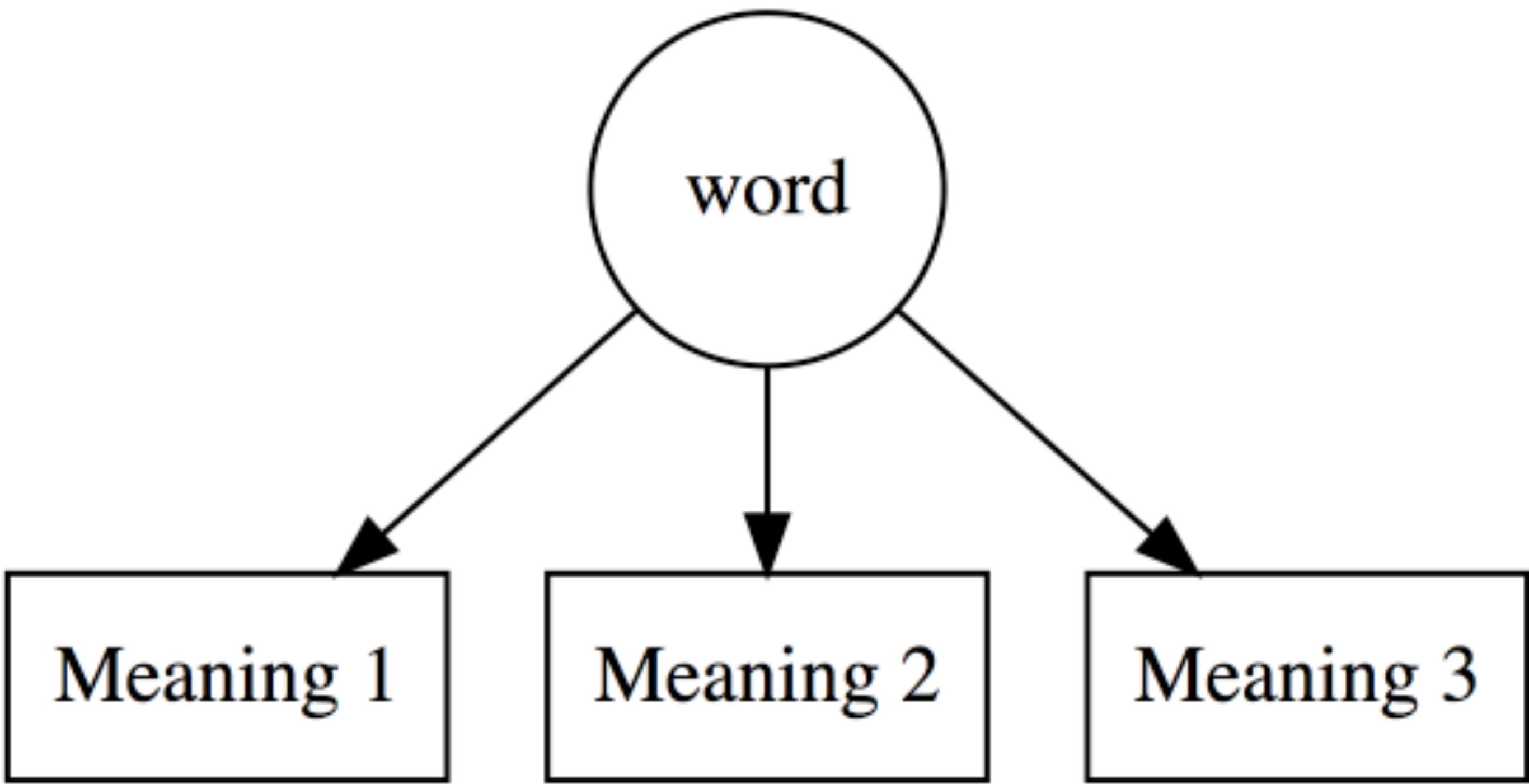
WordNet

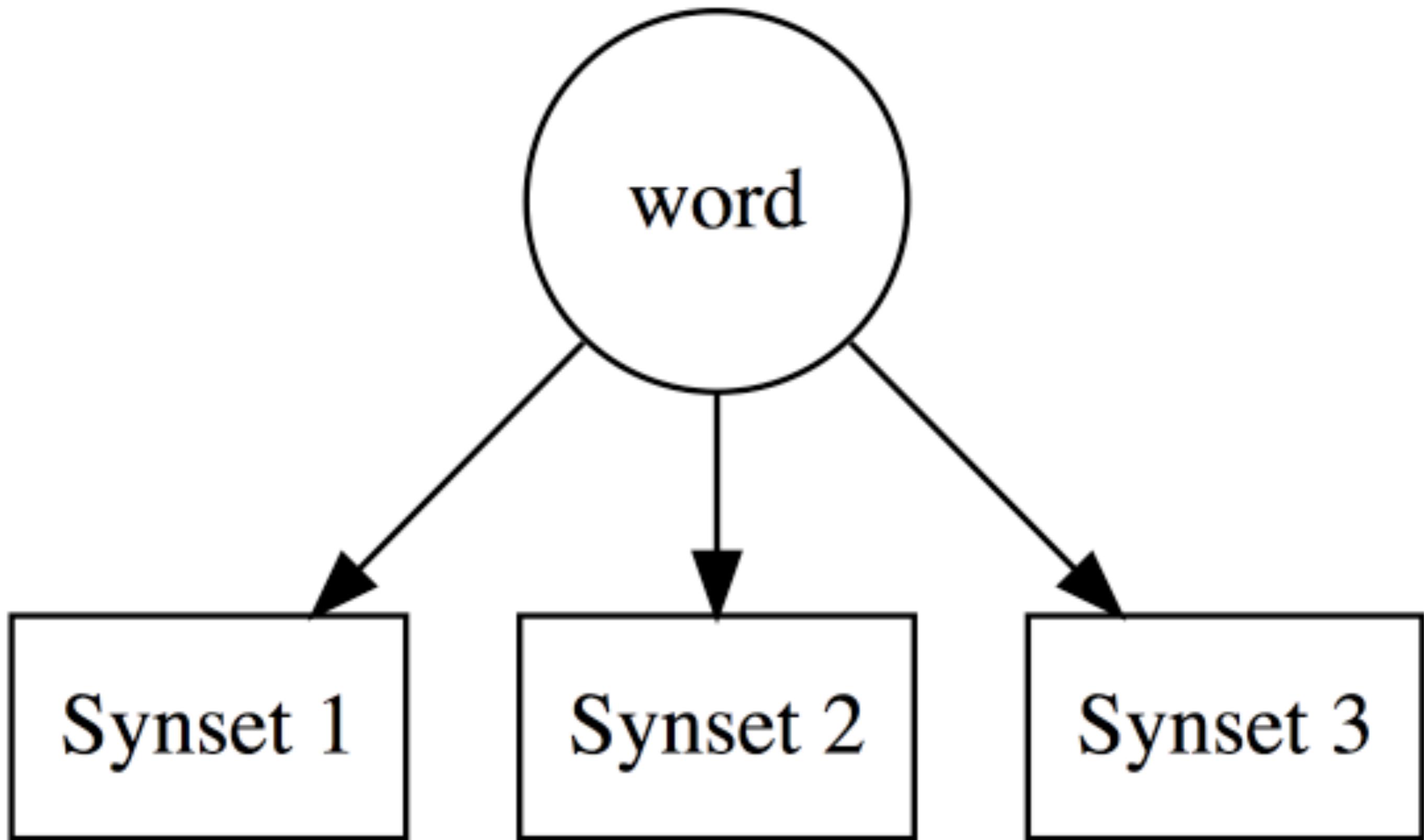
A lexical database for English

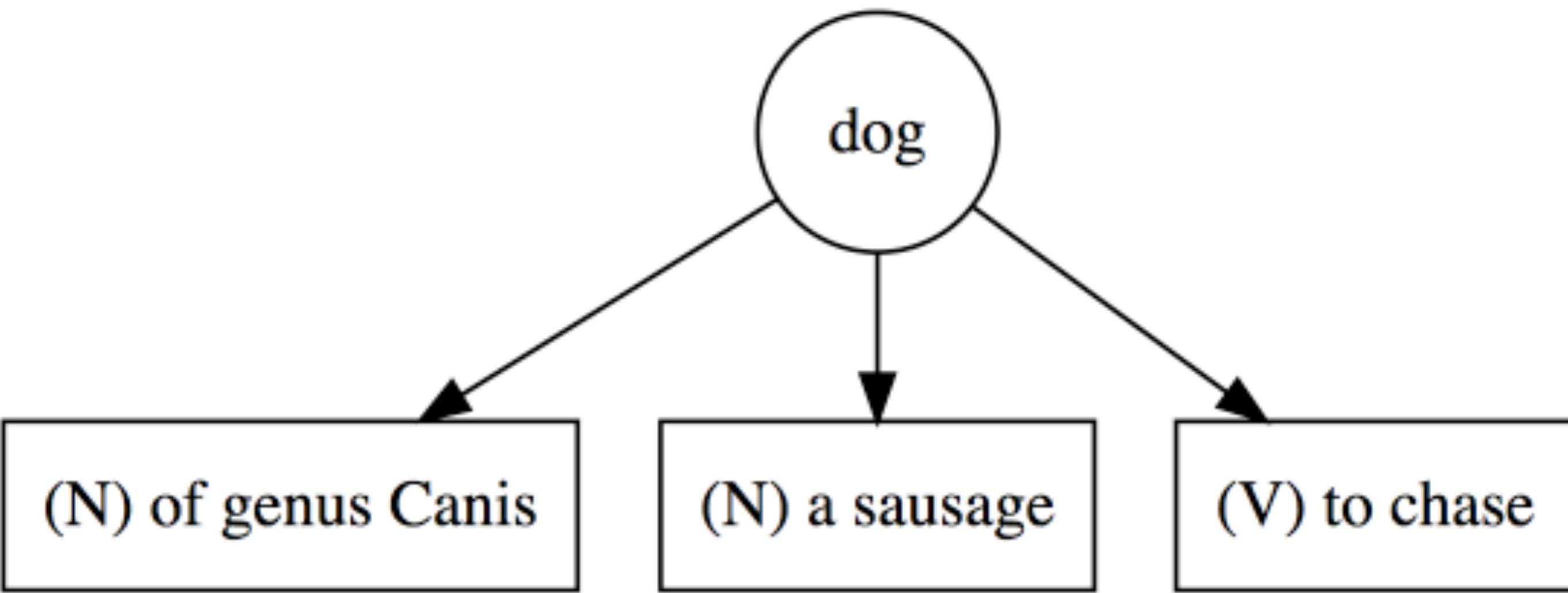


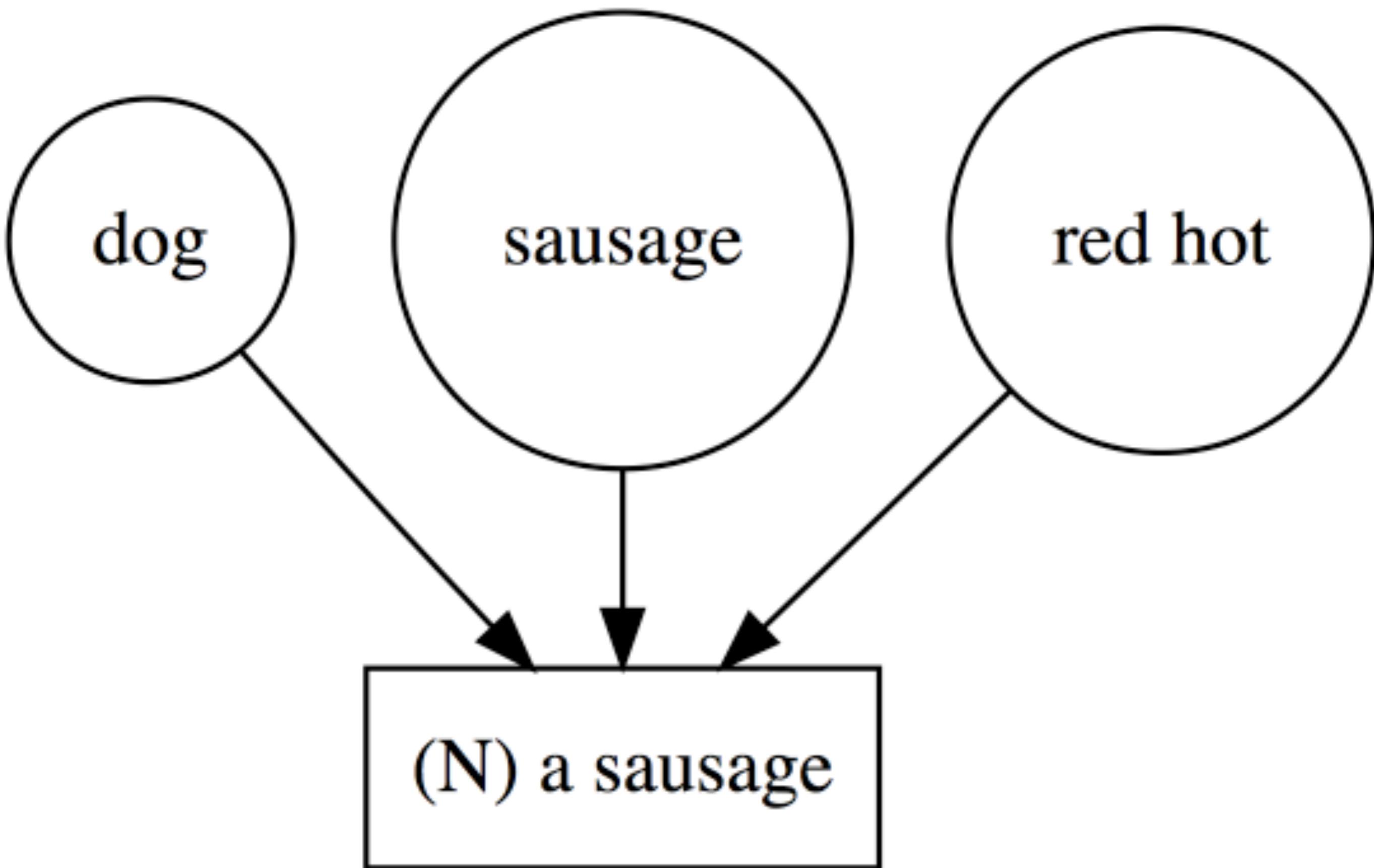


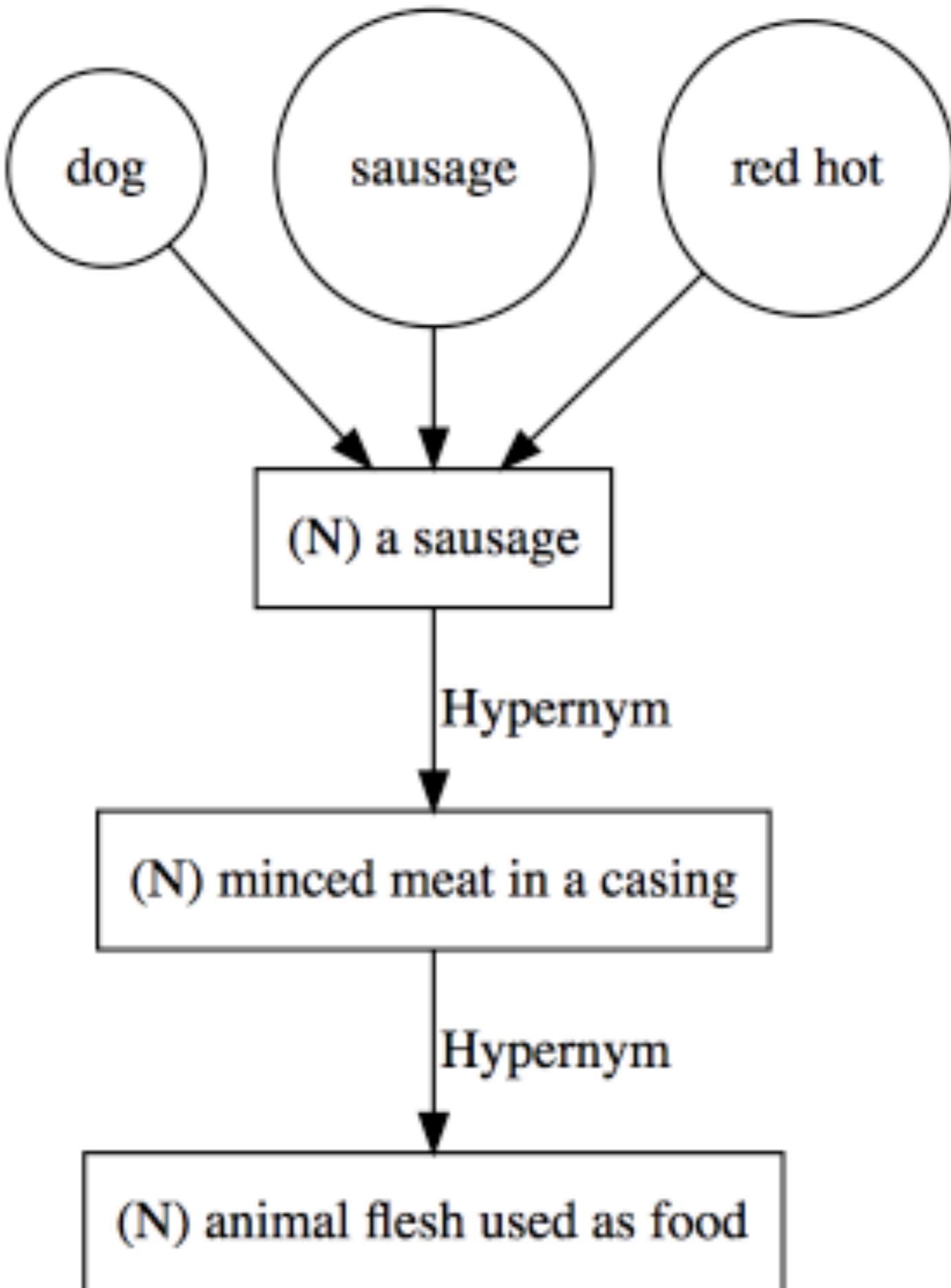
word











Example Pointer Types

- ❖ Antonym
- ❖ Hyponym / Hyponym
- ❖ Holonym / Meronym
- ❖ Attribute
- ❖ Derivationally Related Form
