INFO/CS 4302
Web Information Systems

FT 2012
Week 11 : Ethics and [Big|Linked|Open]* Data

- Bernhard Haslhofer -
Plan for today...

• Solution Homework 6

• Project Status Presentations

• Recap

• Discussion on Ethics and Big / Linked / Open / Data
PROJECT STATUS PRESENTATIONS
Presentation Guidelines

During the semester you will have two possibilities to present your work: one intermediate presentation before Thanksgiving and one final presentation.

The guidelines for the intermediate presentation are:

- You have **5 min** (strict!) to convince us and your fellow students that (i) your project idea is great, and (ii) that you are already working on it.

- Your presentation should cover the following points:
  - What is your project about?
  - Which datasets are you using and how do you get, use and possibly combine them?
  - What is the status of your work? If already available, you can show first designs or screenshots.
  - Are there any problems we need to discuss?

The guidelines for the final presentation are similar:

- You have **10 min** (strict!) to present your project results.

- Your presentation should cover the following points:
  - What is your project about?
  - Which datasets did you finally use and how did you get and combine them?
  - **A demo** in which you show us your project results. This is the important part of this presentation.
  - What have you learned when implementing your project?
Some hints...

• Use examples to explain your use case

• Present (some hand drawn) GUI mockups

• Explain how you implement your application (dataset, infrastructure, etc.)
RECAP
RESTful Web APIs
Linked Data

• A method to build a global data network
• Architectural style, set of standards
Linking Open Data (Project)
John Joseph "Jack" Nicholson (born April 22, 1937) is an American actor, film director, producer, and writer. He is known for his often dark portrayals of neurotic characters. His twelve Oscar nominations make him the second most nominated actor of all time, tied with Katharine Hepburn, and behind only Meryl Streep. Nicholson was nominated for an Academy Award twelve times and won the Academy Award for Best Actor twice: for One Flew Over the Cuckoo's Nest (1975) and for As Good as It Gets (1997). He received his first nomination at the age of 35, making him the youngest actor to be nominated for Best Actor.
Jack Nicholson Online - The Unofficial Official Website
www.jack-nicholson.info/
Jun 24, 2012 – Jack Nicholson fansite about the movie star with over 100 interviews and articles, more than 2000 photos, the latest news, biography as well as ...

Jack Nicholson - IMDb
www.imdb.com/name/nm0000197/
Jack Nicholson, Actor. The Shining. Jack Nicholson, an American actor, producer, screenwriter, and director, is a 3-time Academy Award winner and 12-time ...
Biography - As Good as It Gets - Something's Gotta Give - The Bucket List

Jack Nicholson - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/Jack_Nicholson
John Joseph "Jack" Nicholson (born April 22, 1937) is an American actor, film director, producer, and writer. He is known for his often dark portrayals of neurotic ...
Lorraine Nicholson - As Good as It Gets - List of awards - About Schmidt

Images for jack nicherlson - Report images

Jack Nicholson
John Joseph "Jack" Nicholson is an American actor, film director, producer, and writer. He is known for his often dark portrayals of neurotic characters. Wikipedia

Born: April 22, 1937 (age 75), New York City
Height: 5' 10" (1.77 m)
Spouse: Sandra Knight (m. 1962–1968)
Parents: Donald Furcillo, June Frances Nicholson

Movies

Ithaca, NY
Change location

Show search tools
ETHICS AND
[BIG | LINKED | OPEN ]* DATA
How Companies Learn Your Secrets

[Image of a store aisle with a shopping cart]

Antonio Ballo/Reportage for The New York Times
Jobs Says Apple Made Mistakes With iPhone Data

By MIGUEL HELFT
Published: April 27, 2011

SAN FRANCISCO — Hoping to put to rest a growing controversy over privacy, Steven P. Jobs, Apple’s chief executive, took the unusual step of personally explaining that while Apple had made mistakes in how it handled location data on its mobile devices, it had not used the iPhone and iPad to keep tabs on the whereabouts of its customers.

“We haven’t been tracking anybody,” Mr. Jobs said in an interview on Wednesday. “Never have. Never will.”

Mr. Jobs said that Apple would fix the mistakes in a free software update that it would release in the next few weeks.

Mr. Jobs, who is currently on medical leave, addressed the issue along with two Apple executives — Philip W. Schiller,
Austrian Law Student Faces Down Facebook

BERLIN — As Wall Street prepares for a record, multibillion-dollar initial stock sale from Facebook, the social networking site, a meeting with the potential to shape the economics of the deal was set to take place Monday in Vienna.

Richard Allan, a former member of Parliament in Britain who is the European director of policy for Facebook, and another executive from Facebook’s headquarters in Menlo Park, California, will meet with Max Schrems, a 24-year-old college student.

Mr. Schrems, a law student at the University of Vienna and a user of Facebook since 2008, has led a vocal campaign in Europe against what he maintains are Facebook’s illegal practices of collecting and marketing users’ personal data, often without consent.
Questions

• What does „ethical“ mean?

• Does „raw data“ have ethical values attached?
Ethical Issues - Identity

• Do people and things have single- or multifaceted identities?
Ethical Issues - Identity

• What ethical issues can arise when we link, aggregate, and summarize identities of
  – things
  – persons
Ethical Issues - Privacy

"On the Internet, nobody knows you're a dog."
Ethical Issues - Privacy

• If an individual keeps info about identity private, do others have the right to use it and/or make it public?
Ethical Issues

- What are possible ethical issues in open Web based data networks (e.g., Linked Data cloud)?
- Which steps can be taken to deal with these issues?
Readings

Davis Kord: Ethics of Big Data, O‘Reilly 2012