College of Information Studies

University of Maryland Hornbake Library Building College Park, MD 20742-4345

Linked Open Data

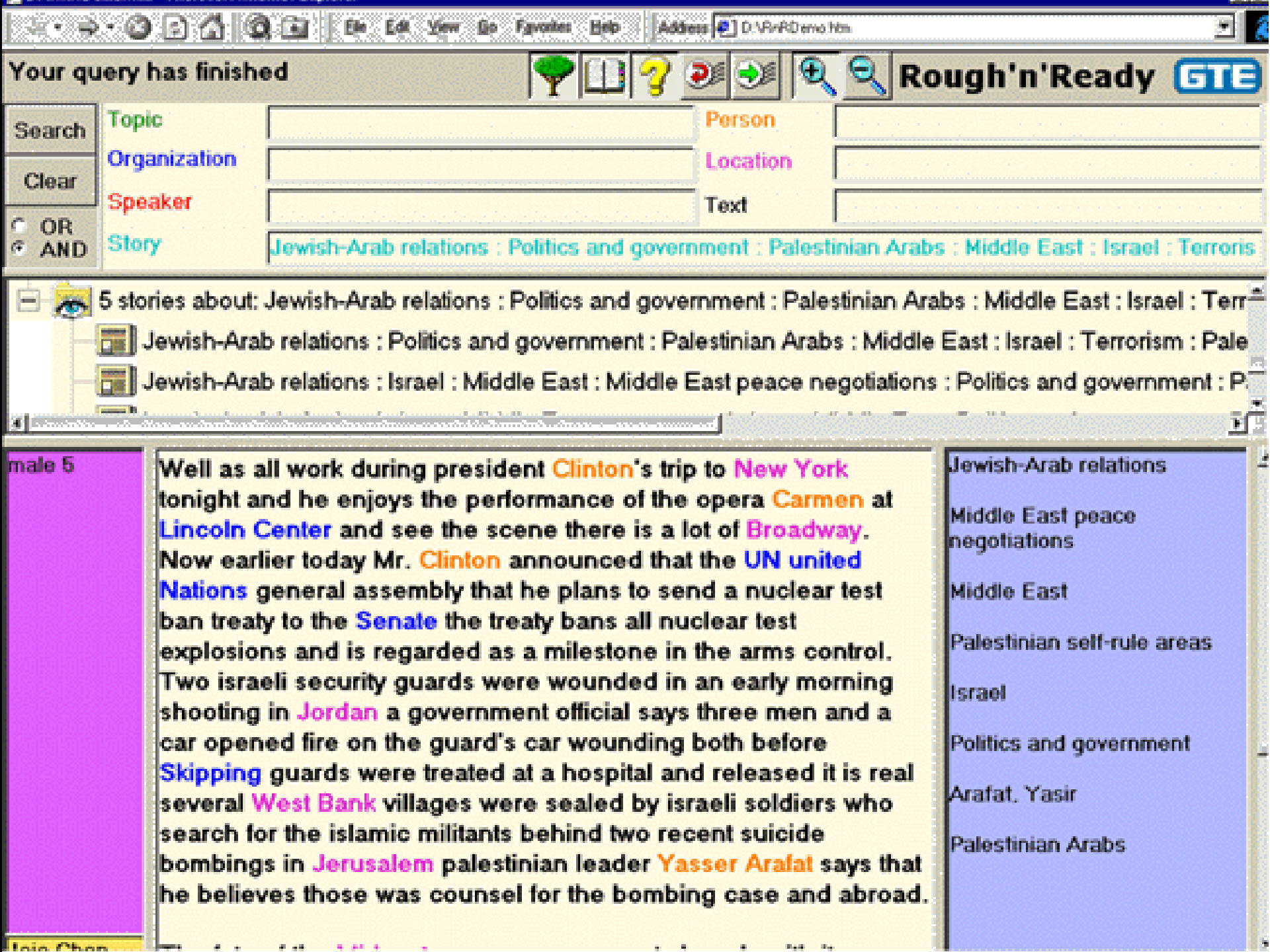
Session 16

INST 301

Introduction to Information Science

Named Entity Recognition

- Machine learning techniques can find:
  - Location in the text of a reference to an entity
  - Extent of that reference (i.e., which characters)
  - Type of the entity (person, location, ...)
- Two types of features are useful
  - Orthography (e.g., paired capitalization)
  - Trigger words (e.g., Mr., Professor, said, …)