- ❖ Entailment
- ❖ Cause
- ❖ Also See
- ❖ Pertainym
- ❖ Derived from adjective



P A S T A S

LOUISIANA CHICKEN PASTA 15.95

Parmesan Crusted Chicken Served Over Pasta with Mushrooms, Peppers and Onions

PASTA DA VINCI 16.50

Sautéed Chicken, Mushrooms and Onion in a Delicious Madeira Wine Sauce Tossed with Penne Pasta and Parmesan

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Penne Pasta, Mozzarella, Ricotta, Romano and Parmesan Cheeses, Marinara Sauce and Fresh Basil with Chicken 16.95

FETTUCCINI ALFREDO 13.95

A Rich Parmesan Cream Sauce

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Penne Tossed with Broccoli, Oven-Dried Tomato, Roasted Eggplant, Peppers, Artichoke, Kalamata Olives, Garlic and Pine Nuts

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A Rich Meat Sauce Slowly Simmered with Tomatoes, Garlic and Herbs

FETTUCCINI WITH CHICKEN AND SUN-DRIED TOMATOES 15.95

In a Sun-Dried Tomato Sauce with Garlic, Cream and Parmesan Cheese

FARFALLE WITH CHICKEN AND ROASTED GARLIC 16.50

Bow-Tie Pasta, Chicken, Mushrooms, Tomato, Pancetta, Peas and Caramelized Onions in a Roasted Garlic-Parmesan Cream Sauce

GARLIC NOODLES 13.50

Spaghettini, Fresh Asparagus, Shiitake Mushrooms, Oven-Roasted Tomatoes and Parmesan in a Delicious Garlic Sauce with Chicken 16.50 with Shrimp 17.95

SPICY CHICKEN CHIPOTLE PASTA 15.95

Penne Pasta, Honey Glazed Chicken, Asparagus, Red and Yellow Peppers, Peas, Garlic and Onion in a Spicy Chipotle Parmesan Cream Sauce

