Entity Linking and Retrieval

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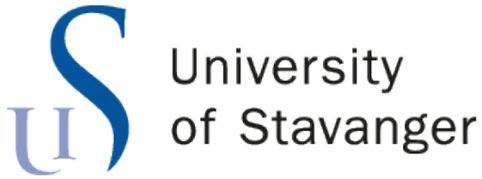


Minnesota Children's Museum

Deloitte.

GUIDANT

NORTHWEST AIRLINES

ECOLAB

Valspar

Donaldson
Filtration Solutions

BEST BUY

Carlson Companies

AMS
Solutions for Life

WELLS FARGO

Medtronic
Alleviating Pain · Restoring Health · Extending Life

Thrivent Financial for Lutherans

MARVIN
Windows and Doors

3M Worldwide

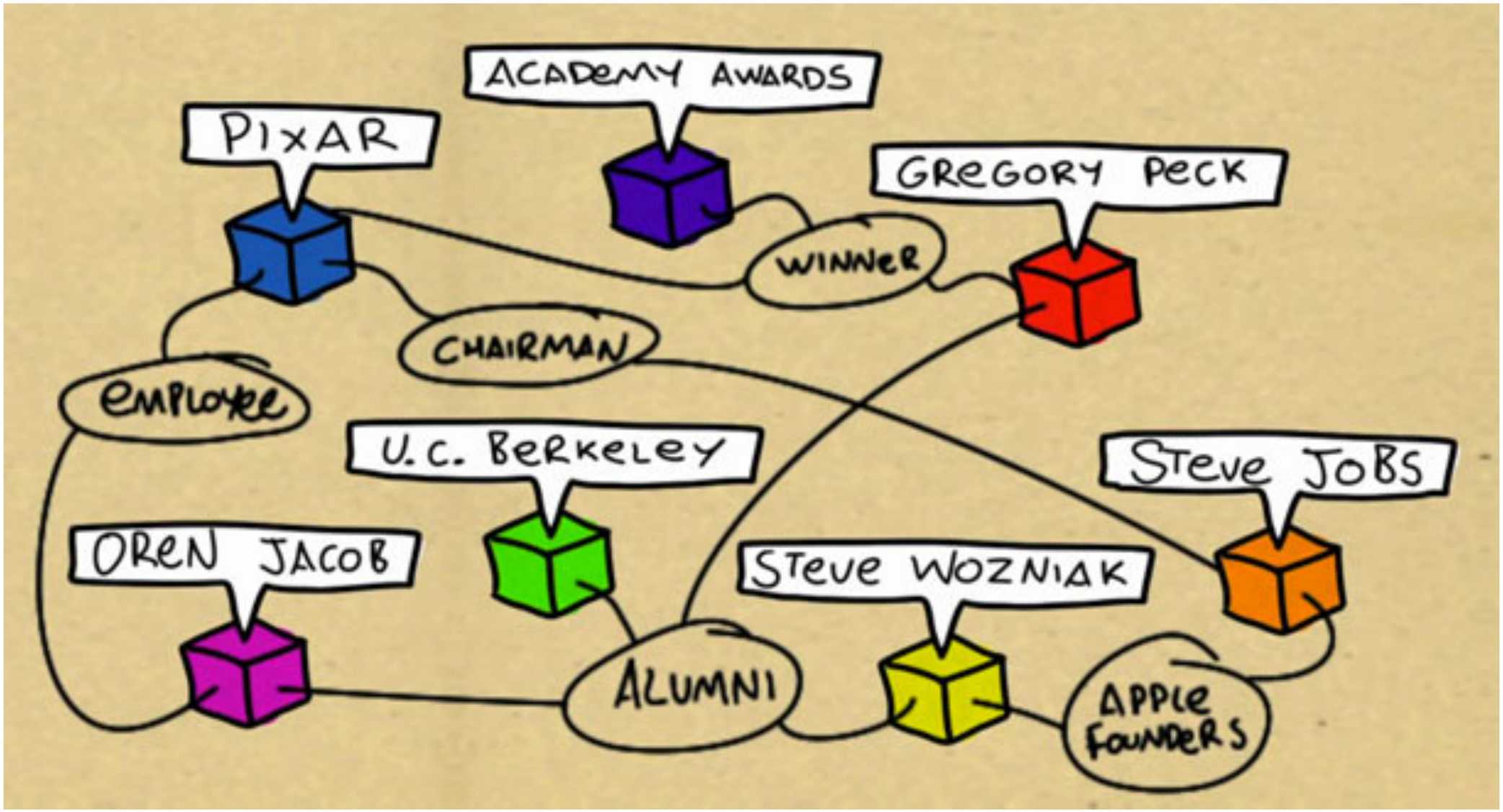
POLARIS
The Way Out.