File Edit View Go Favorites Help
Address D:\RnR\Demo.htm
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Jewish-Arab relations : Politics and government : Palestinian Arabs : Middle East : Israel : Terroris
5 stories about: Jewish-Arab relations : Politics and government : Palestinian Arabs : Middle East : Israel : Terr
Jewish-Arab relations : Politics and government : Palestinian Arabs : Middle East : Israel : Terrorism : Pale
Jewish-Arab relations : Israel : Middle East : Middle East peace negotiations : Politics and government : P
male 5
Well as all work during president Clinton's trip to New York tonight and he enjoys the performance of the opera Carmen at Lincoln Center and see the scene there is a lot of Broadway. Now earlier today Mr. Clinton announced that the UN united Nations general assembly that he plans to send a nuclear test ban treaty to the Senate the treaty bans all nuclear test explosions and is regarded as a milestone in the arms control. Two israeli security guards were wounded in an early morning shooting in Jordan a government official says three men and a car opened fire on the guard's car wounding both before Skipping guards were treated at a hospital and released it is real several West Bank villages were sealed by israeli soldiers who search for the islamic militants behind two recent suicide bombings in Jerusalem palestinian leader Yasser Arafat says that he believes those was counsel for the bombing case and abroad.
Jewish-Arab relations
Middle East peace negotiations
Middle East
Palestinian self-rule areas
Israel
Politics and government
Arafat, Yasir
Palestinian Arabs

Reference Chaining

- Variant forms of person names
  - Nicknames, common forms of reference
- Variant forms of other references
  - Acronyms, abbreviations
- Within-document co-reference resolution
  - Named, nominal, pronominal

Cross-Document Entity Linking

Example: Bibliographic References

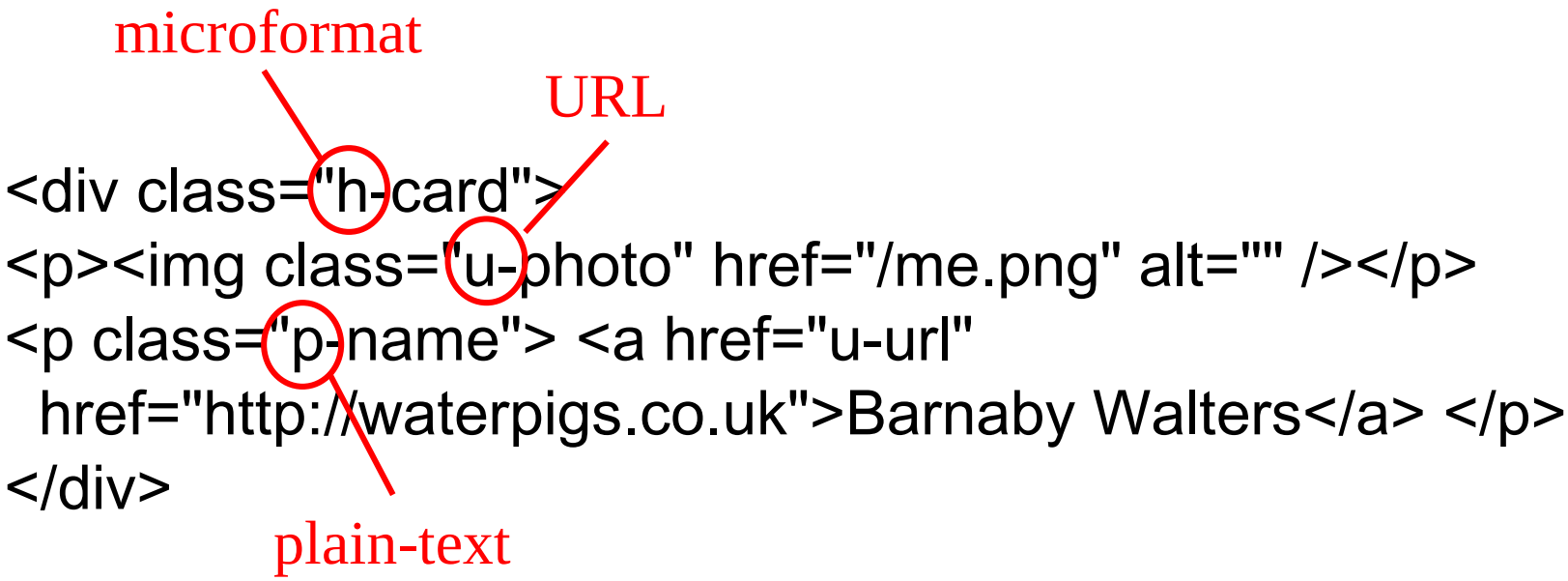
15. Faloutsos, C., Oard, D. (1995). "A Survey of Information Retrieval and Filtering Methods," avail. As UMIACS-TR-95-33, College Park: U of MD.