THAI CHICKEN PASTA 15.95

Linguini with Sautéed Chicken, Julienne Carrots, Green Onion and a Spicy Peanut Sauce. Topped with Fresh Bean Sprouts

BISTRO SHRIMP PASTA 17.50

Crispy Battered Shrimp, Fresh Mushrooms, Tomato and Arugula Tossed with Spaghettini and a Basil-Garlic-Lemon Cream Sauce

SHRIMP WITH ANGEL HAIR 16.95

Large Shrimp Sautéed with Lemon, Garlic and Herbs on Top of Angel Hair Pasta with Tomato Sauce and Fresh Basil

CAJUN JAMBALAYA PASTA 16.95

Our most popular pasta dish!

Shrimp and Chicken Sautéed with Tomato, Onions and Peppers in a Very Spicy Cajun Sauce. All on Top of Fresh Linguini (Full-size portion only)

F I S H & S E A F O O D

SHRIMP SCAMPI 19.95

Parie Rictor Shrimp Sautéed with Whole Cloves of Garlic, White Wine

SHRIMP AND CHICKEN GUMBO

Shrimp, Chicken, Andouille Sausage, Tomatoes, Peppers, Onions and Garlic Simmered in a Spicy Cajun Style Broth with Cream. Topped with Steamed White Rice

JAMAICAN BLACK PEPPER SHRIMP 17.95

Sautéed Shrimp with a Very Spicy Jamaican Black Pepper Sauce. Served with Rice, Black Beans, Plantains and Cool Mango Salsa with Chicken 15.95 with Chicken and Shrimp 17.95

HERB CRUSTED FILET OF SALMON* 19.95

Fresh Salmon with a Delicious Lemon Sauce, Asparagus and Mashed Potatoes

MISO SALMON* 19.95

Salmon Served with Snow Peas, White Rice and a Delicious Miso Sauce

MAHI MAHI MEDITERRANEAN 19.95

Crusted Fresh Mahi with Tomatoes, Artichokes, Capers, Fresh Basil and Balsamic Vinaigrette. Served over Mashed Potatoes

FRESH GRILLED SALMON* 18.95

Served with Potato and Vegetable

FRESH GRILLED MAHI MAHI 19.95

Served with Potato and Vegetable

WASABI CRUSTED AHI TUNA* 21.95

Spicy Wasabi Crusted Fresh Rare Ahi Served with Julienne Vegetables, Miso Sauce and Rice

F A C T O R Y C O M B I N A T I O N S

Served with Mashed Potatoes

SHRIMP SCAMPI AND STEAK DIANE* 19.95

CHICKEN MADEIRA AND STEAK DIANE* 19.95

STEAK DIANE* AND HERB CRUSTED SALMON* 19.95

SHRIMP SCAMPI AND CHICKEN MADEIRA 19.95

HERB CRUSTED SALMON* AND SHRIMP SCAMPI 19.95

Or Any Combination of the Above

* * *

SOLELY FOR YOUR CONVENIENCE, AN 18% GRATUITY IS ADDED TO ALL PARTIES OF 6 OR MORE. TIPS ARE ALWAYS DISCRETIONARY. THANK YOU!