GENERAL MILLS

Entity?

- Uniquely identifiable “thing” or “object”
  - “A thing with a distinct and independent existence”
- Properties:
  - ID
  - Name(s)
  - Type(s)
  - Attributes (/Descriptions)
  - Relationships to other entities

Entity?


ACADEMY AWARDS
PIXAR
GREGORY PECK
WINNER
CHAIRMAN
EMPLOYEE
U.C. BERKELEY
STEVE JOBS
OREN JACOB
STEVE WOZNIAK
ALUMNI
APPLE FOUNDERS

Entity Linking?

Iranian POW negotiator holds talks with Iraqi ministers

The head of **Iran**'s **prisoner of war** commission met with two **Iraqi** Cabinet ministers Saturday in a bid to glean information about thousands of Iranian POWs allegedly in Iraq, the official Iraqi News Agency reported.

Iraqi Foreign Minister **Mohammed Saeed al-Sahhaf** told Abdullah al-Najafi that the two states needed to ``speed up the closure of what remains from the POW and Missing-In-Action file,'' INA said.

The issue of POWs and missing persons remains a stumbling block to normalizing relations between the two neighbors.

Iraq has long maintained that it has released all Iranian prisoners captured in the **1980**-88 **Iran-Iraq War**. The countries accuse each other of hiding POWs and preventing visits by the **International Committee of the Red Cross** to prisoner camps.

The ICRC representative in **Baghdad**, Manuel Bessler, told The **Associated Press** that his organization has had difficulty visiting POWs on both sides on a regular basis.

In April, Iran released 5,584 fied as civil law detainees in the largest exchange since **1990**.