[11] Faloutsos, C. and Oard, D. W., "A Survey of Information Retrieval and Filtering Methods", University of Maryland, Technical Report CS-TR-3514, August 1995.

[47] Christos Faloutsos and Douglas W. Oard. A survey of information retrieval and filtering methods. Technical Report CS-TR-3514, University of Maryland, August 1995. http://www.enee.umd.edu/medlab/filter/papers/survey.ps.

[Faloutsos] Christos Faloutsos and Dougtas Oard, A Survey of Information Retrieval and Filtering Method,
<URL:http://www.glue.umd.edu/enee/medlab/filter/papers/survey.ps>

Microformats



http://microformats.org/

Google ledo restaurant

Web Maps Images Videos Shopping More Search tools

About 647,000 results (0.40 seconds)

The Original **Ledo Restaurant** - A Marcos Family Restaurant

www.**ledorestaurant**.com/

The Original opened in 1955 by Tommy Marcos Sr. They moved the **restaurant** to the new location in College Park and it is still owned and operated by Tommy ...

3.8 ★★★★☆ 39 Google reviews · Write a review

4509 Knox Rd, College Park, MD 20740
(301) 422-8122

Menu
The Original Ledo Restaurant - A Marcos Family Restaurant.

Location
map-generator.net. This information is provided by ...

More results from ledorestaurant.com »

Ledo Restaurant - College Park, MD | Yelp

www.yelp.com › Restaurants › Pizza ▾ Yelp ▾

★★★½☆ Rating: 3.5 - 116 reviews - Price range: $$

116 Reviews of **Ledo Restaurant** "Pizzzzzzzzaaaaaa! Is what was racing through my mind as soon as I arrived. My coworker raved about the pizza here and I ...

Ledo Pizza - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/**Ledo**_Pizza ▾ Wikipedia ▾

Ledo Pizza is a pizzeria **restaurant** chain in the Mid-Atlantic and Southeastern United States, with the heaviest concentration in Maryland and Virginia. Their first ...

Ledo Pizza is Unbeatable - Review of **Ledo Restaurant** ...

www.tripadvisor.com › ... › Ledo Restaurant ▾ TripAdvisor ▾

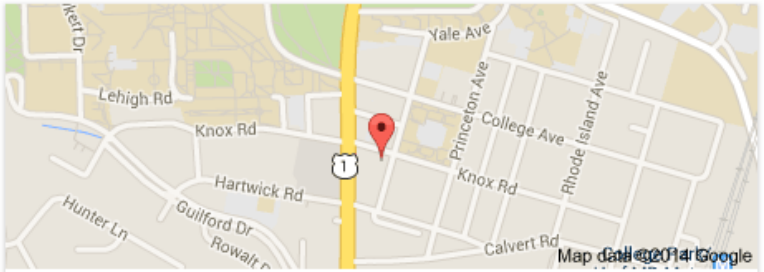
★★★★★ Rating: 5 - Review by a TripAdvisor user - Mar 3, 2011

Ledo Restaurant: Ledo Pizza is Unbeatable - See 36 traveler reviews, 3 candid photos, and great deals for College Park, MD, at TripAdvisor.

Ledo Pizza - Handcrafted Pizza Since 1955

ledopizza.com/ ▾ Ledo Pizza ▾

Franchise neighborhood **restaurant**, which also serves pasta and salads. Locations in eastern United States.



The Original Ledo Restaurant

Directions Write a review

Address: 4509 Knox Rd, College Park, MD 20740

Phone: (301) 422-8122

Prices: $$$$

Hours: Open today · 9:00 am – 10:00 pm

Menu: urbanspoon.com

Reviews

3.8 ★★★★☆ 39 Google reviews

Local favorite since 1955 for pies with a unique flaky, rectangular crust & Italian standards. - Google

"Excellent **thin crust**." 4 reviewers

"If all **Ledo's** are not the same, then I learned a new lesson today." 7 reviewers

"The Hostess then sat down on the hostess stand on top of the clean **napkins**."

