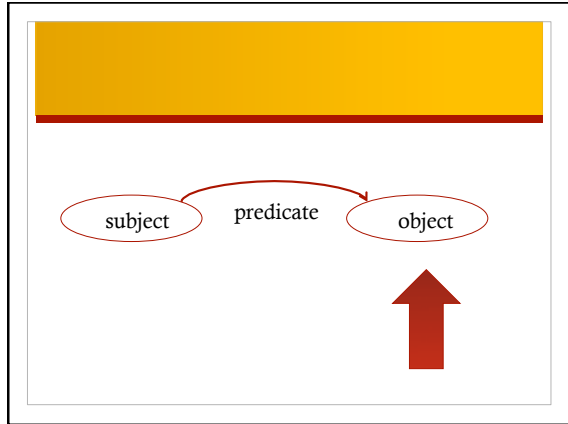


**Vocabularies**  
 aka: controlled lists  
 aka: authority files



the car / has color / **red**  
 the dog / has breed / **retriever**  
 the book / has language / **English**

**simple lists**

“eng” “fre” “ger” “spa”

**thesauri (structured lists)**

- ☐ ▲ Top of the AAT hierarchies
- ☐ ▲ ..... Objects Facet
- ☐ ▲ ..... Furnishings and Equipment (Hierarchy Name)
- ☐ ▲ ..... Tools and Equipment
- ☐ ▲ ..... equipment
- ☐ ▲ ..... <equipment by process>
- ☐ ▲ ..... <image-making equipment>
- ☐ ▲ ..... <drafting, drawing and writing equipment>
- ☐ ▲ ..... <drafting, drawing and writing equipment by general type>
- ☐ ▲ ..... <drafting, drawing and writing equipment by specific type>
- ☐ ▲ ..... <image-projecting equipment>
- ☐ ..... camera lucidas
- ☐ ..... camera obscuras
- ☐ ..... physionotracas (equipment)
- ☐ ..... screens (projection)
- ☐ ▲ ..... <ink and paint preparation tools>
- ☐ ..... ball mills
- ☐ ..... mullers (ink and paint preparation tools)
- ☐ ▲ ..... spatulas (artists' tools)

**“Simple Knowledge Organization System” (SKOS)**


Every term gets an identifier

**World maps**  
<http://id.loc.gov/authorities/genreForms/gf2011026743>

**Tourist maps**  
<http://id.loc.gov/authorities/genreForms/gf2011026699>

### “Simple Knowledge Organization System” (SKOS)

Broader term	Preferred label
Narrower term	Alternate label
Related term	Hidden label



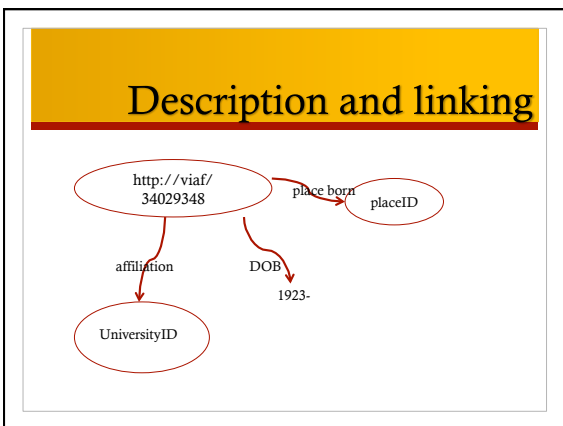
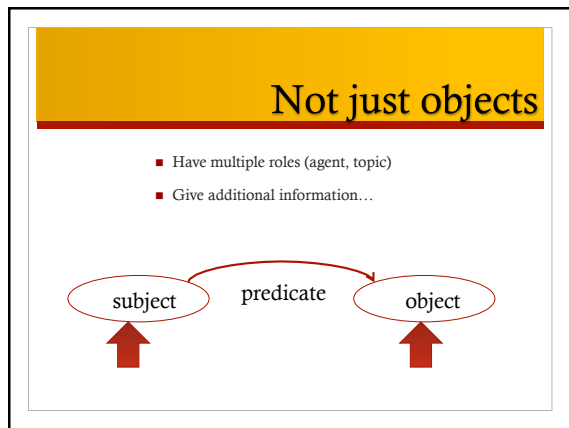
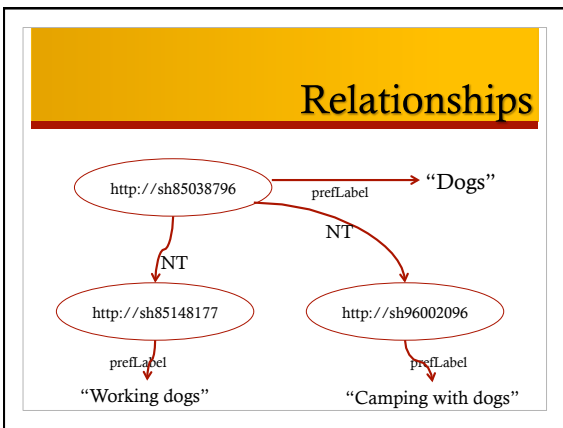
lang="en"  
lang="sp"

### Labels

<http://id.loc.gov/authorities/subjects/sh85038796>

```

prefLabel lang="en" / Dog
prefLabel lang="sp" / Perro
altLabel lang="en" / Canine
altlabel lang="sp" / Canino
    
```



### Some vocabularies

- People:
  - Virtual international authority file (VIAF)
  - New York Times data
  - Wikipedia/dbpedia
  - Open Library
  - VIVO

## Some vocabularies

- Places
  - Geonames
  - AGROVOC
  - Wikipedia/dbpedia
  - Library of Congress Subject Headings (and other library thesauri)

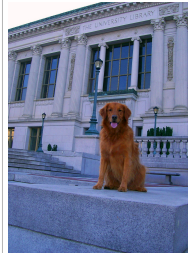
## Some vocabularies

- Science
  - BBC Wildlife taxonomy
  - AGROVOC
  - Linked Open Numbers
  - GeoSpecies
- Art
  - Linked Open Colors
  - Europeana
- Government
  - GD - Government Data
  - Parliament ontology

## Some vocabularies

- Media
  - Sports ontology
  - Nature publishing group ontology
  - Press.net ontology
- Market
  - Car options ontology
  - Food ontology

## Exercise 5a: Properties & Values



- This is a dog named Dewey.
- His breed is golden retriever.
- His birthday is 12/25.
- His date of birth is 12/25/2004.
- He lives in Berkeley, California
- This photo was taken at the University of California in Berkeley.