More than 1 million people w

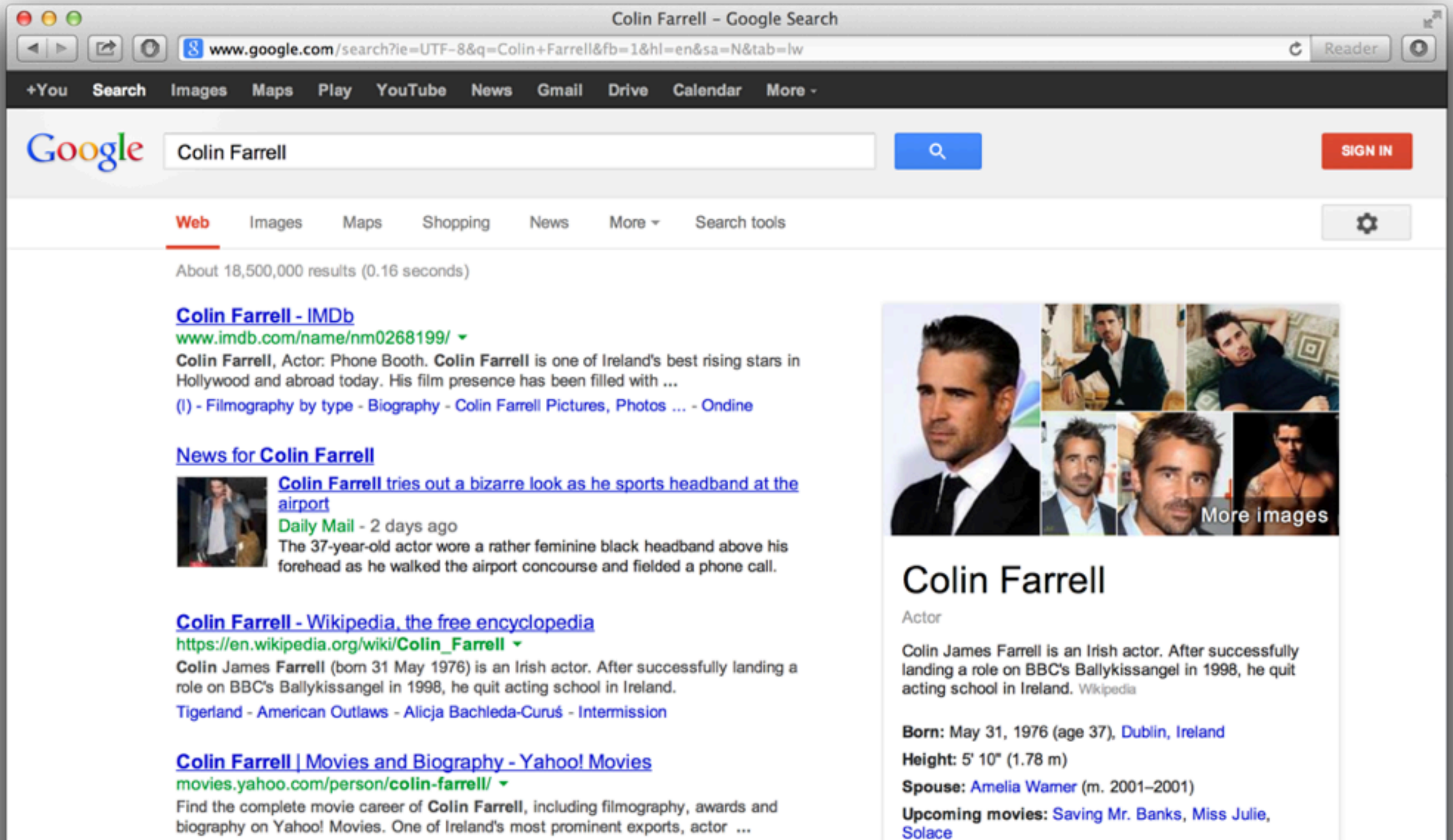
Baghdad

Baghdad is the capital of Iraq and of Baghdad Governorate. With a metropolitan area estimated at a population of 7,000,000, it is the largest city in Iraq. It is the second-largest city in the Arab world (after Cairo) and the second-largest city in southwest Asia (after Tehran).