View all Google reviews

More reviews: washingtonpost.com, washingtoncitypaper.com,

Semantic Search

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enter search terms... Search

First | Previous | Next | Last

▾ item type
start typing...
Person (1)
Astronaut (1)

▾ nationality
start typing...
Switzerland (1)

▾ born in year year
start typing...
from... to... >
1944 (1)

Fewer | More Facets

Your Filters Reset Filters×

Results 1 to 1 of 1

nationality Switzerland× **text search for** astronaut×

Claude Nicollier

Claude Nicollier is the first astronaut from Switzerland and has flown on several Space Shuttle missions. He was appointed full professor of Spatial Technology at the École Polytechnique Fédérale de Lausanne on 28 March 2007.

First | Previous | Next | Last

supported by neofonie OPEN

Web Ontology Language (OWL)

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<owl:Class rdf:about="http://dbpedia.org/ontology/Astronaut">
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        <rdfs:label xml:lang="fr">astronaute</rdfs:label>
        <rdfs:subClassOf
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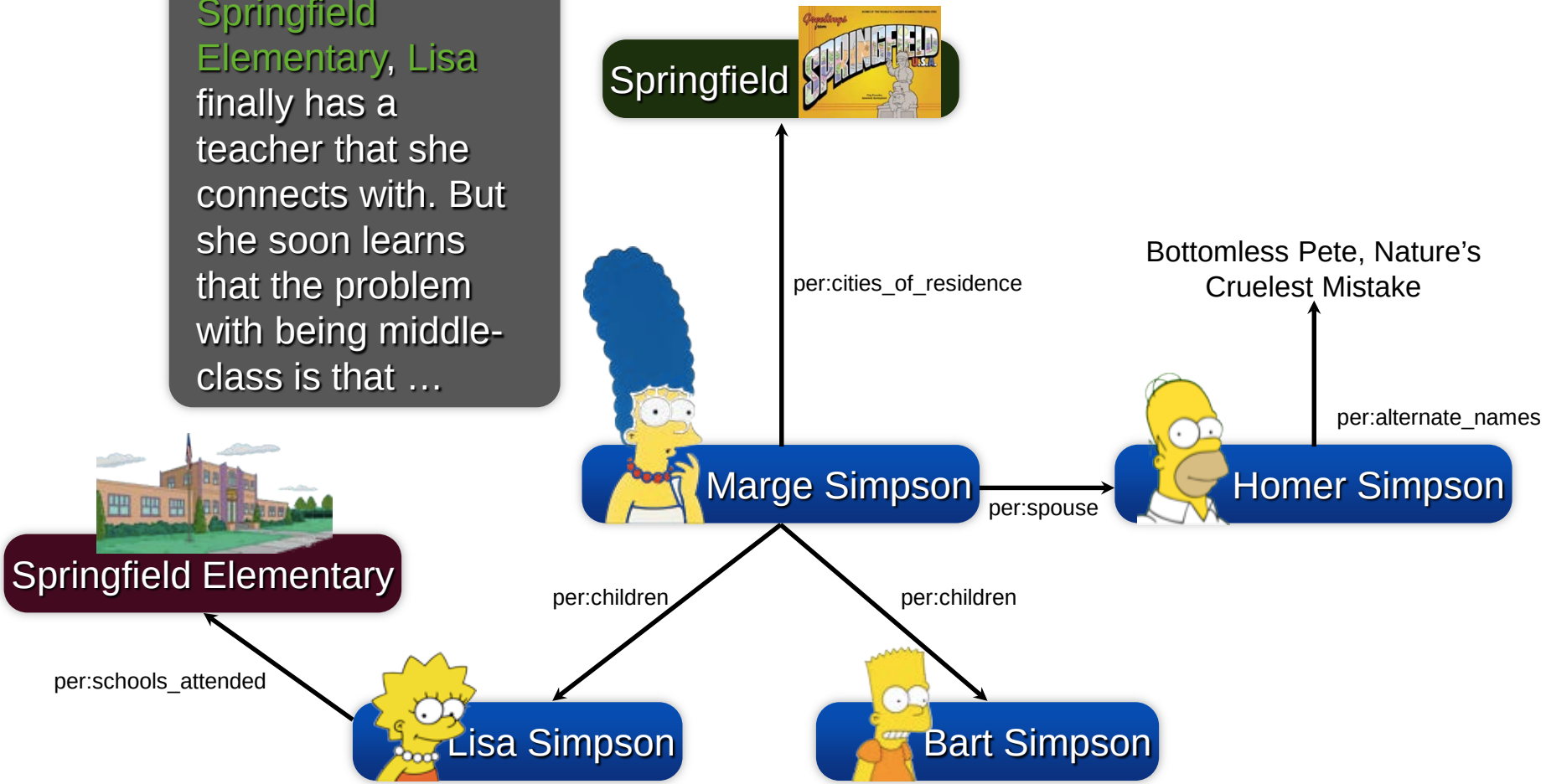
</owl:Class>
```

Knowledge-Base Population

