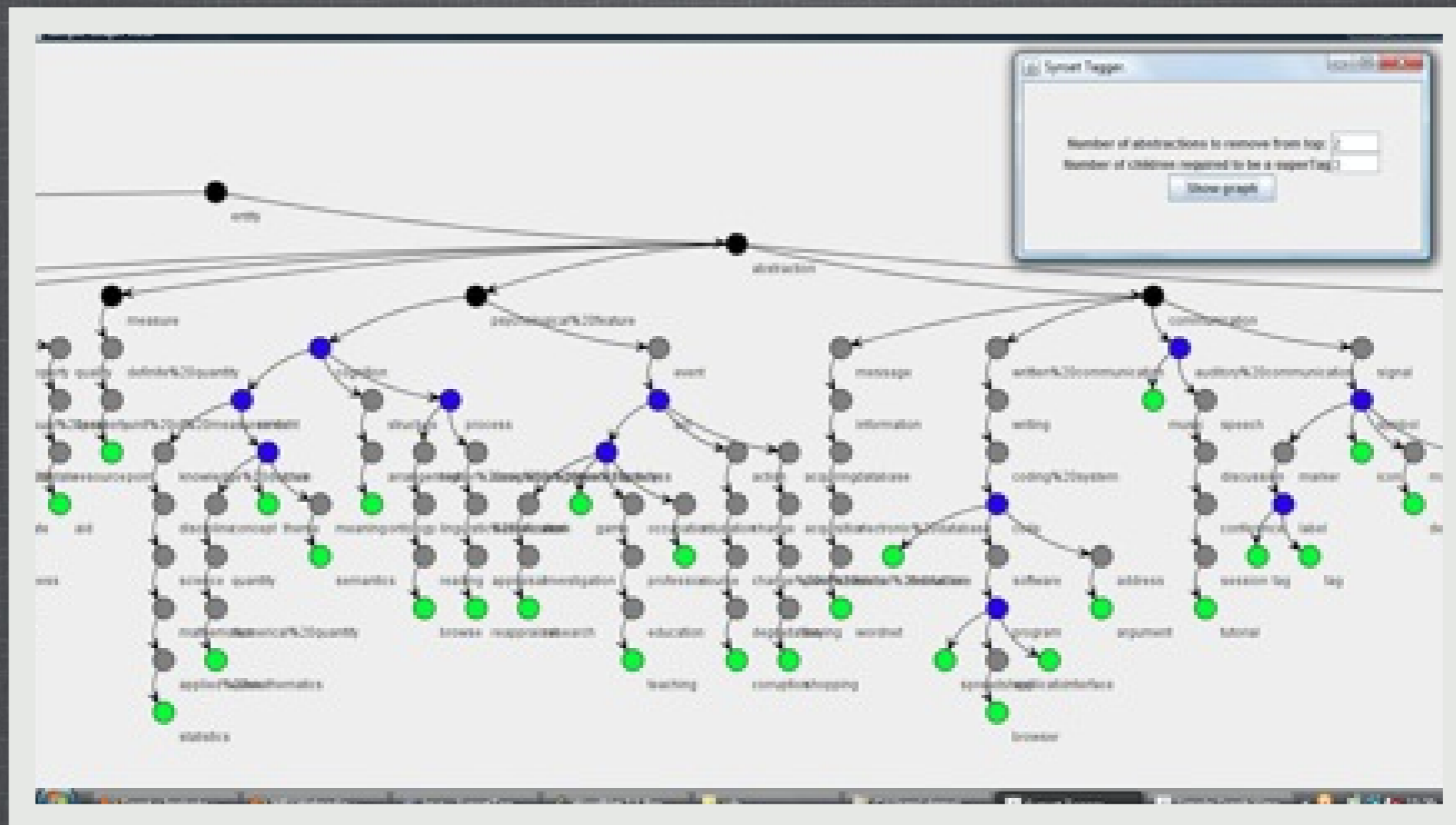


# ONTOLOGY EXTRACTION FROM SOCIAL SEMANTIC TAGS (A LITTLE MORE "LESS")

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# SOCIAL "SEMANTIC" TAGGING

- Folksonomy as an input for metadata creation
  - Ambiguity, mis-spelling, idiosyncrasy, ...
  - Lack of explicit hierarchy, relationships, ...
- Tag with semantically precise natural terms
- But NOT controlled vocabulary ....
- Use simple, everyday language

## Noun

- **S: (n) wheel** (a simple machine consisting of a circular frame with spokes (or a solid disc) that can rotate on a shaft or axle)
  - direct hyponym / full hyponym
  - part meronym
    - **S: (n) felloe, felly** (rim (or part of the rim) into which spokes are inserted)
    - **S: (n) rim** (the outer part of a wheel to which the tire is attached)
  - direct hypernym / inherited hypernym / sister term
  - part holonym
    - **S: (n) wheeled vehicle** (a vehicle that moves on wheels and usually has a container for transporting things or people)  
*and Syria and date from around 3500 BC*
  - derivationally related form
- **S: (n) steering wheel, wheel** (a handwheel that is used for steering)
- **S: (n) wheel** (forces that provide energy and direction) "*the wheels of government began to turn*"
- **S: (n) wheel** (a circular helm to control the rudder of a vessel)
- **S: (n) roulette wheel, wheel** (game equipment consisting of a wheel with slots that is used for gambling; the wheel rotates horizontally)
- **S: (n) rack, wheel** (an instrument of torture that stretches or disjoints or mutilates victims)
- **S: (n) bicycle, bike, wheel, cycle** (a wheeled vehicle that has two wheels and is moved by foot pedals)

## Verb

- **S: (v) wheel, wheel around** (change directions as if revolving on a pivot) "*They wheeled their horses around and left*"
- **S: (v) wheel, wheel around** (wheel somebody or something)
- **S: (v) wheel, roll** (move along on or as if on wheels or a wheeled vehicle) "*The President's convoy rolled past the crowds*"
- **S: (v) bicycle, cycle, bike, pedal, wheel** (ride a bicycle)

Editing the tag 'dog'

Word:

dog

(a, an, the ..) **dog, domestic\_dog, Canis\_familiaris** : a member of the genus Canis (probably descended from the common wolf) that has been domesticated by man since prehistoric times; occurs in many breeds; "the dog barked all night"

(to ..) **chase, chase\_after, trail, tail, tag, give\_chase, dog, go\_after, track** : go after with the intent to catch; "The policeman chased the mugger down the alley"; "the dog chased the rabbit"

(a, an, the ..) **frump, dog** : a dull unattractive unpleasant girl or woman; "she got a reputation as a frump"; "she's a real dog"

(a, an, the ..) **dog** : informal term for a man; "you lucky dog"

(a, an, the ..) **cad, bounder, blackguard, dog, hound, heel** : someone who is morally reprehensible; "you dirty dog"

(a, an, the ..) **frank, frankfurter, hotdog, hot\_dog, dog, wiener, wienerwurst, weenie** : a smooth-textured sausage of minced beef or pork usually smoked; often served on a bread roll

(a, an, the ..) **pawl, detent, click, dog** : a hinged catch that fits into a notch of a ratchet to move a wheel forward or prevent it from moving backward

(a, an, the ..) **andiron, firedog, dog, dog-iron** : metal supports for logs in a fireplace: "the andirons were too hot to touch"



OK



Cancel



Delete Tag