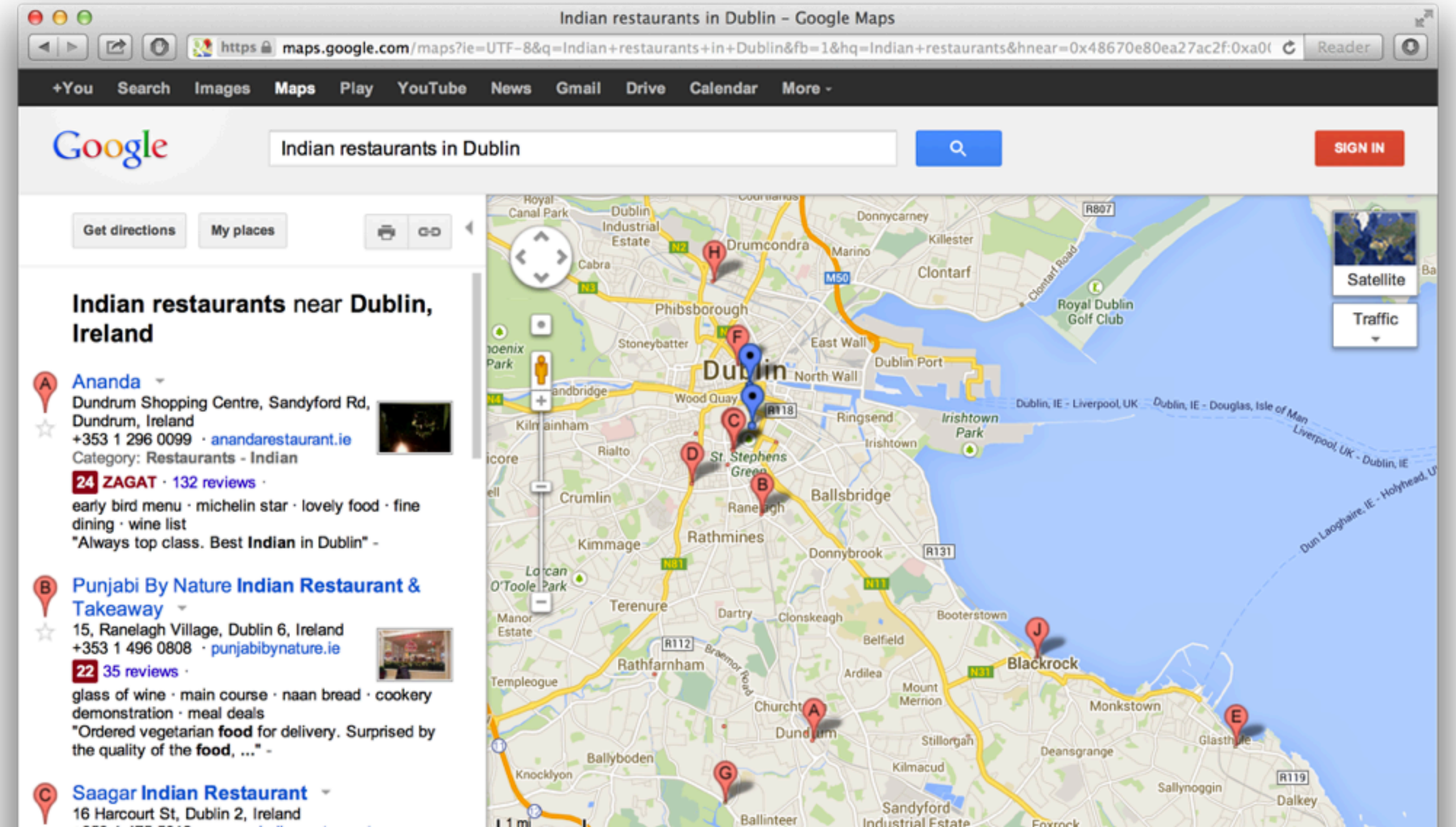
open in wikipedia

Image taken from Milne and Witten (2008b). **Learning to Link with Wikipedia**. In CIKM '08.

Entity Retrieval?



Entity Retrieval?



Menu

- Introduction
- Part 1 – Entity Linking
- Part 2 – Entity Retrieval

See http://ejmeij.github.io/entity-linking-and-retrieval-tutorial/ (or http://bit.ly/ELR-slides) for the slides.