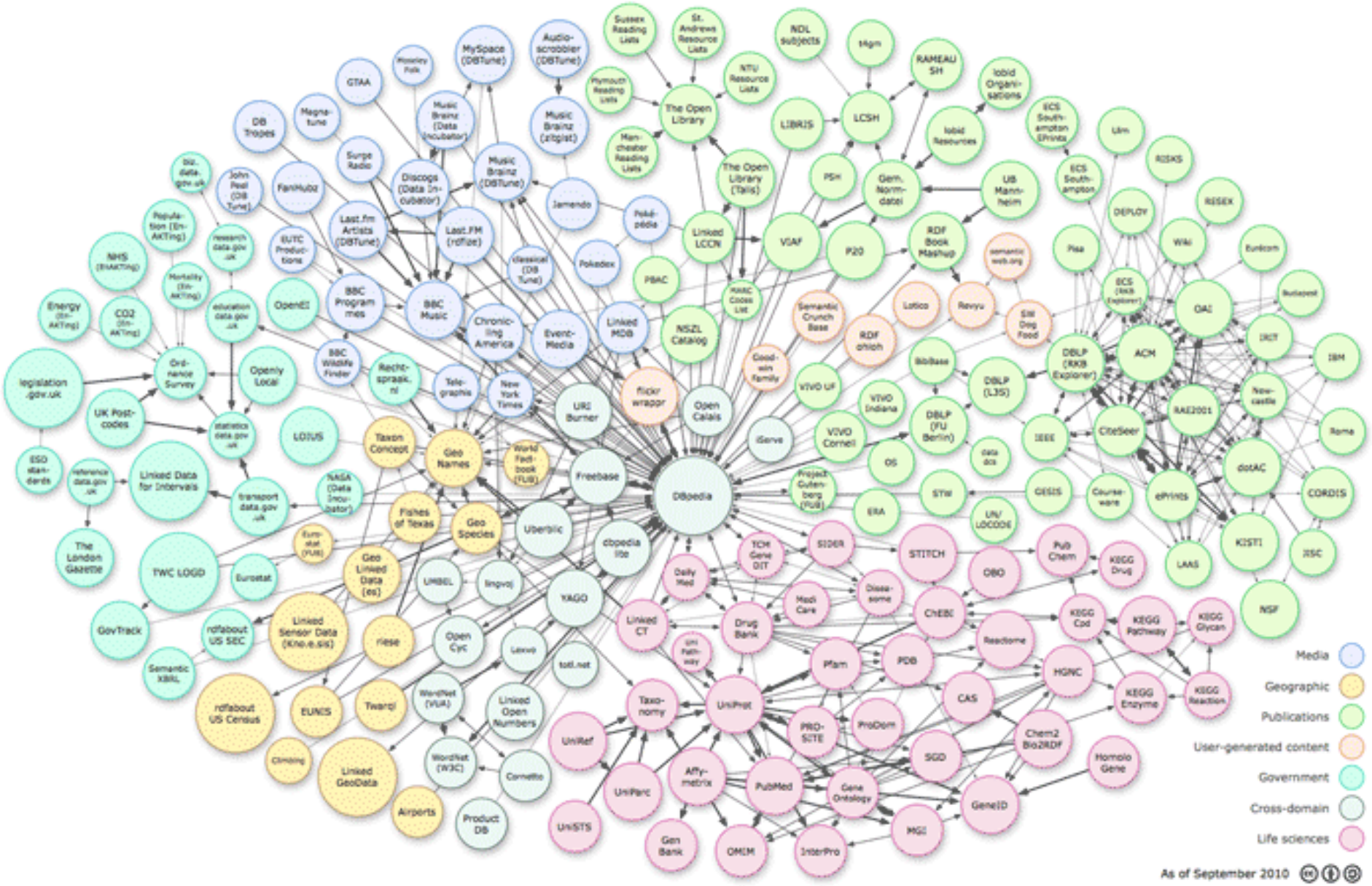
When Lisa's mother Marge Simpson went to a weekend getaway Relaxo,

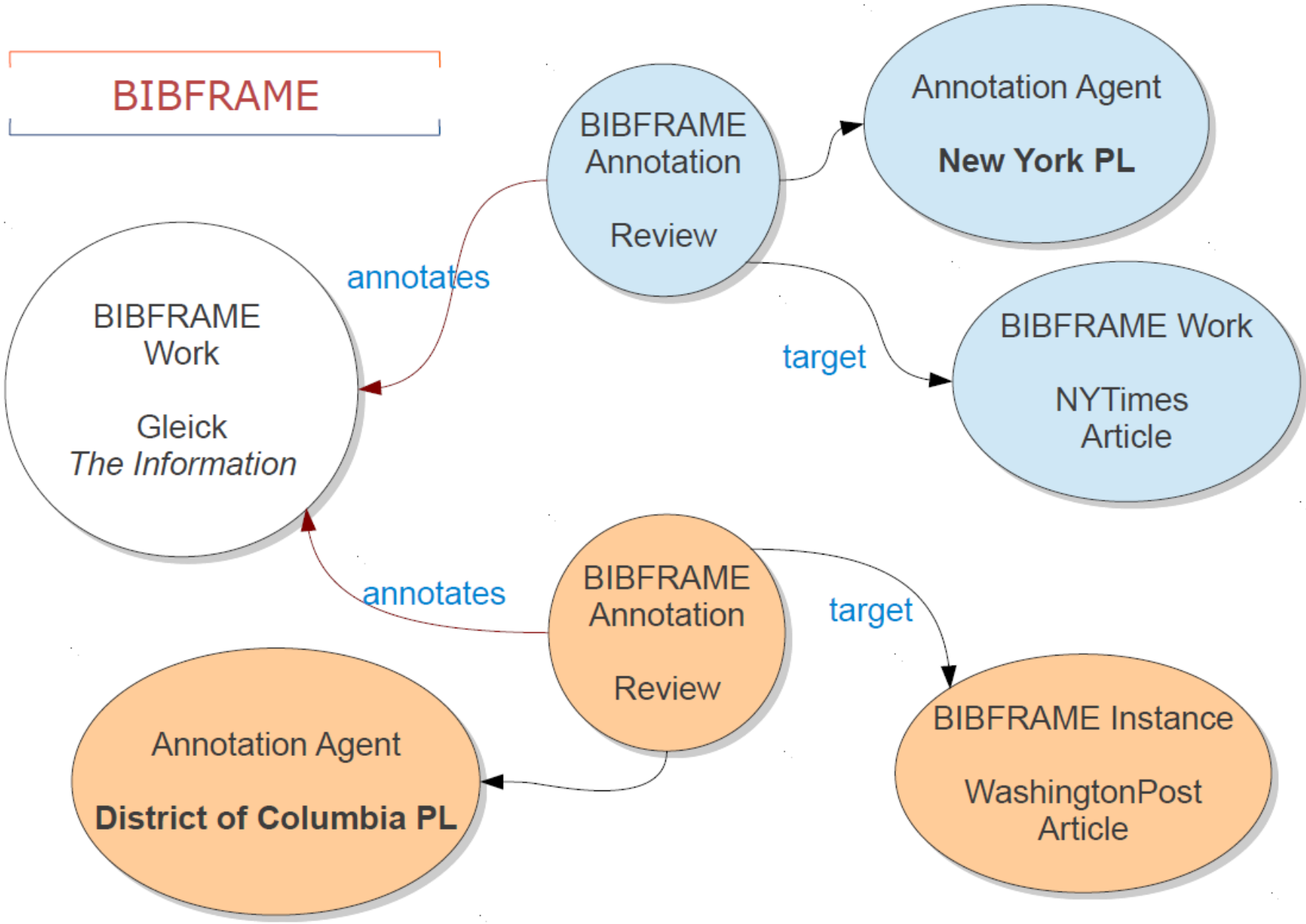
After two years in the academic quagmire of Springfield Elementary, Lisa finally has a teacher that she connects with. But she soon learns that the problem with being middle-class is that …



Paul McNamee et al, HLTCOE Participation at TAC 2012: Entity Linking and Cold Start Knowledge Base Construction
http://www.nist.gov/tac/publications/2012/papers.html

Linked Open Data





Kevin Ford
NDMSO, Library of Congress
Email: kefo@loc.gov / Twitter: @3windmills