ALL SUBSTITUTIONS CHARGED A LA CARTE

*NO CHECKS PLEASE
NOT RESPONSIBLE FOR LOST OR STOLEN ARTICLES*

A New Representation of WordNet® using Graph Databases

Khaled Nagi

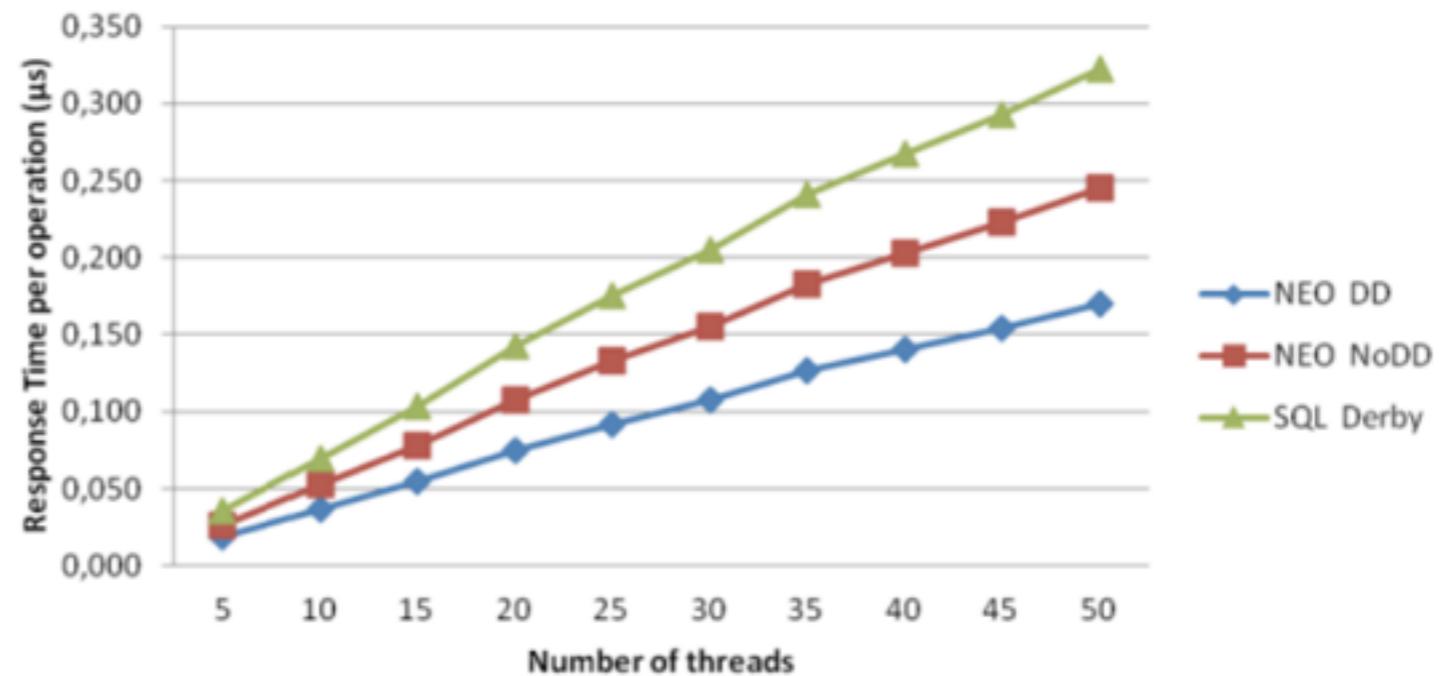
Dept. of Computer and Systems Engineering
Faculty of Engineering, Alexandria University

Alexandria, Egypt

khaled.nagi@alexu.edu.eg

Abstract— WordNet® is one of the most important resources in computation linguistics. The semantically related database of English terms is widely used in text analysis and retrieval domains, which constitute typical features, employed by social networks and other modern Web 2.0 applications. Under the

database. WordNet® dictionary has several characteristics that promote our proposition: *it is used in several modern Web 2.0 applications*, such as social networks; *it has a moderate size of datasets*; and *traversing the semantic relationship graph is a common use case*.





bloyal / neoWordNet

Watch

1

Code

Issues 0

Pull requests 0

Pulse

Graphs

R package to easily create a WordNet in Neo4j

24 commits

1 branch

0 releases

Branch: **master**

New pull request

New file

Find file

HTTPS

<https://github.com/bloyal>

bloyal Version 0.1.4

Latest commit



Fixed bug related to unzip location



Completed test creation



Completed test creation



Converted relationship names to upper



Updated WordNet license information



Initial commit and push



Created placeholder vignette

Lessons Learned

Don't be afraid of DevOps

Lessons Learned

Don't be afraid of DevOps
The Cloud™ is your friend

Lessons Learned

Don't be afraid of DevOps
The Cloud™ is your friend
Networks are fun



Thank You

Brian Loyal
bloyal@gmail.com
<https://github.com/bloyal/>

Links

- ❖ WordNet home page at princeton.edu
- ❖ [neoWordNet](#) on GitHub
- ❖ [RNeo4j](#) on GitHub
- ❖ Hadley's [great introduction to R](#) package development and testing
- ❖ Hosting R/Rstudio on [AWS](#)
- ❖ [Hosting Neo4j](#) on AWS