Program – morning

08:30 - 08:45 Welcome, introduction

08:45 - 10:30 Entity linking - methods

10:30 - 11:00 Coffee break

11:00 - 11:15 Entity linking - QA

11:15 - 12:15 Entity linking - hands-on

12:15 - 13:30 Lunch

Program - afternoon

13:30 - 13:45 Wrap up exercises

13:45 - 15:30 Entity retrieval - methods

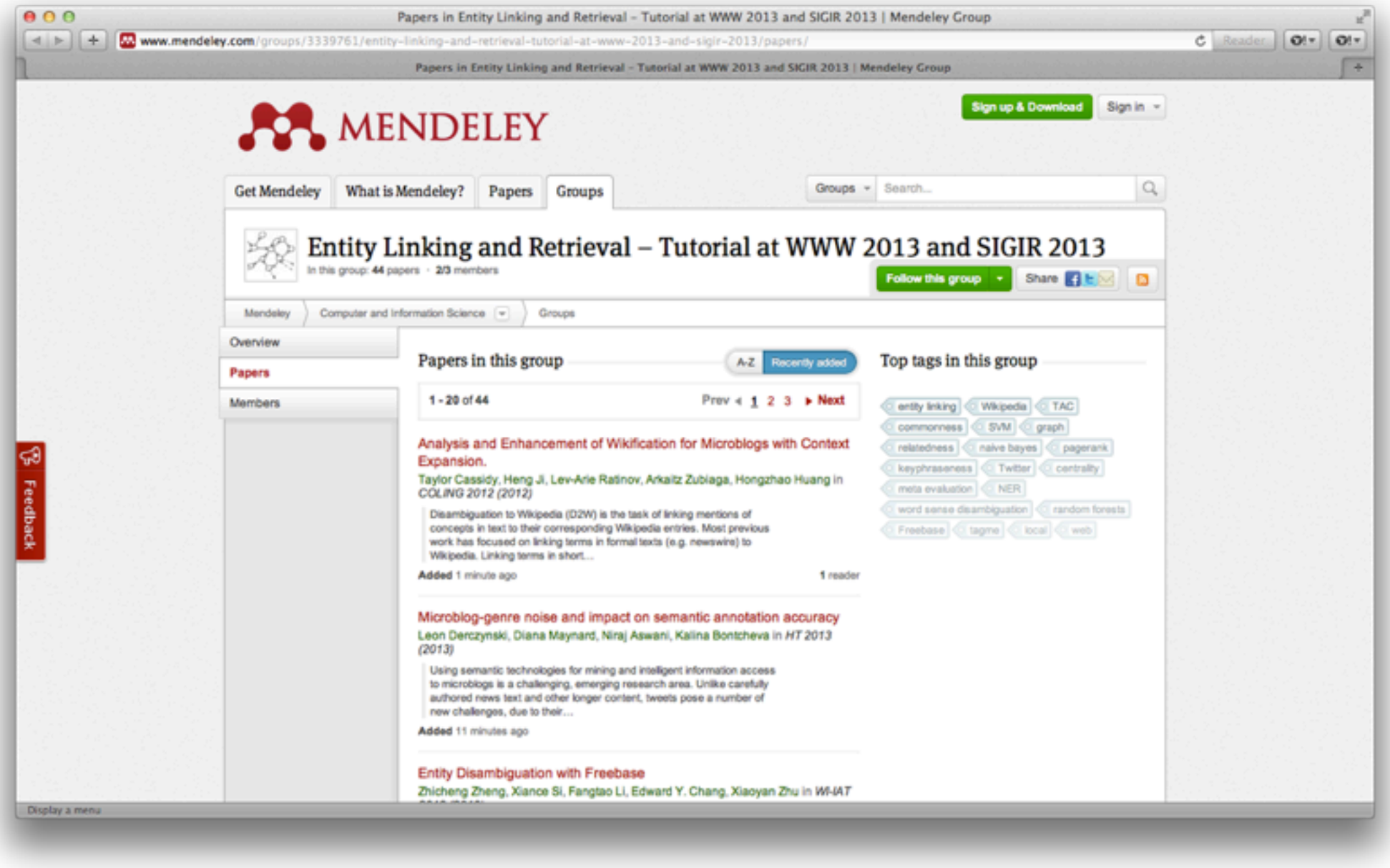
15:30 - 16:00 Coffee break

16:00 - 16:15 Entity retrieval - QA

16:15 - 17:00 Entity retrieval - hands-on

17:00 - 17:30 Wrap-up

References



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http://www.mendeley.com/groups/3339761/entity-linking-and-retrieval-tutorial-at-www-2013-and-sigir-2013/papers/ (or http://bit.ly/ELR-bib)